

R47v0 Full index of all keys, buttons, menus and other items

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
␣	--	Space	Character			Characters	Keyboard alpha [+]	Character " " (Fontcode : 0028 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
␣	--	Space	Character			Characters	Keyboard alphaSIM [Space]	Character " " (Fontcode : 0028 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
_	--	Underscore	Character			Characters	Keyboard alpha [XEQ]	Character _ (Fontcode : 005F ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
_	--	Underscore	Character			Characters	Keyboard alphaSIM [_]	Character _ (Fontcode : 005F ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
-	--	Minus	Character			Characters	Menu [αMath.1]gF5	Mathematical symbol - (Shortcut : alpha g[-] ; Info : Fontcode : 002D ₁₆) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_alphaMATH_page_1.pdf
-	--	Minus	Character			Characters	Keyboard alpha g[-]	Minus (Shortcut : alpha g[-] ; Info : Fontcode : 002D ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
-	-	Subtract	Function (dyadic)			Mathematics	Keyboard [-]	Subtract X from Y Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
-	-	Subtract	Function (dyadic)			Mathematics	Keyboard TAM [-]	Subtract X from Y Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
-	-	Subtract	Function (dyadic)			Mathematics	Keyboard normalSIM [-]	Subtract X from Y Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
-	-	Subtract	Function (dyadic)			Mathematics	Keyboard longpress [-]	Subtract X from Y Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
-	-	Subtract	Function (dyadic)			Mathematics	Keyboard longerpress [-]	Subtract X from Y Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
-∞	--	Minus infinity	Constant			Constants	Menu [CNST.5]fF4	Constant # 77 -∞ inf.minus = -∞ Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_CNST_page_5.pdf
-∞	--	Minus infinity	Constant			Constants	Menu [Tool.1]fF2	Constant # 77 -∞ inf.minus = -∞ Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_ToolInt_EQN_page_1.pdf
-∞	--	Minus infinity	Constant			Constants	Menu [Tool.1]fF2	Constant # 77 -∞ inf.minus = -∞ Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_ToolInt_ADV_page_d.pdf
-ZOOM	--	Zoom out on y-axis	Command	0		Plotting	Menu [HPLOT.1]F2	Decrease zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; -ZOOM resets 4Y and 4Y to zero) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_HPLOT_page_1.pdf
-ZOOM	--	Zoom out on y-axis	Command	0		Plotting	Menu [Draw ₀ (PLFUNC).1]gF1	Decrease zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; -ZOOM resets 4Y and 4Y to zero) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DrawYX_page_1.pdf
-ZOOM	--	Zoom out on y-axis	Command	0		Plotting	Menu [Draw (PLFUNC).1]gF1	Decrease zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; -ZOOM resets 4Y and 4Y to zero) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_Draw_page_1.pdf
-ZOOM	--	Zoom out on y-axis	Command	0		Plotting	Menu [PLSTAT.1]gF1	Decrease zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; -ZOOM resets 4Y and 4Y to zero) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PLSTAT_page_1.pdf
-ZOOM	--	Zoom out on y-axis	Command	0		Plotting	Menu [ASSESS.1]F2	Decrease zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; -ZOOM resets 4Y and 4Y to zero) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_ASSESS_page_1.pdf
-ZOOM	--	Zoom out on y-axis	Command	0		Plotting	Menu [PLTFCONS (PLFUNC).1]gF1	Decrease zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; -ZOOM resets 4Y and 4Y to zero) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PLTFCONS_page_1.pdf
,	--	Comma	Character			Characters	Keyboard alpha [,]	Character , (Fontcode : 002C ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
,	--	Comma	Character			Characters	Keyboard alphaSIM [,]	Character , (Fontcode : 002C ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
,	--	Comma	Character			Characters	Menu [αMisc.1]gF4	Special character , (Fontcode : 002C ₁₆) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_alphaMisc_page_1.pdf
;	--	Semicolon	Character			Characters	Keyboard alpha f[.]	Character ; (Shortcut : alpha f[.] ; Info : Fontcode : 003B ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
;	--	Semicolon	Character			Characters	Menu [αMisc.1]gF5	Special character ; (Shortcut : alpha f[.] ; Info : Fontcode : 003B ₁₆) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_alphaMisc_page_1.pdf
:	--	Colon	Character			Characters	Keyboard alpha f[R/S]	Character : ; in the equation editor, the colon can be used to name an expression (<name> : <expression>) (Shortcut : alpha f[R/S] ; Fontcode : 003A ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
:	--	Colon	Character			Characters	Menu [αMisc.1]gF6	Special character : (Shortcut : alpha f[R/S] ; Fontcode : 003A ₁₆) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_alphaMisc_page_1.pdf
:	--	Colon	Character			Characters	Menu [NEW (EQ_EDIT).1]fF4	Character : ; in the equation editor, the colon can be used to name an expression (<name> : <expression>) (Shortcut : alpha f[R/S] ; Fontcode : 003A ₁₆) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_NEW_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
:	--	Colon	Character			Characters	Menu [EDIT (EQ_EDIT).1] fF4	Character : ; in the equation editor, the colon can be used to name an expression (<name> : <expression>) (Shortcut : alpha f[R/S] ; Fontcode : 003A1 ₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
:	--	Colon button	Symbol			Trailing input	Menu [TamLabel.1] F3	Special colon button on (e.g.) [TamLabel.1] F3 to create or specify a local named label for LBL, GT0 or XEQ (TAM : LBL, GT0 or XEQ : __ TamLocalLabel menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLabel_page_1.pdf
:	--	Colon button	Symbol			Trailing input	Menu [TamLbOnly.1] F3	Special colon button on (e.g.) [TamLabel.1] F3 to create or specify a local named label for LBL, GT0 or XEQ (TAM : LBL, GT0 or XEQ : __ TamLocalLabel menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLbOnly_page_1.pdf
!	--	Exclamation mark	Character			Mathematics and characters	Keyboard alpha g[1/x]	In edit equation, used as Factorial x! or Γ(x+1) (Shortcut : alpha g[1/x] ; Info : Fontcode : 0021 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/R47v0_Keyboard_row_2.pdf
!	--	Exclamation mark	Character			Mathematics and characters	Menu [αMisc.2] F1	Special character ! (Shortcut : alpha g[1/x] ; Info : Fontcode : 0021 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
!	--	Exclamation mark	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).3] F1	In edit equation, used as Factorial x! or Γ(x+1) (Shortcut : alpha g[1/x] ; Info : Fontcode : 0021 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_3.pdf
!	--	Exclamation mark	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).3] F1	In edit equation, used as Factorial x! or Γ(x+1) (Shortcut : alpha g[1/x] ; Info : Fontcode : 0021 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_3.pdf
¡	--	Inverted exclamation mark	Character			Characters	Menu [αMisc.1] gF1	Special character ¡ (Fontcode : 00A1 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
?	--	Question mark	Character			Characters	Keyboard alpha [R/S]	Character ? (Fontcode : 003F ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/R47v0_Keyboard_row_8.pdf
?	--	Question mark	Character			Characters	Keyboard alphaSIM [?]	Character ? (Fontcode : 003F ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/R47v0_Keyboard_row_8.pdf
?	--	Question mark	Character			Characters	Menu [αMisc.2] F2	Special character ? (Fontcode : 003F ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
¿	--	Inverted question mark	Character			Characters	Menu [αMisc.1] gF2	Special character ¿ (Fontcode : 00BF ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
.	--	Full stop	Character			Characters	Keyboard alpha g[.]	Character . (Shortcut : alpha g[.] ; Info : Fontcode : 002E ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/R47v0_Keyboard_row_8.pdf
.	--	Full stop	Character			Characters	Keyboard TAM [.]	Character . (Shortcut : alpha g[.] ; Info : Fontcode : 002E ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/R47v0_Keyboard_row_8.pdf
.	--	Full stop	Character			Characters	Menu [αMisc.1] gF3	Special character . (Shortcut : alpha g[.] ; Info : Fontcode : 002E ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
.	--	Radix	Symbol			Numeric input	Keyboard [.]	Enter radix (default ".") (Info : Second press enters fraction mode ; set default symbol in menu RADIX from menu [DISP.1] gF2) Ref : https://n7calc.com/doc/R47/Keyboard/R47v0_Keyboard_row_8.pdf
.	--	Radix	Symbol			Numeric input	Keyboard normalSIM [.]	Enter radix (default ".") (Info : Second press enters fraction mode ; set default symbol in menu RADIX from menu [DISP.1] gF2) Ref : https://n7calc.com/doc/R47/Keyboard/R47v0_Keyboard_row_8.pdf
...	--	Ellipsis	Character			Characters	See description	Character ... (Fontcode : 2026 ₁₆)
...EL	RCL _{EL}	Recall matrix element	Command (TAM)			Trailing input	Menu [TamRcl.1] gF1	Presented in menu TamRcl to recall current element of indexed matrix (Shortcut : [RCL] - ...EL ; TI : M[I _r ,J _c]=<name> [<row> <col>]=) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...EL	STO _{EL}	Store X into matrix element	Command (TAM)			Trailing input	Menu [TamSto.1] gF1	Presented in menu TamSto to store X into current element of indexed matrix (Shortcut : [STO] - Config ; TI : M[I _r ,J _c]=<name> [<row> <col>]=) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...IJ	RCL _{IJ}	Recall current matrix index	Command (TAM)			Trailing input	Menu [TamRcl.1] gF2	Presented in menu TamRcl to recall current matrix index (row I and column J) (Shortcut : [RCL] - ...IJ ; TI : M<name> :I:= ; M<name> :J:=) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...IJ	STO _{IJ}	Set current matrix index	Command (TAM)			Trailing input	Menu [TamSto.1] gF2	Presented in menu TamSto to set current matrix index (row I and column J) (Shortcut : [STO] - ...IJ ; TI : M<name> :I:= ; M<name> :J:=) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...INDEX	INDEX	Index matrix	Command (TAM)			Trailing input	Menu [TamSto.1] fF4	Presented in menu TamSto to Index matrix in a register or variable ; set row I to 1, column J to 1 ; clear flags WRPEdG and WRPEnd ; index wraps automatically, setting these flags ; index is dropped upon exit of matrix editor (TAM : INDEX __ Tam menu ; TI : M[I _r ,J _c]=<name> [<row> <col>]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...Max	RCL↑	Recall maximum	Command (TAM)			Trailing input	Menu [TamRcl.1] fF6	Presented in menu TamRcl to recall maximum of X and register or variable (Shortcut : [RCL] - [*] ; TAM : RCL↑ __ TamRcl menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...Max	RCL↑	Recall maximum	Command (TAM)			Trailing input	Menu [TamRclTVM.1] gF4	Presented in menu TamRcl to recall maximum of X and register or variable (Shortcut : [RCL] - [*] ; TAM : RCL↑ __ TamRcl menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
...Max	RCL↑	Recall maximum	Command (TAM)			Trailing input	Menu [TamStoTVM.1] gF4	Presented in menu TamRcl to recall maximum of X and register or variable (Shortcut : [RCL] - [*] ; TAM : RCL↑ __ TamRcl menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
...Max	ST0↑	Store maximum	Command (TAM)			Trailing input	Menu [TamSto.1] fF6	Presented in menu TamSto to store maximum of X and register or variable (Shortcut : [ST0] - [↑] ; TAM : ST0↑ ... TamSto menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...Min	RCL↓	Recall minimum	Command (TAM)			Trailing input	Menu [TamRcl.1] fF5	Presented in menu TamRcl to recall minimum of X and register or variable (Shortcut : [RCL] - [↓] ; TAM : RCL↓ ... TamRcl menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...Min	RCL↓	Recall minimum	Command (TAM)			Trailing input	Menu [TamRclTVM.1] gF3	Presented in menu TamRcl to recall minimum of X and register or variable (Shortcut : [RCL] - [↓] ; TAM : RCL↓ ... TamRcl menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
...Min	RCL↓	Recall minimum	Command (TAM)			Trailing input	Menu [TamStoTVM.1] gF3	Presented in menu TamRcl to recall minimum of X and register or variable (Shortcut : [RCL] - [↓] ; TAM : RCL↓ ... TamRcl menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf
...Min	ST0↓	Store minimum	Command (TAM)			Trailing input	Menu [TamSto.1] fF5	Presented in menu TamSto to store minimum of X and register or variable (Shortcut : [ST0] - [↓] ; TAM : ST0↓ ... TamSto menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...VEL _{nn}	RCLVEL	Recall vector element	Command (TAM)			Trailing input	Menu [TamRcl.1] fF3	Presented in menu TamRcl to recall element n (TAM) of vector or matrix in X (Shortcut : [RCL] - ...VEL _{nn} ; TAM : RCLVEL ... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...VEL _{nn}	STOVEL	Store X into vector element	Command (TAM)			Trailing input	Menu [TamSto.1] fF3	Presented in menu TamSto to store X into element n (TAM) of vector or matrix in Y (Shortcut : [ST0] - ...VEL _{nn} ; TAM : STOVEL ... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...VEL ₁	RCLVEL ₁	Recall vector element 1	Command (TAM)			Trailing input	Menu [TamRcl.1] gF3	Presented in menu TamRcl to recall element 1 of vector or matrix in X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...VEL ₁	STOVEL ₁	Store X into vector element 1	Command (TAM)			Trailing input	Menu [TamSto.1] gF3	Presented in menu TamSto to store X into element 1 of vector or matrix in Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...VEL ₂	RCLVEL ₂	Recall vector element 2	Command (TAM)			Trailing input	Menu [TamRcl.1] gF4	Presented in menu TamRcl to recall element 2 of vector or matrix in X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...VEL ₂	STOVEL ₂	Store X into vector element 2	Command (TAM)			Trailing input	Menu [TamSto.1] gF4	Presented in menu TamSto to store X into element 2 of vector or matrix in Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
...VEL ₃	RCLVEL ₃	Recall vector element 3	Command (TAM)			Trailing input	Menu [TamRcl.1] gF5	Presented in menu TamRcl to recall element 3 of vector or matrix in X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
...VEL ₃	STOVEL ₃	Store X into vector element 3	Command (TAM)			Trailing input	Menu [TamSto.1] gF5	Presented in menu TamSto to store X into element 3 of vector or matrix in Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
.d	--	Decimal (Real) or Date	Function (monadic)			Reals	Menu [CLK.1] fF5 (Also) reached from MENU (item) DTSET	Convert to decimal (Real) or date value ; untag (ADM) angle ; clear Fractions Mode, #BASE Mode ; convert angles / Times / Dates to Real ; convert NIM input to Date (according to CLK date format settings and implied conversion set by YY ; convert Complex number with zero imaginary part to Real ; when editing angles using EDIT, key .d removes the angle tag (Normal Mode and PEM) ; when editing short integers, key .d removes the base (Normal Mode and PEM) ; in PEM, .d registers as #REAL (TI : decimal h: or yyyy.mmdd ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf
.d	--	Decimal (Real) or Date	Function (monadic)			Reals	Menu [BLUE47.1] gF4	Convert to decimal (Real) or date value ; untag (ADM) angle ; clear Fractions Mode, #BASE Mode ; convert angles / Times / Dates to Real ; convert NIM input to Date (according to CLK date format settings and implied conversion set by YY ; convert Complex number with zero imaginary part to Real ; when editing angles using EDIT, key .d removes the angle tag (Normal Mode and PEM) ; when editing short integers, key .d removes the base (Normal Mode and PEM) ; in PEM, .d registers as #REAL (TI : decimal h: or yyyy.mmdd ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE47_page_1.pdf
.d	--	Decimal (Real) or Date	Function (monadic)			Reals	Keyboard g[y*]	Convert to decimal (Real) or date value ; untag (ADM) angle ; clear Fractions Mode, #BASE Mode ; convert angles / Times / Dates to Real ; convert NIM input to Date (according to CLK date format settings and implied conversion set by YY ; convert Complex number with zero imaginary part to Real ; when editing angles using EDIT, key .d removes the angle tag (Normal Mode and PEM) ; when editing short integers, key .d removes the base (Normal Mode and PEM) ; in PEM, .d registers as #REAL (TI : decimal h: or yyyy.mmdd ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
.d	--	Decimal (Real) or Date	Function (monadic)			Reals	Keyboard longerpress [y*]	Convert to decimal (Real) or date value ; untag (ADM) angle ; clear Fractions Mode, #BASE Mode ; convert angles / Times / Dates to Real ; convert NIM input to Date (according to CLK date format settings and implied conversion set by YY ; convert Complex number with zero imaginary part to Real ; when editing angles using EDIT, key .d removes the angle tag (Normal Mode and PEM) ; when editing short integers, key .d removes the base (Normal Mode and PEM) ; in PEM, .d registers as #REAL (TI : decimal h: or yyyy.mmdd ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
.d	→REAL	Convert to Real number	Function (monadic)			Reals	Catalog CAT.FCNS →REAL	Convert to Real number (1.0-1.5) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
.ms	.ms	Minutes & seconds	Function (monadic, cyclic)			Time/angle conversions	Menu [TR6.1] fF3	Convert sexagesimal format input sequence or decimal stack value to hh:mm:ss hours or dd°mm'ss" degrees (cyclic) (Info : NIM input treated as sexagesimal (hh/dd.mmss) format ; stack input treated as decimal value) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_TR6_page_1.pdf
.ms	.ms	Minutes & seconds	Function (monadic, cyclic)			Time/angle conversions	Menu [BLUE47.1] gF3	Convert sexagesimal format input sequence or decimal stack value to hh:mm:ss hours or dd°mm'ss" degrees (cyclic) (Info : NIM input treated as sexagesimal (hh/dd.mmss) format ; stack input treated as decimal value) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_BLUE47_page_1.pdf
.ms	.ms	Minutes & seconds	Function (monadic, cyclic)			Time/angle conversions	Keyboard g[1/x]	Convert sexagesimal format input sequence or decimal stack value to hh:mm:ss hours or dd°mm'ss" degrees (cyclic) (Info : NIM input treated as sexagesimal (hh/dd.mmss) format ; stack input treated as decimal value) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
.ms	.ms	Minutes & seconds	Function (monadic, cyclic)			Time/angle conversions	Menu [TR6_R47.1] gF3	Convert sexagesimal format input sequence or decimal stack value to hh:mm:ss hours or dd°mm'ss" degrees (cyclic) (Info : NIM input treated as sexagesimal (hh/dd.mmss) format ; stack input treated as decimal value) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_TR6_R47_page_1.pdf
.ms	.ms	Minutes & seconds	Function (monadic, cyclic)			Time/angle conversions	Keyboard longerpress [1/x]	Convert sexagesimal format input sequence or decimal stack value to hh:mm:ss hours or dd°mm'ss" degrees (cyclic) (Info : NIM input treated as sexagesimal (hh/dd.mmss) format ; stack input treated as decimal value) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
.ms ⁻¹	.ms ⁻¹	Sexagesimal	Function (monadic)			Time/angle conversions	Menu [CLK.1] fF4 (Also) reached from MENU (item) DTSET	Convert hh:mm:ss hours or dd°mm'ss" degrees to sexagesimal format number (untag) (TI : hh/dd.mmss ; Info : puts sexagesimal NIM input of .ms back as decimal number on the stack) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_CLK_page_1.pdf
.ms ⁻¹	.ms ⁻¹	Sexagesimal	Function (monadic)			Time/angle conversions	Menu [TR6.1] fF4	Convert hh:mm:ss hours or dd°mm'ss" degrees to sexagesimal format number (untag) (TI : hh/dd.mmss ; Info : puts sexagesimal NIM input of .ms back as decimal number on the stack) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_TR6_page_1.pdf
.ms ⁻¹	.ms ⁻¹	Sexagesimal	Function (monadic)			Time/angle conversions	Menu [TR6_R47.1] gF4	Convert hh:mm:ss hours or dd°mm'ss" degrees to sexagesimal format number (untag) (TI : hh/dd.mmss ; Info : puts sexagesimal NIM input of .ms back as decimal number on the stack) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_TR6_R47_page_1.pdf
.	--	Middle dot	Character			Characters	See description	Character . (Fontcode : 00B7 ₁₆)
-f	--	femto	Command (nonpgm)			Numeric input	Menu [Prefix.1] fF5	Factor 10 ⁻¹⁵ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-G	--	Giga	Command (nonpgm)			Numeric input	Menu [Prefix.1] F3	Factor 10 ⁹ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-Gi	--	Giga binary	Command (nonpgm)			Numeric input	Menu [Prefix.1] gF3	Factor 10 ³⁰ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-k	--	kilo	Command (nonpgm)			Numeric input	Menu [Prefix.1] F1	Factor 10 ³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-k	--	kilo	Command (nonpgm)			Numeric input	Menu [MatPrp.1] F6	Factor 10 ³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MatPrp_page_1.pdf
-k	--	kilo	Command (nonpgm)			Numeric input	Menu [MLoads.1] F6	Factor 10 ³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MLoads_page_1.pdf
-k	--	kilo	Command (nonpgm)			Numeric input	Menu [PLoads.1] F6	Factor 10 ³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_PLoads_page_1.pdf
-k	--	kilo	Command (nonpgm)			Numeric input	Menu [FLoads.1] F6	Factor 10 ³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_FLoads_page_1.pdf
-k	--	kilo	Command (nonpgm)			Numeric input	Menu [SecPrp.1] F6	Factor 10 ³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_SecPrp_page_1.pdf
-Ki	--	Kilo binary	Command (nonpgm)			Numeric input	Menu [Prefix.1] gF1	Factor 10 ¹⁰ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-M	--	Mega	Command (nonpgm)			Numeric input	Menu [Prefix.1] F2	Factor 10 ⁶ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-m	--	milli	Command (nonpgm)			Numeric input	Menu [Prefix.1] fF1	Factor 10 ⁻³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-m	--	milli	Command (nonpgm)			Numeric input	Menu [MatPrp.1] F5	Factor 10 ⁻³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MatPrp_page_1.pdf
-m	--	milli	Command (nonpgm)			Numeric input	Menu [MLoads.1] F5	Factor 10 ⁻³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MLoads_page_1.pdf
-m	--	milli	Command (nonpgm)			Numeric input	Menu [PLoads.1] F5	Factor 10 ⁻³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_PLoads_page_1.pdf
-m	--	milli	Command (nonpgm)			Numeric input	Menu [FLoads.1] F5	Factor 10 ⁻³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_FLoads_page_1.pdf
-m	--	milli	Command (nonpgm)			Numeric input	Menu [SecPrp.1] F5	Factor 10 ⁻³ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_SecPrp_page_1.pdf
-Mi	--	Mega binary	Command (nonpgm)			Numeric input	Menu [Prefix.1] gF2	Factor 10 ²⁰ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-n	--	nano	Command (nonpgm)			Numeric input	Menu [Prefix.1] fF3	Factor 10 ⁻⁹ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-P	--	Peta	Command (nonpgm)			Numeric input	Menu [Prefix.1] F5	Factor 10 ¹⁵ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-p	--	pico	Command (nonpgm)			Numeric input	Menu [Prefix.1] fF4	Factor 10 ⁻¹² Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf
-Pi	--	Peta binary	Command (nonpgm)			Numeric input	Menu [Prefix.1] gF5	Factor 10 ⁵⁰ Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Prefix_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\cdot T$	--	Tera	Command (nonpgm)			Numeric input	Menu [Prefix.1]F4	Factor 10^{12} Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Prefix_page_1.pdf
$\cdot Ti$	--	Tera binary	Command (nonpgm)			Numeric input	Menu [Prefix.1]gF4	Factor 10^{10} Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Prefix_page_1.pdf
μ	--	micro	Command (nonpgm)			Numeric input	Menu [Prefix.1]fF2	Factor 10^{-6} Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Prefix_page_1.pdf
'	--	Apostrophe	Character			Characters	Menu [oMisc.1]F8	Special character ' (Fontcode : 0021 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
'	--	Left single quotation mark	Character			Characters	See description	Character ' (Fontcode : 2018 ₁₆)
'	--	Right single quotation mark	Character			Characters	Menu [oMath.3]fF3	Mathematical symbol ' (Fontcode : 2019 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_3.pdf
,	--	Single low-9 quotation mark	Character			Characters	See description	Character , (Fontcode : 201A ₁₆)
'	--	Single high-reversed-9 quotation mark	Character			Characters	See description	Character ' (Fontcode : 201B ₁₆)
"	--	Quotation mark	Character			Characters	Menu [oMisc.1]fF1	Special character " (Fontcode : 0022 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
"	--	Left double quotation mark	Character			Characters	Menu [oMisc.4]gF2	Special character " (Fontcode : 201C ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
"	--	Right double quotation mark	Character			Characters	Menu [oMath.3]fF4	Mathematical symbol " (Fontcode : 201D ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_3.pdf
"	--	Right double quotation mark	Character			Characters	Menu [oMisc.4]gF3	Special character " (Fontcode : 201E ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
"	--	Double low-9 quotation mark	Character			Characters	See description	Character „ (Fontcode : 201E ₁₆)
"	--	Double high-reversed-9 quotation mark	Character			Characters	See description	Character " (Fontcode : 201F ₁₆)
«	--	Left French quotation mark	Character			Characters	Menu [oMisc.3]F5	Special character « (Fontcode : 00AB ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
»	--	Right French quotation mark	Character			Characters	Menu [oMisc.3]F8	Special character » (Fontcode : 00BB ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
(	--	Left parenthesis	Character			Mathematics and characters	Menu [oMath.1]fF3	Mathematical symbol ((Fontcode : 0028 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
(	--	Left parenthesis	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).1]fF5	Open (left) parenthesis (Fontcode : 0028 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
(	--	Left parenthesis	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).1]fF5	Open (left) parenthesis (Fontcode : 0028 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
()	--	Pair of parentheses	Character			Characters	See description	Characters ()
$(-i)^x$	$(-i)^x$	Cosine of πx	Function (monadic)			Mathematics	Menu [X.FN.1]fF5	Cosine of πx ; for complex parameter : $(-i)^x = e^{i\pi x} = \cos(\pi x) + i\sin(\pi x)$ (Info : Esp. for non-integer x) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
10	--	exponent mark	Character			Characters	See description	Character μ (Fontcode : 247D ₁₆)
a	--	Superscript a	Character			Characters	See description	Character a (Fontcode : 2482 ₁₆)
b	--	Superscript b	Character			Characters	See description	Character b (Fontcode : 2483 ₁₆)
c	--	Superscript c	Character			Characters	See description	Character c (Fontcode : 2484 ₁₆)
d	--	Superscript d	Character			Characters	See description	Character d (Fontcode : 2485 ₁₆)
e	--	Superscript e	Character			Characters	See description	Character e (Fontcode : 2486 ₁₆)
f	--	Superscript f	Character			Characters	See description	Character f (Fontcode : 2487 ₁₆)
a	--	Subscript a	Character			Characters	See description	Character $_a$ (Fontcode : 249C ₁₆)
(ASM active)	--	ASM active	SBI	Blank	_	Text input	See description	Alpha Selection Mode active
(ASM search)	--	ASM search	SBI	Blank	AB	Text input	See description	Alpha Selection Mode two letter search
b	--	Subscript b	Character			Characters	See description	Character $_b$ (Fontcode : 249D ₁₆)
(Busy)	--	Calculator busy	SBI	Blank	X	Status	See description	Calculator busy
c	--	Subscript c	Character			Characters	See description	Character $_c$ (Fontcode : 249E ₁₆)
d	--	Subscript d	Character			Characters	See description	Character $_d$ (Fontcode : 249F ₁₆)
e	--	Subscript e	Character			Characters	See description	Character $_e$ (Fontcode : 24A0 ₁₆)
f	--	Subscript f	Character			Characters	See description	Character $_f$ (Fontcode : 24A1 ₁₆)
g	--	Subscript g	Character			Characters	See description	Character $_g$ (Fontcode : 24A2 ₁₆)
h	--	Subscript h	Character			Characters	See description	Character $_h$ (Fontcode : 24A3 ₁₆)
i	--	Subscript i	Character			Characters	See description	Character $_i$ (Fontcode : 24A4 ₁₆)
j	--	Subscript j	Character			Characters	See description	Character $_j$ (Fontcode : 24A5 ₁₆)
k	--	Subscript k	Character			Characters	See description	Character $_k$ (Fontcode : 24A6 ₁₆)
l	--	Subscript l	Character			Characters	See description	Character $_l$ (Fontcode : 24A7 ₁₆)
m	--	Subscript m	Character			Characters	See description	Character $_m$ (Fontcode : 24A8 ₁₆)
n	--	Subscript n	Character			Characters	See description	Character $_n$ (Fontcode : 24A9 ₁₆)
o	--	Subscript o	Character			Characters	See description	Character $_o$ (Fontcode : 24AA ₁₆)
p	--	Subscript p	Character			Characters	See description	Character $_p$ (Fontcode : 24AB ₁₆)
q	--	Subscript q	Character			Characters	See description	Character $_q$ (Fontcode : 24AC ₁₆)
r	--	Subscript r	Character			Characters	See description	Character $_r$ (Fontcode : 24AD ₁₆)
(Running)	--	Program running	SBI	Blank	P	Status	See description	Program running
s	--	Subscript s	Character			Characters	See description	Character $_s$ (Fontcode : 24AE ₁₆)
t	--	Subscript t	Character			Characters	See description	Character $_t$ (Fontcode : 24AF ₁₆)
u	--	Subscript u	Character			Characters	See description	Character $_u$ (Fontcode : 24B0 ₁₆)
v	--	Subscript v	Character			Characters	See description	Character $_v$ (Fontcode : 24B1 ₁₆)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
w	--	Subscript w	Character			Characters	See description	Character w (Fontcode : 24B21 ₆)
(Waiting)	--	Program waiting	SBI	Blank	0	Status	See description	Program waiting (user input required)
x	--	Subscript x	Character			Characters	See description	Character x (Fontcode : 24B31 ₆)
y	--	Subscript y	Character			Characters	See description	Character y (Fontcode : 24B41 ₆)
z	--	Subscript z	Character			Characters	See description	Character z (Fontcode : 24B51 ₆)
$(\chi^2)^{-1}$	$(\chi^2)^{-1}$	Chi-squared qf (inverse)	Function (monadic)			Probability (real)	Menu [χ^2 :1] F8	Chi-squared inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ch2_page_1.pdf
)	--	Right parenthesis	Character			Mathematics and characters	Menu [oMath.1] fF4	Mathematical symbol) (Fontcode : 00291 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
)	--	Right parenthesis	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).1] fF6	Close (right) parenthesis (Fontcode : 00291 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
)	--	Right parenthesis	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).1] fF6	Close (right) parenthesis (Fontcode : 00291 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
[	--	Left square bracket	Character			Characters	Menu [oMath.1] fF2	Mathematical symbol [(Fontcode : 005B1 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
[.]	--	Stopwatch key [.]	Shortcut (key)			Stopwatch	Menu [STOPW.1] gF4	Keyboard shortcut for button LAP+R "Store lap time in register" Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
[+]	--	Stopwatch key [+]	Shortcut (key)			Stopwatch	Menu [STOPW.1] gF6	Keyboard shortcut for button RESET "Reset stopwatch" Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
[+]	--	Stopwatch key [+]	Shortcut (key)			Stopwatch	Menu [STOPW.1] gF2	Keyboard shortcut for button LAP+X "Add lap time to STATS" Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
[A]	op_A	Create 3x3 A-Matrix	Command			Electrical engineering	Menu [ELEC.1] fF5	Create 3x3 A-Matrix relating to Fortescue's Symmetrical Components -- see https://en.wikipedia.org/wiki/Symmetrical_components#A_matrix [https://en.wikipedia.org/wiki/Symmetrical_components#A_matrix] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
[A ⁻¹]	op_A ⁻¹	Create 3x3 A(Inverse)-Matrix	Command			Electrical engineering	Menu [ELEC.1] fF8	Create 3x3 A(Inverse)-Matrix relating to Fortescue's Symmetrical Components -- see https://en.wikipedia.org/wiki/Symmetrical_components#A_matrix [https://en.wikipedia.org/wiki/Symmetrical_components#A_matrix] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
[ENTER]	--	Stopwatch key [ENTER]	Shortcut (key)			Stopwatch	Menu [STOPW.1] gF3	Keyboard shortcut for button TIM+R "Store time in register" Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
[M] ^T	[M] ^T	Transpose matrix	Function (monadic)			Matrix operations	Menu [MATX.1] F2	Transpose matrix in X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
[M] ^T	[M] ^T	Transpose matrix	Function (monadic)			Matrix operations	Menu [MATX.2] fF3	Transpose matrix in X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_2.pdf
[M] ⁻¹	[M] ⁻¹	Invert matrix	Function (monadic)			Matrix operations	Menu [ELEC.1] F4	Invert matrix in X (exists only when M ≠ 0) (Shortcut : [1/x] ; Info : Error 22 -- Singular matrix -- is raised when M = 0) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
[M] ⁻¹	[M] ⁻¹	Invert matrix	Function (monadic)			Matrix operations	Menu [MATX.2] F1	Invert matrix in X (exists only when M ≠ 0) (Shortcut : [1/x] ; Info : Error 22 -- Singular matrix -- is raised when M = 0) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_2.pdf
[R/S]	--	Stopwatch key [R/S]	Shortcut (key)			Stopwatch	Menu [STOPW.1] gF5	Keyboard shortcut for button R/S "Start/stop stopwatch" Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
[Σ+]	--	Stopwatch key [Σ+]	Shortcut (key)			Stopwatch	Menu [STOPW.1] gF1	Keyboard shortcut for button TIM+X "Add time to STATS" (Info : [Σ+] shortcut key is not available in this layout, may be created using keyboard assignment) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
]	--	Right square bracket	Character			Characters	Menu [oMath.1] fF5	Mathematical symbol] (Fontcode : 005D1 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
{	--	Left curly bracket	Character			Characters	Menu [oMath.1] fF1	Mathematical symbol { (Fontcode : 007B1 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
}	--	Right curly bracket	Character			Characters	Menu [oMath.1] fF6	Mathematical symbol } (Fontcode : 007D1 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
§	--	Section	Character			Characters	Menu [oMisc.3] fF3	Special character § (Fontcode : 00A71 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
@	--	At	Character			Characters	Menu [oMisc.1] F3	Special character @ (Fontcode : 00401 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
*	--	Asterisk	Character			Characters	Menu [oMisc.3] fF6	Special character * (Fontcode : 002A1 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
/	--	Slash	Character			Characters	Menu [oMath.1] gF2	Mathematical symbol / (Shortcut : alpha g[R/S] ; Info : Fontcode : 002F1 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
/	--	Slash	Character			Characters	Keyboard alpha g[R/S]	Character / (Shortcut : alpha g[R/S] ; Info : Fontcode : 002F1 ₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
\	--	Back slash	Character			Characters	Menu [oMath.1] gF1	Mathematical symbol \ (Fontcode : 005C1 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
&	--	Ampersand	Character			Characters	Menu [oMath.3] F6	Mathematical symbol & (Fontcode : 00261 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_3.pdf
&	--	Ampersand	Character			Characters	Menu [oMisc.1] F4	Special character & (Fontcode : 00261 ₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
#	→INT	Number base	Setting (pgm, stack)	OFF	#BASE ; #KEYA-r	Number bases	Menu [BASE.1] F5	Set number base ; operates on all stack registers depending on BASEw (TAM : →INT __ TamNonReg menu ; wTAM shortcuts : B = BIN ; D = DEC ; ENTER = DEC ; H = HEX ; Info : SBI is shown if flag SBFrac is SET ; exit base mode by .d, +L, [-] or CLRMDD (longerpress [EXIT])) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
#	→INT	Number base	Setting (pgm, stack)	OFF	#BASE ; #KEYA-F	Number bases	Menu [BLUEV7.1] g F2	Set number base ; operates on all stack registers depending on BASE _{Exp} (TAM : →INT __ TamNonReg menu ; #TAM shortcuts : B = BIN ; D = DEC ; ENTER = DEC ; H = HEX ; Info : SBI is shown if flag SBfrac is SET ; exit base mode by .d, +I, [,] or CLRMOD (longerpress [EXIT])) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUEV7_page_1.pdf
#	→INT	Number base	Setting (pgm, stack)	OFF	#BASE ; #KEYA-F	Number bases	Keyboard g [LN]	Set number base ; operates on all stack registers depending on BASE _{Exp} (TAM : →INT __ TamNonReg menu ; #TAM shortcuts : B = BIN ; D = DEC ; ENTER = DEC ; H = HEX ; Info : SBI is shown if flag SBfrac is SET ; exit base mode by .d, +I, [,] or CLRMOD (longerpress [EXIT])) Ref : https://N7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_2.pdf
#	→INT	Number base	Setting (pgm, stack)	OFF	#BASE ; #KEYA-F	Number bases	Keyboard longerpress [LN]	Set number base ; operates on all stack registers depending on BASE _{Exp} (TAM : →INT __ TamNonReg menu ; #TAM shortcuts : B = BIN ; D = DEC ; ENTER = DEC ; H = HEX ; Info : SBI is shown if flag SBfrac is SET ; exit base mode by .d, +I, [,] or CLRMOD (longerpress [EXIT])) Ref : https://N7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_2.pdf
#	--	Number sign	Character			Number bases and characters	Keyboard alpha g [LN]	Number sign, used for Short integer (8.02-8.16) base (Shortcut : alpha g [LN] ; Info : Fontcode : 0023 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_2.pdf
#	--	Number sign	Character			Number bases and characters	Menu [αMisc.1] F2	Special character # (Shortcut : alpha g [LN] ; Info : Fontcode : 0023 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMisc_page_1.pdf
#	--	Zero	Constant			Constants	See description	Constant # 79 zero = 0
#B	#B	Get number of bits set	Function (monadic)			Number bases	Menu [BITS.1] f F4 (Also) reached from MENU (Item) BITSHFT	Get number of bits set Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_1.pdf
#B	#B	Get number of bits set	Function (monadic)			Number bases	Menu [BASE2.2] g F2	Get number of bits set Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE2_page_2.pdf
%	%	Percent	Function (dyadic)			Financial	Menu [FIN.1] F3	X Percent of Y, keeping Y on stack -- see Formula_PC.png : https://N7calc.com/doc/Images/Formula_PC.png Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
%	%	Percent	Function (dyadic)			Financial	Keyboard f [RCL]	X Percent of Y, keeping Y on stack -- see Formula_PC.png : https://N7calc.com/doc/Images/Formula_PC.png Ref : https://N7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_3.pdf
%	%	Percent	Function (dyadic)			Financial	Menu [MyM.3] F1	X Percent of Y, keeping Y on stack -- see Formula_PC.png : https://N7calc.com/doc/Images/Formula_PC.png Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_3.pdf
%	%	Percent	Function (dyadic)			Financial	Menu [MyM.7] F3	X Percent of Y, keeping Y on stack -- see Formula_PC.png : https://N7calc.com/doc/Images/Formula_PC.png Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_7.pdf
%	%	Percent	Function (dyadic)			Financial	Keyboard longpress [RCL]	X Percent of Y, keeping Y on stack -- see Formula_PC.png : https://N7calc.com/doc/Images/Formula_PC.png Ref : https://N7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_3.pdf
%	--	Percent	Character			Characters	Menu [αMisc.1] F5	Special character % (Fontcode : 0025 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMisc_page_1.pdf
%+MG	%+MG	Sales price having margin	Function (dyadic)			Financial	Menu [FIN.1] F5	Find sales price having margin of X percent over cost Y : %+MG = Y / (1 - X/100) -- see Formula_PCPMG.png : https://N7calc.com/doc/Images/Formula_PCPMG.png (Info : Margin is percentage of sales price) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
%+MG	%+MG	Sales price having margin	Function (dyadic)			Financial	Menu [MyM.7] F1	Find sales price having margin of X percent over cost Y : %+MG = Y / (1 - X/100) -- see Formula_PCPMG.png : https://N7calc.com/doc/Images/Formula_PCPMG.png (Info : Margin is percentage of sales price) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_7.pdf
%MRR	%MRR	Mean rate of return	Command			Financial	Menu [FIN.1] F6	Mean rate of return in percentage per period : %MRR = 100 x (x/y - 1) ^ (1/z) -- see Formula_PCMRR.png : https://N7calc.com/doc/Images/Formula_PCMRR.png (TI : % :) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
%T	%T	Percentage of total	Function (dyadic)			Financial	Menu [FIN.1] F2	Percentage of total, keeping Y on stack -- see Formula_PCT.png : https://N7calc.com/doc/Images/Formula_PCT.png (TI : % :) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
%T	%T	Percentage of total	Function (dyadic)			Financial	Menu [MyM.7] F2	Percentage of total, keeping Y on stack -- see Formula_PCT.png : https://N7calc.com/doc/Images/Formula_PCT.png (TI : % :) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_7.pdf
%Σ	%Σ	Percentage of sum	Function (monadic)			Financial	Menu [FIN.1] g F2	Percentage of x to Ix : %Σ = 100 x / Ix -- see Formula_PCSIGMA.png : https://N7calc.com/doc/Images/Formula_PCSIGMA.png (TI : % :) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
%Σ,Δ%Σ ₁	%Σ,Δ%Σ ₁	Pct of sum and delta pct to mean	Function (monadic)			Financial	Menu [FIN.1] g F3	Percentage of x to Ix and delta percentage to mean using statistics matrix (STATS) (TI : Δ% : ; % :) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
I	--	Binary 1	Character			Characters	See description	Character I (Fontcode : 2027 ₁₆)
^	--	Raise to power	Character			Mathematics and characters	Menu [αMath.2] F1	Mathematical symbol ^ (Shortcut : alpha g [y*] ; Info : Fontcode : 005E ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_2.pdf
^	--	Raise to power	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).1] F3	Raise to power (Shortcut : alpha g [y*] ; Info : Fontcode : 005E ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NEW_page_1.pdf
^	--	Raise to power	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).1] F3	Raise to power (Shortcut : alpha g [y*] ; Info : Fontcode : 005E ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EDIT_EQN_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
^	--	Circumflex accent	Character			Mathematics and characters	Keyboard alpha g [y*]	Raise to power (Shortcut : alpha g [y*] ; Info : Fontcode : 005E ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
^MOD	^MOD	Z*Y modulo X	Function (triadic)			Integers	Menu [INTS.1] g F4	Z*Y modulo X Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_INTS_page_1.pdf
°	--	Degree sign	Character			Characters	Menu [oMath.3] f F2	Mathematical symbol ° (Fontcode : 00B8 ₁₆) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_alphaMATH_page_3.pdf
°C→°F	--	°C to °F	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] F1	Convert degrees Celsius to degrees Fahrenheit (TI : °F) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Temp_page_1.pdf
°C→K	--	°C to K	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] F3	Convert degrees Celsius to Kelvin (TI : K) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Temp_page_1.pdf
°F→°C	--	°F to °C	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] F2	Convert degrees Fahrenheit to degrees Celsius (TI : °C) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Temp_page_1.pdf
°F→°R	--	°F to °R	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] f F2	Convert degrees Fahrenheit to degrees Rankine (TI : °R) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Temp_page_1.pdf
°F→K	--	°F to K	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] F5	Convert degrees Fahrenheit to Kelvin (TI : K) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Temp_page_1.pdf
°R→°F	--	°R to °F	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] f F1	Convert degrees Rankine to degrees Fahrenheit (TI : °F) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Temp_page_1.pdf
°R→K	--	°R to K	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] f F3	Convert degrees Rankine to Kelvin (TI : K) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Temp_page_1.pdf
° C	--	Overflow Carry	Character			Characters	See description	Character ° (Fontcode : 00A9 ₁₆)
⬅	--	Backspace	Command (nonpgm)		<no annunciator>	Cleanup	Keyboard normalSIM [BKSPC]	Backspace : clear input when in Numeric Input Mode ; when not in NIM, executes DROPx ; CLX depending on whether flag «DROP is SET or CLEAR (default CLEAR) (Info : To assign « to a key or button, use ASN (g [DRG]) and spell the name as 'BKSPC' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
⬅	--	Backspace	Command (nonpgm)		<no annunciator>	Cleanup	Keyboard alphaSIM [BKSPC]	Backspace : clear input when in Numeric Input Mode ; when not in NIM, executes DROPx ; CLX depending on whether flag «DROP is SET or CLEAR (default CLEAR) (Info : To assign « to a key or button, use ASN (g [DRG]) and spell the name as 'BKSPC' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
⬅	--	Backspace	Command (nonpgm)		<no annunciator>	Cleanup	Keyboard [⬅]	Backspace : clear input when in Numeric Input Mode ; when not in NIM, executes DROPx ; CLX depending on whether flag «DROP is SET or CLEAR (default CLEAR) (Info : To assign « to a key or button, use ASN (g [DRG]) and spell the name as 'BKSPC' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
⬅	--	Backspace	Command (nonpgm)		<no annunciator>	Cleanup	Keyboard alpha [⬅]	Backspace : clear input when in Numeric Input Mode ; when not in NIM, executes DROPx ; CLX depending on whether flag «DROP is SET or CLEAR (default CLEAR) (Info : To assign « to a key or button, use ASN (g [DRG]) and spell the name as 'BKSPC' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
⬅	--	Backspace	Command (nonpgm)		<no annunciator>	Cleanup	Keyboard TAM [⬅]	Backspace : clear input when in Numeric Input Mode ; when not in NIM, executes DROPx ; CLX depending on whether flag «DROP is SET or CLEAR (default CLEAR) (Info : To assign « to a key or button, use ASN (g [DRG]) and spell the name as 'BKSPC' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
⬅	--	Backspace	Command (nonpgm)		<no annunciator>	Cleanup	Keyboard #TAM [⬅]	Backspace : clear input when in Numeric Input Mode ; when not in NIM, executes DROPx ; CLX depending on whether flag «DROP is SET or CLEAR (default CLEAR) (Info : To assign « to a key or button, use ASN (g [DRG]) and spell the name as 'BKSPC' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
⬅	--	Move cursor left	Arrow			Navigation	Menu [NEW (EQ_EDIT).1] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_NEW_page_1.pdf
⬅	--	Move cursor left	Arrow			Navigation	Menu [NEW (EQ_EDIT).2] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_NEW_page_2.pdf
⬅	--	Move cursor left	Arrow			Navigation	Menu [NEW (EQ_EDIT).3] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_NEW_page_3.pdf
⬅	--	Move cursor left	Arrow			Navigation	Menu [EDIT (EQ_EDIT).1] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDIT_EQN_page_1.pdf
⬅	--	Move cursor left	Arrow			Navigation	Menu [EDIT (EQ_EDIT).2] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDIT_EQN_page_2.pdf
⬅	--	Move cursor left	Arrow			Navigation	Menu [EDIT (EQ_EDIT).3] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDIT_EQN_page_3.pdf
⬅	--	Move left	Arrow			Navigation and characters	Menu [M_EDIT.1] F5 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Move left one position (Fontcode : 2198 ₁₆) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_M_EDIT_page_1.pdf
⬅	--	Move left	Arrow			Navigation and characters	Menu [EDITN (M_EDIT).1] F5	Move left one position (Fontcode : 2198 ₁₆) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDITN_page_1.pdf
⬅	--	Move left	Character			Navigation and characters	Menu [oMisc.2] F5	Special character « (Fontcode : 2198 ₁₆) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_alphaMisc_page_2.pdf
⬅	--	Move left	Arrow			Navigation and characters	Menu [EDIT (M_EDIT).1] F5	Move left one position (Fontcode : 2198 ₁₆) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDIT_MATX_page_1.pdf
⬅	--	Cursor left	Arrow			Text input	Menu [ALPHA.1] F5 (Also) reached from MENU (item) [a]	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_ALPHA__page_1.pdf
⬅	--	Cursor left	Arrow			Text input	Menu [TamAlpha.1] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamAlpha_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
←	--	Cursor left	Arrow			Text input	Menu [α (ALPHA).1] F5	Move cursor left Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
←DROP	--	[*] executes DROPx or CLX	Flag	CLEAR	<no annunciator>	User interface	Menu [SYS.FL.6] gF6 (Also) reached from MENU (item, nonpgm) CFL6	SET for [*] executing DROPx (when not in NIM) ; CLEAR for [*] executing CLX (when not in NIM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
←DROP	--	[*] executes DROPx or CLX	Flag	CLEAR	<no annunciator>	User interface	Menu [CFL6 (SYS.FL).6] gF6	SET for [*] executing DROPx (when not in NIM) ; CLEAR for [*] executing CLX (when not in NIM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
→	--	Move cursor right	Arrow			Navigation	Menu [NEW (EQ_EDIT).1] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
→	--	Move cursor right	Arrow			Navigation	Menu [NEW (EQ_EDIT).2] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_2.pdf
→	--	Move cursor right	Arrow			Navigation	Menu [NEW (EQ_EDIT).3] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_3.pdf
→	--	Move cursor right	Arrow			Navigation	Menu [EDIT (EQ_EDIT).1] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
→	--	Move cursor right	Arrow			Navigation	Menu [EDIT (EQ_EDIT).2] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_2.pdf
→	--	Move cursor right	Arrow			Navigation	Menu [EDIT (EQ_EDIT).3] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_3.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [Tam.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Tam_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamCmp.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamCmp_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamFlag.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamLabel.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLabel_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamNonReg.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamNonReg_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamNonRegMax.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamNonRegMax_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamMenu.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamMenu_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamNonRegTrk.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamNonRegTrk_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamRcl.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamSto.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamLbOnly.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLbOnly_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamVarOnly.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamVarOnly_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamRclTVM.1] gF1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamStoTVM.1] gF1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf
→	--	Indirection	Command (TAM)			Trailing input	Menu [TamNorm.1] F1	Presented in TAM menus for commands accessing indirect input (Info : Opens TamIndirect menu for the command that activated the current TAM menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamNorm_page_1.pdf
→	--	Move right	Arrow			Navigation and characters	Menu [M_EDIT.1] F6 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Move right one position (Fontcode : 2182 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
→	--	Move right	Arrow			Navigation and characters	Menu [EDITN (M_EDIT).1] F6	Move right one position (Fontcode : 2192 ₁₆) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_EDITN_page_1.pdf
→	--	Move right	Character			Navigation and characters	Menu [αMisc.2] F6	Special character → (Fontcode : 2192 ₁₆) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_alphaMisc_page_2.pdf
→	--	Move right	Arrow			Navigation and characters	Menu [EDIT (M_EDIT).1] F6	Move right one position (Fontcode : 2192 ₁₆) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_EDIT_MATX_page_1.pdf
→	--	Cursor right	Arrow			Text input	Menu [ALPHA.1] F6 (Also) reached from MENU (item) [α]	Move cursor right Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_ALPHA__page_1.pdf
→	--	Cursor right	Arrow			Text input	Menu [TamAlpha.1] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TamAlpha_page_1.pdf
→	--	Cursor right	Arrow			Text input	Menu [α (ALPHA).1] F6	Move cursor right Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_alpha_page_1.pdf
→CYL	→CYL	Tag as Cylindrical	Function (monadic)		<no annunciator>	Vector operations	Menu [VECTOR.1] F3	Tag a 3D vector as having cylindrical coordinates (Shortcut : →P cycles through →SPH, then →CYL ; Info : display depends on flag 3Dxyz, for cylindrical vector : [rθ;k] [v ₁ v ₂ v ₃] ⁵) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_1.pdf
→I	→I	To integer	Function (monadic, cyclic)			Integers	Menu [BLUE7.2] F1	Convert to Long integer (0), Short integer (8.02-8.16) (cyclic, max 1000 digits) (Info : Short integer indicated by subscript ₁₆ ; can show TI: 0vrfl<8; or 0vrfl>64 bits : which can be abbreviated as OF, indicating overflow condition) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BLUE7_page_2.pdf
→I	→I	To integer	Function (monadic, cyclic)			Integers	Keyboard g [L06]	Convert to Long integer (0), Short integer (8.02-8.16) (cyclic, max 1000 digits) (Info : Short integer indicated by subscript ₁₆ ; can show TI: 0vrfl<8; or 0vrfl>64 bits : which can be abbreviated as OF, indicating overflow condition) Ref : https://n7calc.com/doc/R47/Keyboard/Rowus/R47v0_Keyboard_row_2.pdf
→I	→I	To integer	Function (monadic, cyclic)			Integers	Keyboard longerpress [L06]	Convert to Long integer (0), Short integer (8.02-8.16) (cyclic, max 1000 digits) (Info : Short integer indicated by subscript ₁₆ ; can show TI: 0vrfl<8; or 0vrfl>64 bits : which can be abbreviated as OF, indicating overflow condition) Ref : https://n7calc.com/doc/R47/Keyboard/Rowus/R47v0_Keyboard_row_2.pdf
→INT	→INT	Number base	Setting (pgm, stack)		#BASE ; #KEYA-r	Number bases	Catalog CAT.FCNS →INT	Set number base ; operates on all stack registers depending on BASE#p (TAM : →INT __ TamNonReg menu ; #TAM shortcuts : B = BIN ; D = DEC ; ENTER = DEC ; H = HEX ; Info : SBI is shown if flag SBfrac is SET ; exit base mode by .d, →I, [,.] or CLRM0D (longerpress [EXIT])) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
→P	→POLAR	To polar	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [CPX.1] g F2	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP#p SET or CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, flag RP#p determines whether →POL#p or →POLcx is stored ; for a 3D vector in X, function →POLAR (→P) cycles through →SPH, then →CYL ; vector display depends on flag 3Dxyz, for 2D polar vector : [rθ,] [v ₁ v ₂] ⁹ ; 3D spherical vector : [pθ,φ,k] [v ₁ v ₂ v ₃] ⁹ ; 3D cylindrical vector : [rθ,k] [v ₁ v ₂ v ₃] ⁵) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CPX_page_1.pdf
→P	→POLAR	To polar	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [TRG.1] ff F6	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP#p SET or CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, flag RP#p determines whether →POL#p or →POLcx is stored ; for a 3D vector in X, function →POLAR (→P) cycles through →SPH, then →CYL ; vector display depends on flag 3Dxyz, for 2D polar vector : [rθ,] [v ₁ v ₂] ⁹ ; 3D spherical vector : [pθ,φ,k] [v ₁ v ₂ v ₃] ⁹ ; 3D cylindrical vector : [rθ,k] [v ₁ v ₂ v ₃] ⁵) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_page_1.pdf
→P	→POLAR	To polar	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [BLUE7.1] ff F6	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP#p SET or CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, flag RP#p determines whether →POL#p or →POLcx is stored ; for a 3D vector in X, function →POLAR (→P) cycles through →SPH, then →CYL ; vector display depends on flag 3Dxyz, for 2D polar vector : [rθ,] [v ₁ v ₂] ⁹ ; 3D spherical vector : [pθ,φ,k] [v ₁ v ₂ v ₃] ⁹ ; 3D cylindrical vector : [rθ,k] [v ₁ v ₂ v ₃] ⁵) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BLUE7_page_1.pdf
→P	→POLAR	To polar	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Keyboard g [√2]	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP#p SET or CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, flag RP#p determines whether →POL#p or →POLcx is stored ; for a 3D vector in X, function →POLAR (→P) cycles through →SPH, then →CYL ; vector display depends on flag 3Dxyz, for 2D polar vector : [rθ,] [v ₁ v ₂] ⁹ ; 3D spherical vector : [pθ,φ,k] [v ₁ v ₂ v ₃] ⁹ ; 3D cylindrical vector : [rθ,k] [v ₁ v ₂ v ₃] ⁵) Ref : https://n7calc.com/doc/R47/Keyboard/Rowus/R47v0_Keyboard_row_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\rightarrow P$	$\rightarrow POLAR$	To polar	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [TRG,R47.1]gF2	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, flag RP _{HP} determines whether $\rightarrow POL_{HP}$ or $\rightarrow POL_{CX}$ is stored ; for a 3D vector in X, function $\rightarrow POLAR$ ($\rightarrow P$) cycles through $\rightarrow SPH$, then $\rightarrow CYL$; vector display depends on flag 3Dxyz, for 2D polar vector : [r θ ,] [v ₁ v ₂] ^P ; 3D spherical vector : [p θ , ϕ ,k] [v ₁ v ₂ v ₃] ^S ; 3D cylindrical vector : [r θ ,k] [v ₁ v ₂ v ₃] ^C Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_R47_page_1.pdf
$\rightarrow P$	$\rightarrow POLAR$	To polar	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Keyboard longerpress [$\sqrt{x}$]	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, flag RP _{HP} determines whether $\rightarrow POL_{HP}$ or $\rightarrow POL_{CX}$ is stored ; for a 3D vector in X, function $\rightarrow POLAR$ ($\rightarrow P$) cycles through $\rightarrow SPH$, then $\rightarrow CYL$; vector display depends on flag 3Dxyz, for 2D polar vector : [r θ ,] [v ₁ v ₂] ^P ; 3D spherical vector : [p θ , ϕ ,k] [v ₁ v ₂ v ₃] ^S ; 3D cylindrical vector : [r θ ,k] [v ₁ v ₂ v ₃] ^C Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
$\rightarrow P$	$\rightarrow POLAR$	To polar	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [VECTOR.2]F2	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, flag RP _{HP} determines whether $\rightarrow POL_{HP}$ or $\rightarrow POL_{CX}$ is stored ; for a 3D vector in X, function $\rightarrow POLAR$ ($\rightarrow P$) cycles through $\rightarrow SPH$, then $\rightarrow CYL$; vector display depends on flag 3Dxyz, for 2D polar vector : [r θ ,] [v ₁ v ₂] ^P ; 3D spherical vector : [p θ , ϕ ,k] [v ₁ v ₂ v ₃] ^S ; 3D cylindrical vector : [r θ ,k] [v ₁ v ₂ v ₃] ^C Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_2.pdf
$\rightarrow POL_{CX}$	$\rightarrow POL_{CX}$	To polar (CX)	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Catalog CAT.FCNS $\rightarrow POL_{CX}$	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP _{HP} CLEAR) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, $\rightarrow POL_{CX}$ is stored when $\rightarrow POLAR$ is entered and flag RP _{HP} is CLEAR ; for a 3D vector in X, function $\rightarrow POL_{CX}$ cycles through $\rightarrow SPH$, then $\rightarrow CYL$; vector display depends on flag 3Dxyz, for 2D polar vector : [r θ ,] [v ₁ v ₂] ^P ; 3D spherical vector : [p θ , ϕ ,k] [v ₁ v ₂ v ₃] ^S ; 3D cylindrical vector : [r θ ,k] [v ₁ v ₂ v ₃] ^C Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
$\rightarrow POL_{HP}$	$\rightarrow POL_{HP}$	To polar (HP)	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Catalog CAT.FCNS $\rightarrow POL_{HP}$	Transform rectangular to polar coordinates (dyadic, stack conventions according to flag RP _{HP} SET) ; transform Complex number or 2D/3D vector to polar notation (monadic) and set POLAR tag (TI : r = ; θ = (POLAR) ; Info : in Program Entry Mode, $\rightarrow POL_{HP}$ is stored when $\rightarrow POLAR$ is entered and flag RP _{HP} is SET ; for a 3D vector in X, function $\rightarrow POL_{HP}$ cycles through $\rightarrow SPH$, then $\rightarrow CYL$; vector display depends on flag 3Dxyz, for 2D polar vector : [r θ ,] [v ₁ v ₂] ^P ; 3D spherical vector : [p θ , ϕ ,k] [v ₁ v ₂ v ₃] ^S ; 3D cylindrical vector : [r θ ,k] [v ₁ v ₂ v ₃] ^C Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
$\rightarrow R$	$\rightarrow RECT$	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [CPX.1]gF1	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether $\rightarrow RECT_{HP}$ or $\rightarrow RECT_{CX}$ is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [i]k [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CPX_page_1.pdf
$\rightarrow R$	$\rightarrow RECT$	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [TRG.1]fF5	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether $\rightarrow RECT_{HP}$ or $\rightarrow RECT_{CX}$ is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [i]k [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_page_1.pdf
$\rightarrow R$	$\rightarrow RECT$	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [BLUEV7.1]fF5	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether $\rightarrow RECT_{HP}$ or $\rightarrow RECT_{CX}$ is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [i]k [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BLUEV7_page_1.pdf
$\rightarrow R$	$\rightarrow RECT$	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [TRG,R47.1]gF1	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether $\rightarrow RECT_{HP}$ or $\rightarrow RECT_{CX}$ is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [i]k [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_R47_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
→R	→RECT	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [VECTOR.1] F1	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether →RECT _{HP} or →RECT _{CX} is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [ijk] [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_1.pdf
→R	→RECT	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Menu [VECTOR.2] F1	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether →RECT _{HP} or →RECT _{CX} is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [ijk] [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_2.pdf
→R	→RECT	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Keyboard g[x ²]	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether →RECT _{HP} or →RECT _{CX} is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [ijk] [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
→R	→RECT	To rectangular	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Keyboard longerpress [x ²]	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET or CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, flag RP _{HP} determines whether →RECT _{HP} or →RECT _{CX} is stored ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [ijk] [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
→RECT _{CX}	→RECT _{CX}	To rectangular (CX)	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Catalog CAT.FCNS →RECT _{CX}	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} CLEAR) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, →RECT _{CX} is stored when →RECT is entered and flag RP _{HP} is CLEAR ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [ijk] [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
→RECT _{HP}	→RECT _{HP}	To rectangular (HP)	Function (monadic, dyadic)		<no annunciator>	Complex and coordinates	Catalog CAT.FCNS →RECT _{HP}	Transform polar to rectangular coordinates (dyadic, stack conventions according to flag RP _{HP} SET) ; transform Complex number or 2D/3D vector to rectangular notation (monadic) and set RECT tag (TI : x : Re = ; y : Im = (RECT) ; Info : in Program Entry Mode, →RECT _{HP} is stored when →RECT is entered and flag RP _{HP} is SET ; vector display depends on flag 3Dxyz, for 2D rectangular vector : [i] [v ₁ v ₂] ; 3D rectangular vector : [ijk] [v ₁ v ₂ v ₃] Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
→SPH	→SPH	Tag as Spherical	Function (monadic)		<no annunciator>	Vector operations	Menu [VECTOR.1] F2	Tag a 3D vector as having spherical coordinates, according to Physics or Math conventions (for spherical polar vector) as set by flag 3DPHYS (default CLEAR) and indicated by the TI subscript of the spherical polar vector : p for Physics, m for Math (determines ordering of vector elements, works on whole stack) (Shortcut : →P cycles through →SPH, then →CYL ; Info : display depends on flag 3DPHYS, for spherical vector : [pB ₁ φ ₁] _m [v ₁ v ₂ v ₃]*) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_1.pdf
→T	--	Indirect T	Command (TAM)			Trailing input	Menu [TamNonReg.1] F6	Presented in TAM menus for commands accessing indirect input using stack register T Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNonReg_page_1.pdf
→T	--	Indirect T	Command (TAM)			Trailing input	Menu [TamNonRegMax.1] F6	Presented in TAM menus for commands accessing indirect input using stack register T Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNonRegMax_page_1.pdf
→T	--	Indirect T	Command (TAM)			Trailing input	Menu [TamMenu.1] F6	Presented in TAM menus for commands accessing indirect input using stack register T Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamMenu_page_1.pdf
→T	--	Indirect T	Command (TAM)			Trailing input	Menu [TamNonRegTrk.1] F6	Presented in TAM menus for commands accessing indirect input using stack register T Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNonRegTrk_page_1.pdf
→T	--	Indirect T	Command (TAM)			Trailing input	Menu [TamNorm.1] F6	Presented in TAM menus for commands accessing indirect input using stack register T Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNorm_page_1.pdf
→X	--	Indirect X	Command (TAM)			Trailing input	Menu [TamNonReg.1] F3	Presented in TAM menus for commands accessing indirect input using stack register X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNonReg_page_1.pdf
→X	--	Indirect X	Command (TAM)			Trailing input	Menu [TamNonRegMax.1] F3	Presented in TAM menus for commands accessing indirect input using stack register X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNonRegMax_page_1.pdf
→X	--	Indirect X	Command (TAM)			Trailing input	Menu [TamMenu.1] F3	Presented in TAM menus for commands accessing indirect input using stack register X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamMenu_page_1.pdf
→X	--	Indirect X	Command (TAM)			Trailing input	Menu [TamNonRegTrk.1] F3	Presented in TAM menus for commands accessing indirect input using stack register X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNonRegTrk_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
→X	--	Indirect X	Command (TAM)			Trailing input	Menu [TamNorm.1]F3	Presented in TAM menus for commands accessing indirect input using stack register X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNorm_page_1.pdf
→Y	--	Indirect Y	Command (TAM)			Trailing input	Menu [TamNonReg.1]F4	Presented in TAM menus for commands accessing indirect input using stack register Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNonReg_page_1.pdf
→Y	--	Indirect Y	Command (TAM)			Trailing input	Menu [TamNonRegMax.1]F4	Presented in TAM menus for commands accessing indirect input using stack register Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNonRegMax_page_1.pdf
→Y	--	Indirect Y	Command (TAM)			Trailing input	Menu [TamMenu.1]F4	Presented in TAM menus for commands accessing indirect input using stack register Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamMenu_page_1.pdf
→Y	--	Indirect Y	Command (TAM)			Trailing input	Menu [TamNonRegTrk.1]F4	Presented in TAM menus for commands accessing indirect input using stack register Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNonRegTrk_page_1.pdf
→Y	--	Indirect Y	Command (TAM)			Trailing input	Menu [TamNorm.1]F4	Presented in TAM menus for commands accessing indirect input using stack register Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNorm_page_1.pdf
→Z	--	Indirect Z	Command (TAM)			Trailing input	Menu [TamNonReg.1]F5	Presented in TAM menus for commands accessing indirect input using stack register Z Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNonReg_page_1.pdf
→Z	--	Indirect Z	Command (TAM)			Trailing input	Menu [TamNonRegMax.1]F5	Presented in TAM menus for commands accessing indirect input using stack register Z Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNonRegMax_page_1.pdf
→Z	--	Indirect Z	Command (TAM)			Trailing input	Menu [TamMenu.1]F5	Presented in TAM menus for commands accessing indirect input using stack register Z Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamMenu_page_1.pdf
→Z	--	Indirect Z	Command (TAM)			Trailing input	Menu [TamNonRegTrk.1]F5	Presented in TAM menus for commands accessing indirect input using stack register Z Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNonRegTrk_page_1.pdf
→Z	--	Indirect Z	Command (TAM)			Trailing input	Menu [TamNorm.1]F5	Presented in TAM menus for commands accessing indirect input using stack register Z Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNorm_page_1.pdf
↑ (HOME←)	--	Cursor to begin	Command			Text input	Keyboard alphaSIM [Up]	Jump to top left of alpha input Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
↑ (HOME←)	--	Cursor to begin	Command			Text input	Keyboard alpha [*]	Jump to top left of alpha input Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
↑	--	Cursor up	Arrow			Text input	Menu [ALPHA.1]gF5 (Also) reached from MENU (item) [α]	Move cursor up Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
↑	--	Cursor up	Arrow			Text input	Menu [α (ALPHA).1]gF5	Move cursor up Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
↑	--	Move up	Arrow			Navigation and characters	Menu [M_EDIT.1]fF5 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Move up one position (Fontcode : 219114) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
↑	--	Move up	Arrow			Navigation and characters	Menu [EDITN (M_EDIT).1]fF5	Move up one position (Fontcode : 219114) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
↑	--	Move up	Character			Navigation and characters	Menu [αMisc.2]F3	Special character ↑ (Fontcode : 219114) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
↑	--	Move up	Arrow			Navigation and characters	Menu [EDIT (M_EDIT).1]fF5	Move up one position (Fontcode : 219114) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
↑	--	Up	Command			Navigation	Keyboard normalSIM [Up]	Scroll up for menus and browser screens or backstep through program steps (Info : To assign ↑ to a key or button, use ASN (g[DR6]) and spell the name as 'UP' ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
↑	--	Up	Command			Navigation	Keyboard [*]	Scroll up for menus and browser screens or backstep through program steps (Info : To assign ↑ to a key or button, use ASN (g[DR6]) and spell the name as 'UP' ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
↑	--	Up	Command			Navigation	Keyboard TAM [*]	Scroll up for menus and browser screens or backstep through program steps (Info : To assign ↑ to a key or button, use ASN (g[DR6]) and spell the name as 'UP' ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
↑ (α ^{SUP})	--	Superscript	Alpha-shift		A ; α ; N	Text input	Keyboard alpha g[*]	Superscript (Shortcut : alpha g[*]) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
↑BIN	↑BIN	High bin	Command			Plotting and statistics	Menu [HIST.1]F5	High bin (TI : ↑BIN ; 4BIN ; : nBINS :) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_HIST_page_1.pdf
↑EST	↑EST	Upper estimate for solver	Variable (real)	0		Solver	Menu [ALL.1]gF3 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the upper estimate for solver (↑Est) ; displays as ↑E in menu Tools for larger values ; set interactively from menu Tools and set by realSIV ₀ or cpxSIV ₀ (Split screen : Displaying ↑Est Upper = ; 4Est Lower =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
↑EST	↑EST	Upper estimate for solver	Variable (real)	0		Solver	Menu [VAR (ALL).1]gF3	Reserved Real variable for the upper estimate for solver (↑Est) ; displays as ↑E in menu Tools for larger values ; set interactively from menu Tools and set by realSIV ₀ or cpxSIV ₀ (Split screen : Displaying ↑Est Upper = ; 4Est Lower =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\uparrow$ EST	$\uparrow$ EST	Upper estimate for solver	Variable (real)	0		Solver	Menu [REALS.1] fF3	Reserved Real variable for the upper estimate for solver ($\uparrow$ Est) ; displays as $\uparrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSlv_0^* or cpxSlv_0^* (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\uparrow$ EST	$\uparrow$ EST	Upper estimate for solver	Variable (real)	0		Solver	Menu [NUMBRS.1] fF4	Reserved Real variable for the upper estimate for solver ($\uparrow$ Est) ; displays as $\uparrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSlv_0^* or cpxSlv_0^* (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
$\uparrow$ Est	$\uparrow$ EST	Upper estimate for solver	Variable (real)	0		Solver	Menu [ToolS.1] F5	Reserved Real variable for the upper estimate for solver ($\uparrow$ Est) ; displays as $\uparrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSlv_0^* or cpxSlv_0^* (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSlv_page_1.pdf
$\uparrow$ Lim	$\uparrow$ Lim	Upper limit for integrator	Variable (real)	0		Integrator	Menu [ALL.1] gF4 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the upper limit for integrator ($\uparrow$ Lim) ; displays as $\uparrow$ L in menu ToolJ for larger values ; set interactively from menu ToolJ and set by $\int_0^{\uparrow}$ (TI : $\uparrow$ Upper limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
$\uparrow$ Lim	$\uparrow$ Lim	Upper limit for integrator	Variable (real)	0		Integrator	Menu [VAR (ALL.1) gF4	Reserved Real variable for the upper limit for integrator ($\uparrow$ Lim) ; displays as $\uparrow$ L in menu ToolJ for larger values ; set interactively from menu ToolJ and set by $\int_0^{\uparrow}$ (TI : $\uparrow$ Upper limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
$\uparrow$ Lim	$\uparrow$ Lim	Upper limit for integrator	Variable (real)	0		Integrator	Menu [REALS.1] fF4	Reserved Real variable for the upper limit for integrator ($\uparrow$ Lim) ; displays as $\uparrow$ L in menu ToolJ for larger values ; set interactively from menu ToolJ and set by $\int_0^{\uparrow}$ (TI : $\uparrow$ Upper limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\uparrow$ Lim	$\uparrow$ Lim	Upper limit for integrator	Variable (real)	0		Integrator	Menu [NUMBRS.1] fF5	Reserved Real variable for the upper limit for integrator ($\uparrow$ Lim) ; displays as $\uparrow$ L in menu ToolJ for larger values ; set interactively from menu ToolJ and set by $\int_0^{\uparrow}$ (TI : $\uparrow$ Upper limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
$\uparrow$ Lim	$\uparrow$ Lim	Upper limit for integrator	Variable (real)	0		Integrator	Menu [ToolJ.1] F5	Reserved Real variable for the upper limit for integrator ($\uparrow$ Lim) ; displays as $\uparrow$ L in menu ToolJ for larger values ; set interactively from menu ToolJ and set by $\int_0^{\uparrow}$ (TI : $\uparrow$ Upper limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_EQN_page_1.pdf
$\uparrow$ Lim	$\uparrow$ Lim	Upper limit for integrator	Variable (real)	0		Integrator	Menu [ToolJ.1] F5	Reserved Real variable for the upper limit for integrator ($\uparrow$ Lim) ; displays as $\uparrow$ L in menu ToolJ for larger values ; set interactively from menu ToolJ and set by $\int_0^{\uparrow}$ (TI : $\uparrow$ Upper limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_ADV_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [ALL.1] gF5 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [VAR (ALL.1) gF5	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [REALS.1] fF5	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [NUMBRS.1] fF6	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [Graphs.1] F2	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Graphs_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [Draw $_0^*$ (PLFUNC.1) F2	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [Draw (PLFUNC.1) F2	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_1.pdf
$\uparrow$ X	$\uparrow$ X	Upper limit for X-axis	Variable (real)	10		Plotting	Menu [PLTFCONS (PLFUNC.1) F2	Reserved Real variable for the upper limit for X-axis ($\uparrow$ X) ; set interactively from menu Graphs and set by Draw_0^* (TI : ' $\uparrow$ X' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCONS_page_1.pdf
$\uparrow$ Y	$\uparrow$ Y	Upper limit for Y-axis	Variable (real)	10		Plotting	Menu [ALL.1] gF6 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the upper limit for Y-axis ($\uparrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\uparrow$ Y' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
$\uparrow$ Y	$\uparrow$ Y	Upper limit for Y-axis	Variable (real)	10		Plotting	Menu [VAR (ALL.1) gF6	Reserved Real variable for the upper limit for Y-axis ($\uparrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\uparrow$ Y' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
$\uparrow$ Y	$\uparrow$ Y	Upper limit for Y-axis	Variable (real)	10		Plotting	Menu [REALS.1] fF6	Reserved Real variable for the upper limit for Y-axis ($\uparrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\uparrow$ Y' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\uparrow$ Y	$\uparrow$ Y	Upper limit for Y-axis	Variable (real)	10		Plotting	Menu [NUMBRS.1] gF1	Reserved Real variable for the upper limit for Y-axis ($\uparrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\uparrow$ Y' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\uparrow Y$	$\uparrow Y$	Upper limit for Y-axis	Variable (real)	10		Plotting	Menu [Graphs.1] F4	Reserved Real variable for the upper limit for Y-axis ($\uparrow Y$) ; set interactively from menu Graphs and set by Plot functions (TI : $\uparrow Y$:) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Graphs_page_1.pdf
$\downarrow$	--	Move down	Arrow			Navigation and characters	Menu [M_EDIT.1] Ff6 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Move down one position (Fontcode : 2193 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
$\downarrow$	--	Move down	Arrow			Navigation and characters	Menu [EDITN (M_EDIT).1] Ff6	Move down one position (Fontcode : 2193 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
$\downarrow$	--	Move down	Character			Navigation and characters	Menu [aMisc.2] F4	Special character $\downarrow$ (Fontcode : 2193 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
$\downarrow$	--	Move down	Arrow			Navigation and characters	Menu [EDIT (M_EDIT).1] Ff6	Move down one position (Fontcode : 2193 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
$\downarrow$	--	Down	Command			Navigation	Keyboard normalSIM [Down]	Scroll down for menus and browser screens or single step through program steps (Info : To assign $\downarrow$ to a key or button, use ASN (g[DR6]) and spell the name as 'DOWN' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
$\downarrow$	--	Down	Command			Navigation	Keyboard [4]	Scroll down for menus and browser screens or single step through program steps (Info : To assign $\downarrow$ to a key or button, use ASN (g[DR6]) and spell the name as 'DOWN' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
$\downarrow$	--	Down	Command			Navigation	Keyboard TAM [4]	Scroll down for menus and browser screens or single step through program steps (Info : To assign $\downarrow$ to a key or button, use ASN (g[DR6]) and spell the name as 'DOWN' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
$\downarrow$	--	Cursor down	Arrow			Text input	Menu [ALPHA.1] gF6 (Also) reached from MENU (item) [a]	Move cursor down Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
$\downarrow$	--	Cursor down	Arrow			Text input	Menu [a (ALPHA).1] gF6	Move cursor down Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
$\downarrow$ (END $\rightarrow$)	--	Cursor to end	Command			Text input	Keyboard alphaSIM [Down]	Jump to bottom right of alpha input Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
$\downarrow$ (END $\rightarrow$)	--	Cursor to end	Command			Text input	Keyboard alpha [4]	Jump to bottom right of alpha input Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
$\downarrow$ (α_{sub})	--	Subscript	Alpha-shift		A ; a ; M	Text input	Keyboard alpha g[4]	Subscript (Shortcut : alpha g[4]) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
$\downarrow$ BIN	$\downarrow$ BIN	Low bin	Command			Plotting and statistics	Menu [HIST.1] F3	Low bin (TI : $\uparrow$ BIN : ; $\downarrow$ BIN : ; nBINS :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HIST_page_1.pdf
$\downarrow$ EST	$\downarrow$ EST	Lower estimate for solver	Variable (real)	0		Solver	Menu [ALL.2] F1 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the lower estimate for solver ($\downarrow$ Est) ; displays as $\downarrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSIV $\downarrow$ or cpxSIV $\downarrow$ (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_2.pdf
$\downarrow$ EST	$\downarrow$ EST	Lower estimate for solver	Variable (real)	0		Solver	Menu [VAR (ALL).2] F1	Reserved Real variable for the lower estimate for solver ($\downarrow$ Est) ; displays as $\downarrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSIV $\downarrow$ or cpxSIV $\downarrow$ (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_2.pdf
$\downarrow$ EST	$\downarrow$ EST	Lower estimate for solver	Variable (real)	0		Solver	Menu [REALS.1] gF1	Reserved Real variable for the lower estimate for solver ($\downarrow$ Est) ; displays as $\downarrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSIV $\downarrow$ or cpxSIV $\downarrow$ (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\downarrow$ EST	$\downarrow$ EST	Lower estimate for solver	Variable (real)	0		Solver	Menu [NUMBRS.1] gF2	Reserved Real variable for the lower estimate for solver ($\downarrow$ Est) ; displays as $\downarrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSIV $\downarrow$ or cpxSIV $\downarrow$ (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
$\downarrow$ Est	$\downarrow$ EST	Lower estimate for solver	Variable (real)	0		Solver	Menu [ToolS.1] F4	Reserved Real variable for the lower estimate for solver ($\downarrow$ Est) ; displays as $\downarrow$ E in menu ToolS for larger values ; set interactively from menu ToolS and set by realSIV $\downarrow$ or cpxSIV $\downarrow$ (Split screen : Displaying $\uparrow$ Est Upper = ; $\downarrow$ Est Lower =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSiv_page_1.pdf
$\downarrow$ Lim	$\downarrow$ Lim	Lower limit for integrator	Variable (real)	0		Integrator	Menu [ALL.2] F2 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the lower limit for integrator ($\downarrow$ Lim) ; displays as $\downarrow$ L in menu Tool $\downarrow$ for larger values ; set interactively from menu Tool $\downarrow$ and set by $\int_{\downarrow}^{\downarrow}$ (TI : $\downarrow$ Lower limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_2.pdf
$\downarrow$ Lim	$\downarrow$ Lim	Lower limit for integrator	Variable (real)	0		Integrator	Menu [VAR (ALL).2] F2	Reserved Real variable for the lower limit for integrator ($\downarrow$ Lim) ; displays as $\downarrow$ L in menu Tool $\downarrow$ for larger values ; set interactively from menu Tool $\downarrow$ and set by $\int_{\downarrow}^{\downarrow}$ (TI : $\downarrow$ Lower limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_2.pdf
$\downarrow$ Lim	$\downarrow$ Lim	Lower limit for integrator	Variable (real)	0		Integrator	Menu [REALS.1] gF2	Reserved Real variable for the lower limit for integrator ($\downarrow$ Lim) ; displays as $\downarrow$ L in menu Tool $\downarrow$ for larger values ; set interactively from menu Tool $\downarrow$ and set by $\int_{\downarrow}^{\downarrow}$ (TI : $\downarrow$ Lower limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\downarrow$ Lim	$\downarrow$ Lim	Lower limit for integrator	Variable (real)	0		Integrator	Menu [NUMBRS.1] gF3	Reserved Real variable for the lower limit for integrator ($\downarrow$ Lim) ; displays as $\downarrow$ L in menu Tool $\downarrow$ for larger values ; set interactively from menu Tool $\downarrow$ and set by $\int_{\downarrow}^{\downarrow}$ (TI : $\downarrow$ Lower limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\Downarrow$ Lim	$\Downarrow$ Lim	Lower limit for integrator	Variable (real)	0		Integrator	Menu [Tool].1)Fh	Reserved Real variable for the lower limit for integrator ($\Downarrow$ Lim) ; displays as $\Downarrow$ L in menu Tool for larger values ; set interactively from menu Tool and set by $\int_0^x$ (TI : $\Downarrow$ Lower limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_EQN_page_1.pdf
$\Downarrow$ Lim	$\Downarrow$ Lim	Lower limit for integrator	Variable (real)	0		Integrator	Menu [Tool].1)Fh	Reserved Real variable for the lower limit for integrator ($\Downarrow$ Lim) ; displays as $\Downarrow$ L in menu Tool for larger values ; set interactively from menu Tool and set by $\int_0^x$ (TI : $\Downarrow$ Lower limit :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_ADV_page_d.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [ALL.2]F3 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_2.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [VAR (ALL).2]F3	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_2.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [REALS.1]gF3	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [NUMBRS.1]gFh	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [Graphs.1]F1	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Graphs_page_1.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [Draw (PLFUNC).1]F1	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawX_page_1.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [Draw (PLFUNC).1]F1	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_1.pdf
$\Downarrow$ X	$\Downarrow$ X	Lower limit for X-axis	Variable (real)	-10		Plotting	Menu [PLTFCNS (PLFUNC).1]F1	Reserved Real variable for the lower limit for X-axis ($\Downarrow$ X) ; set interactively from menu Graphs and set by Draw $_0^x$ (TI : ' $\Downarrow$ X') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_1.pdf
$\Downarrow$ Y	$\Downarrow$ Y	Lower limit for Y-axis	Variable (real)	0		Plotting	Menu [ALL.2]Fh (Also) reached from MENU (ASM) VAR	Reserved Real variable for the lower limit for Y-axis ($\Downarrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\Downarrow$ Y') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_2.pdf
$\Downarrow$ Y	$\Downarrow$ Y	Lower limit for Y-axis	Variable (real)	0		Plotting	Menu [VAR (ALL).2]Fh	Reserved Real variable for the lower limit for Y-axis ($\Downarrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\Downarrow$ Y') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_2.pdf
$\Downarrow$ Y	$\Downarrow$ Y	Lower limit for Y-axis	Variable (real)	0		Plotting	Menu [REALS.1]gFh	Reserved Real variable for the lower limit for Y-axis ($\Downarrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\Downarrow$ Y') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$\Downarrow$ Y	$\Downarrow$ Y	Lower limit for Y-axis	Variable (real)	0		Plotting	Menu [NUMBRS.1]gF5	Reserved Real variable for the lower limit for Y-axis ($\Downarrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\Downarrow$ Y') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
$\Downarrow$ Y	$\Downarrow$ Y	Lower limit for Y-axis	Variable (real)	0		Plotting	Menu [Graphs.1]F3	Reserved Real variable for the lower limit for Y-axis ($\Downarrow$ Y) ; set interactively from menu Graphs and set by Plot functions (TI : ' $\Downarrow$ Y') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Graphs_page_1.pdf
$\Leftrightarrow$	--	Left right arrow	Character			Characters	Menu [aMisc.2]gF1	Special character $\Leftrightarrow$ (Fontcode : 21B4 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
$\Updownarrow$	--	Up down arrow	Character			Characters	Menu [aMisc.3]F2	Special character $\Updownarrow$ (Fontcode : 21B5 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
$\rceil$	--	Carriage return	Character			Characters	Keyboard alpha g[ENTER]	Character $\rceil$ (Shortcut : alpha g[ENTER] ; alpha longer [ENTER] ; EIM longer [ENTER] ; Info : Fontcode : 21B5 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
$\rceil$	--	Carriage return	Character			Characters	Menu [aMisc.1]F1	Special character $\rceil$ (Shortcut : alpha g[ENTER] ; alpha longer [ENTER] ; EIM longer [ENTER] ; Info : Fontcode : 21B5 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
$\rightarrow$	--	Short right arrow	Character			Characters	Menu [aMisc.2]fF1	Special character $\rightarrow$ (Fontcode : 21CB ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
$\gtrless$	--	Left right arrow	Character			Characters	Keyboard alpha g[x2y]	Character $\gtrless$ (Shortcut : alpha g[x2y] ; Info : Fontcode : 21C4 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
$\gtrless$	--	Left right arrow	Character			Characters	Menu [aMisc.3]F1	Special character $\gtrless$ (Shortcut : alpha g[x2y] ; Info : Fontcode : 21C4 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
$\gtrless$	$\gtrless$	Shuffle stack	Command			Stack	Menu [STK.1]fF6	Shuffle stack: replace X Y Z T by selection of X Y Z T (TAM : $\gtrless$ TamShuffle menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
Δ	--	BST	Character			Characters	Menu [aMisc.4]F5	Special character Δ (Fontcode : 21C9 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
∇	--	SST	Character			Characters	Menu [aMisc.4]F6	Special character ∇ (Fontcode : 21CB ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
$\equiv$	--	List	Character			Characters	Menu [aMisc.4]Fh	Special character $\equiv$ (Fontcode : 21CC ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
$\Rightarrow$	--	Convert to xxx	Character			Characters	Menu [aMisc.2]fF2	Special character $\Rightarrow$ (Fontcode : 21D2 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
→D.MS	→D.MS	Set D.MS tag or convert to D.MS	Function (monadic)			Angle tagging or conversion	Menu [Ellipt.1]gF5	If untagged, set tag to D.MS (sexagesimal degrees) ; if tagged, convert X to D.MS ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Ellipt_page_1.pdf
→D.MS	→D.MS	Set D.MS tag or convert to D.MS	Function (monadic)			Angle tagging or conversion	Menu [TRG.1]F4	If untagged, set tag to D.MS (sexagesimal degrees) ; if tagged, convert X to D.MS ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_page_1.pdf
→D.MS	→D.MS	Set D.MS tag or convert to D.MS	Function (monadic)			Angle tagging or conversion	Menu [TRG_R47.1]fF4	If untagged, set tag to D.MS (sexagesimal degrees) ; if tagged, convert X to D.MS ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_R47_page_1.pdf
→DEG	→DEG	Set DEG tag or convert to DEG	Function (monadic)			Angle tagging or conversion	Menu [ELEC.1]fF1	If untagged, set tag to DEG (degrees) ; if tagged, convert X to DEG ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_ELEC_page_1.pdf
→DEG	→DEG	Set DEG tag or convert to DEG	Function (monadic)			Angle tagging or conversion	Menu [Ellipt.1]gF4	If untagged, set tag to DEG (degrees) ; if tagged, convert X to DEG ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Ellipt_page_1.pdf
→DEG	→DEG	Set DEG tag or convert to DEG	Function (monadic)			Angle tagging or conversion	Menu [TRG.1]F1	If untagged, set tag to DEG (degrees) ; if tagged, convert X to DEG ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_page_1.pdf
→DEG	→DEG	Set DEG tag or convert to DEG	Function (monadic)			Angle tagging or conversion	Menu [TRG....1]F1	If untagged, set tag to DEG (degrees) ; if tagged, convert X to DEG ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_MORE_page_1.pdf
→DEG	→DEG	Set DEG tag or convert to DEG	Function (monadic)			Angle tagging or conversion	Menu [TRG_R47.1]fF1	If untagged, set tag to DEG (degrees) ; if tagged, convert X to DEG ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_R47_page_1.pdf
→DEG	→DEG	Set DEG tag or convert to DEG	Function (monadic)			Angle tagging or conversion	Menu [VECTOR.1]gF1	If untagged, set tag to DEG (degrees) ; if tagged, convert X to DEG ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_1.pdf
→DEG	→DEG	Set DEG tag or convert to DEG	Function (monadic)			Angle tagging or conversion	Menu [VECTOR.2]gF1	If untagged, set tag to DEG (degrees) ; if tagged, convert X to DEG ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_2.pdf
→GRAD	→GRAD	Set GRAD tag or convert to GRAD	Function (monadic)			Angle tagging or conversion	Menu [TRG.1]F3	If untagged, set tag to GRAD (gradians) ; if tagged, convert X to GRAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_page_1.pdf
→GRAD	→GRAD	Set GRAD tag or convert to GRAD	Function (monadic)			Angle tagging or conversion	Menu [TRG....1]F3	If untagged, set tag to GRAD (gradians) ; if tagged, convert X to GRAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_MORE_page_1.pdf
→GRAD	→GRAD	Set GRAD tag or convert to GRAD	Function (monadic)			Angle tagging or conversion	Menu [TRG_R47.1]fF3	If untagged, set tag to GRAD (gradians) ; if tagged, convert X to GRAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_R47_page_1.pdf
→MULπ	→MULπ	Set MULπ tag or convert to MULπ	Function (monadic)			Angle tagging or conversion	Menu [TRG.1]F5	If untagged, set tag to MULπ (multiple of pi radians) ; if tagged, convert X to MULπ ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_page_1.pdf
→MULπ	→MULπ	Set MULπ tag or convert to MULπ	Function (monadic)			Angle tagging or conversion	Menu [TRG_R47.1]fF5	If untagged, set tag to MULπ (multiple of pi radians) ; if tagged, convert X to MULπ ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_R47_page_1.pdf
→MULπ	→MULπ	Set MULπ tag or convert to MULπ	Function (monadic)			Angle tagging or conversion	Menu [VECTOR.1]gF3	If untagged, set tag to MULπ (multiple of pi radians) ; if tagged, convert X to MULπ ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_1.pdf
→MULπ	→MULπ	Set MULπ tag or convert to MULπ	Function (monadic)			Angle tagging or conversion	Menu [VECTOR.2]gF3	If untagged, set tag to MULπ (multiple of pi radians) ; if tagged, convert X to MULπ ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_2.pdf
→RAD	→RAD	Set RAD tag or convert to RAD	Function (monadic)			Angle tagging or conversion	Menu [ELEC.1]fF2	If untagged, set tag to RAD (radians) ; if tagged, convert X to RAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_ELEC_page_1.pdf
→RAD	→RAD	Set RAD tag or convert to RAD	Function (monadic)			Angle tagging or conversion	Menu [Ellipt.1]gF6	If untagged, set tag to RAD (radians) ; if tagged, convert X to RAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Ellipt_page_1.pdf
→RAD	→RAD	Set RAD tag or convert to RAD	Function (monadic)			Angle tagging or conversion	Menu [TRG.1]F2	If untagged, set tag to RAD (radians) ; if tagged, convert X to RAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_page_1.pdf
→RAD	→RAD	Set RAD tag or convert to RAD	Function (monadic)			Angle tagging or conversion	Menu [TRG....1]F2	If untagged, set tag to RAD (radians) ; if tagged, convert X to RAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_MORE_page_1.pdf
→RAD	→RAD	Set RAD tag or convert to RAD	Function (monadic)			Angle tagging or conversion	Menu [TRG_R47.1]fF2	If untagged, set tag to RAD (radians) ; if tagged, convert X to RAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TRG_R47_page_1.pdf
→RAD	→RAD	Set RAD tag or convert to RAD	Function (monadic)			Angle tagging or conversion	Menu [VECTOR.1]gF2	If untagged, set tag to RAD (radians) ; if tagged, convert X to RAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_1.pdf
→RAD	→RAD	Set RAD tag or convert to RAD	Function (monadic)			Angle tagging or conversion	Menu [VECTOR.2]gF2	If untagged, set tag to RAD (radians) ; if tagged, convert X to RAD ; does not change Angular Display Mode (Tag : "°") Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_2.pdf
↔	--	Left righr double arrow	Character			Characters	Menu [αMisc.2]gF2	Special character ↔ (Fontcode : 21D116) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_alphaMisc_page_2.pdf
←-	--	Cursor left by 10	Arrow			Text input	Menu [ALPHA.1]fF5 (Also) reached from MENU (item) [α]	Move cursor left by 10 positions Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_ALPHA_page_1.pdf

Copyright © 2026 The C47/R47 Development Team. Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, gnu.org

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
+	+	Add	Function (dyadic)			Mathematics and text functions	Keyboard TAM [+]	Add X to Y ; concatenate X and Y, including numbers, dates and times + strings and vice versa Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
+	+	Add	Function (dyadic)			Mathematics and text functions	Keyboard normalSIM [+]	Add X to Y ; concatenate X and Y, including numbers, dates and times + strings and vice versa Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
+	+	Add	Function (dyadic)			Mathematics and text functions	Keyboard longpress [+]	Add X to Y ; concatenate X and Y, including numbers, dates and times + strings and vice versa Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
+	+	Add	Function (dyadic)			Mathematics and text functions	Keyboard longerpress [+]	Add X to Y ; concatenate X and Y, including numbers, dates and times + strings and vice versa Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
+	--	Plus	Character			Characters	Menu [oMath.1]gF6	Mathematical symbol + (Shortcut : alpha g[+]; Info : Fontcode : 002B16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
+	--	Plus	Character			Characters	Keyboard alpha g[+]	Plus (Shortcut : alpha g[+]; Info : Fontcode : 002B16) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
+	--	Subscript +	Character			Characters	Menu [oMath.6]fF5	Mathematical symbol + (Fontcode : 288A16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_6.pdf
+∞	--	Plus infinity	Constant			Constants	Menu [CNST.5]fF5	Constant # 78 +∞ inf.plus = +∞ Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_5.pdf
+∞	--	Plus infinity	Constant			Constants	Menu [Tool.1]fF3	Constant # 78 +∞ inf.plus = +∞ Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_EQN_page_1.pdf
+∞	--	Plus infinity	Constant			Constants	Menu [Tool.1]fF3	Constant # 78 +∞ inf.plus = +∞ Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_ADV_page_d.pdf
+ZOOM	--	Zoom in on y-axis	Command	0		Plotting	Menu [Draw ^o (PLFUNC).1]gF2	Increase zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; +ZOOM resets Y and Y to zero) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_1.pdf
+ZOOM	--	Zoom in on y-axis	Command	0		Plotting	Menu [Draw (PLFUNC).1]gF2	Increase zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; +ZOOM resets Y and Y to zero) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_1.pdf
+ZOOM	--	Zoom in on y-axis	Command	0		Plotting	Menu [PLSTAT.1]gF2	Increase zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; +ZOOM resets Y and Y to zero) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_1.pdf
+ZOOM	--	Zoom in on y-axis	Command	0		Plotting	Menu [PLTFCONS (PLFUNC).1]gF2	Increase zoom level on the y-axis (range -16 to +16) (Info : <0 : zoom out ; 0 : normal ; >0 : zoom in ; +ZOOM resets Y and Y to zero) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCONS_page_1.pdf
±	--	Plus-minus	Character			Characters	Menu [oMath.2]gF6	Mathematical symbol ± (Shortcut : alpha g[CHS]; Info : Fontcode : 00B116) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
±	--	Plus-minus	Character			Characters	Keyboard alpha g[CHS]	Character ± (Shortcut : alpha g[CHS]; Info : Fontcode : 00B116) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
±∞?	±∞?	Infinites?	Command (logical)			Programming	Menu [TEST.3]gF4	Test X contains positive or negative infinite value Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
÷	÷	Divide	Function (dyadic)			Mathematics	Keyboard [÷]	Divide Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
÷	÷	Divide	Function (dyadic)			Mathematics	Keyboard TAM [÷]	Divide Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
÷	÷	Divide	Function (dyadic)			Mathematics	Keyboard normalSIM [÷]	Divide Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
÷	÷	Divide	Function (dyadic)			Mathematics	Keyboard longpress [÷]	Divide Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
÷	÷	Divide	Function (dyadic)			Mathematics	Keyboard longerpress [÷]	Divide Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
÷	--	Obelus	Character			Characters	Menu [oMath.1]gF3	Mathematical symbol ÷ (Shortcut : alpha g[÷]; Info : Fontcode : 00F716) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
÷	--	Obelus	Character			Characters	Keyboard alpha g[÷]	Character ÷ (Shortcut : alpha g[÷]; Info : Fontcode : 00F716) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
×	--	Cross	Character			Characters	Menu [oMath.1]gF4	Mathematical symbol × (Shortcut : alpha g[×]; Info : Fontcode : 00D716) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
×	--	Cross	Character			Characters	Keyboard alpha g[×]	Character × (Shortcut : alpha g[×]; Info : Fontcode : 00D716) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
×	×	Multiply	Function (dyadic)			Mathematics	Keyboard [×]	Multiply Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
×	×	Multiply	Function (dyadic)			Mathematics	Keyboard TAM [×]	Multiply Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
×	×	Multiply	Function (dyadic)			Mathematics	Keyboard normalSIM [×]	Multiply Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
×	×	Multiply	Function (dyadic)			Mathematics	Keyboard longpress [×]	Multiply Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
×	×	Multiply	Function (dyadic)			Mathematics	Keyboard longerpress [×]	Multiply Y by X Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
xMOD	xMOD	ZxY modulo X	Function (triadic)			Integers	Menu [INTS.1]fF4	2 × Y, modulo X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
<	--	Less than	Character			Characters	Menu [Math.1] F1	Mathematical symbol < (Fontcode : 803C16) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
<f>lipchar	--	Flip case (one character)	Alpha-shift (special)		A ; a	Text input	Keyboard alpha f [<f>]	Set next alpha entry to flip lower/UPPER case (one character) (Shortcut : alpha f + <char>) Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_3.pdf
di<g>it	--	Set numeric (one digit)	Alpha-shift (special)		N	Text input	Keyboard alpha g [<g>]	Set next alpha entry to numeric (one digit) or other alpha g-shifted character (Shortcut : alpha g [<g>]) Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_3.pdf
<ON>	--	Switch on	Command			System	See description	Switch on calculator (Shortcut : Switched OFF - [EXIT])
<var...>	--	Variable ...	Variable (user)			Equations	Menu [f'.1] F3	Next variable(s) if any, of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-prime_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [f".1] F3	Next variable(s) if any, of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-double_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [[f.1] F3	Next variable(s) if any, of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_integral-f_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [f Graph.1] F3	Next variable(s) if any, of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Graph_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [SOLVE (MVAR).1] F3	Next variable(s) if any, as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SOLVE_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [VarMNU (MVAR).1] F3	Next variable(s) if any, as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VarMNU_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [[fd (MVAR).1] F3	Next variable(s) if any, as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Integral-fd_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [PLTf (MVAR).1] F3	Next variable(s) if any, as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTf_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [f' (MVAR).1] F3	Next variable(s) if any, as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-prime_ADV_page_1.pdf
<var...>	--	Variable ...	Variable (user)			Equations	Menu [f" (MVAR).1] F3	Next variable(s) if any, as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var...>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-double_ADV_page_1.pdf
<var1>	--	Variable 1	Variable (user)			Equations	Menu [f'.1] F1	Variable 1 of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var1>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-prime_page_1.pdf
<var1>	--	Variable 1	Variable (user)			Equations	Menu [f".1] F1	Variable 1 of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var1>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-double_page_1.pdf
<var1>	--	Variable 1	Variable (user)			Equations	Menu [[f.1] F1	Variable 1 of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var1>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Integral-f_page_1.pdf
<var1>	--	Variable 1	Variable (user)			Equations	Menu [f Solve.1] F1	Variable 1 of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var1>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Solve_page_1.pdf
<var1>	--	Variable 1	Variable (user)			Equations	Menu [f Graph.1] F1	Variable 1 of the expression entered in EQ.NEW (Info : After a value has been entered, the variable name is starred (<var1>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Graph_page_1.pdf
<var1>	--	Variable 1	Variable (user)			Equations	Menu [SOLVE (MVAR).1] F1	Variable 1 as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var1>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SOLVE_page_1.pdf
<var1>	--	Variable 1	Variable (user)			Equations	Menu [VarMNU (MVAR).1] F1	Variable 1 as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var1>*) to indicate it is selected for a subsequent operation) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VarMNU_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
<var₁>	--	Variable 1	Variable (user)			Equations	Menu [[fd (MVAR).1]F1	Variable 1 as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var₁>*) to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_Integral-fd_page_1.pdf
<var₁>	--	Variable 1	Variable (user)			Equations	Menu [PLT f (MVAR).1]F1	Variable 1 as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var₁>*) to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_PLTf_page_1.pdf
<var₁>	--	Variable 1	Variable (user)			Equations	Menu [f' (MVAR).1]F1	Variable 1 as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var₁>*) to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-prime_ADV_page_1.pdf
<var₁>	--	Variable 1	Variable (user)			Equations	Menu [f'' (MVAR).1]F1	Variable 1 as created by MVAR (in RPN program) (Info : After a value has been entered, the variable name is starred (<var₁>*) to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-double_ADV_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [f'.1]F2	Variable 2 of the expression entered in EQ.NEW (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-prime_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [f''.1]F2	Variable 2 of the expression entered in EQ.NEW (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-double_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [[f.1]F2	Variable 2 of the expression entered in EQ.NEW (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_Integral-f_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [f Solve.1]F2	Variable 2 of the expression entered in EQ.NEW (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-Solve_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [f Solve.1]F3	Variable 2 of the expression entered in EQ.NEW (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-Solve_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [f Graph.1]F2	Variable 2 of the expression entered in EQ.NEW (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-Graph_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [SOLVE (MVAR).1]F2	Variable 2 as created by MVAR (in RPN program) (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_SOLVE_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [VarMNU (MVAR).1]F2	Variable 2 as created by MVAR (in RPN program) (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_VarMNU_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [[fd (MVAR).1]F2	Variable 2 as created by MVAR (in RPN program) (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_Integral-fd_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [PLT f (MVAR).1]F2	Variable 2 as created by MVAR (in RPN program) (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_PLTf_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [f' (MVAR).1]F2	Variable 2 as created by MVAR (in RPN program) (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-prime_ADV_page_1.pdf
<var₂>*	--	Variable 2	Variable (user)			Equations	Menu [f'' (MVAR).1]F2	Variable 2 as created by MVAR (in RPN program) (starred) (Info : The variable name is starred (<var₂>*) after a value has been entered, to indicate it is selected for a subsequent operation) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_f-double_ADV_page_1.pdf
<E>	--	Exponent sign (ADM)	Character			Characters	Menu [oMath.4]F3	Mathematical symbol <E> (Shortcut : alpha g [EE] ; Info : Fontcode : 20731 _{1c}) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaMATH_page_4.pdf
<E>	--	Exponent sign (ADM)	Character			Characters	Keyboard alpha g [EE]	Character ε (displays as outline E in numeric font) (Shortcut : alpha g [EE] ; Info : Fontcode : 20731 _{1c}) Ref : https://N7calc.com/doc/RN7/Keyboard/Rowus/RN7v0_Keyboard_row_4.pdf
=	--	Equal	Character			Mathematics and characters	Menu [oMath.1]F3	Mathematical symbol = (Info : Fontcode : 00301 _{1c}) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaMATH_page_1.pdf
=	--	Equal	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).3]fF1	Equal (Info : Fontcode : 00301 _{1c}) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_NEW_page_3.pdf
=	--	Equal	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).3]fF1	Equal (Info : Fontcode : 00301 _{1c}) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_EDIT_EQN_page_3.pdf
≠	--	Not equal to	Character			Characters	Menu [oMath.1]F4	Mathematical symbol ≠ (Fontcode : 22651 _{1c}) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaMATH_page_1.pdf
>	--	Greater than	Character			Characters	Menu [oMath.1]F6	Mathematical symbol > (Fontcode : 003E1 _{1c}) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaMATH_page_1.pdf
>→HR<	--	Convert to decimal hours	Function (monadic, old)			Reals	See description	Old function →HR that assumed argument conforms to ADM (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use .d on g[y*] or [CLK.1]fF5 instead)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
>▣#<	--	Print byte	Command (old)			Printing	See description	Old version of the command ▣# that used a different programming parameter (Info : May be found in older user programs, use ▣# on [PRINT.1]fF3 instead)
>▣CHAR<	--	Print character	Command (old)			Printing	See description	Old version of the command ▣CHAR that used a different programming parameter (Info : May be found in older user programs, use ▣CHAR on [PRINT.1]fF5 instead)
>▣TAB<	--	Print column	Command (old)			Printing	See description	Old version of the command ▣TAB that used a different programming parameter (Info : May be found in older user programs, use ▣TAB on [PRINT.2]fF5 instead)
>ABS<		Absolute	Function (monadic, legacy)			Complex number	See description	Legacy version of function x : Magnitude (Absolute Value) of "complex number" (Info : Function >ABS< is superseded by x on [1974])
>ACOS<		Arç cosine	Function (monadic, legacy)			Inverse cosine	See description	Legacy version of function >ACOS< : Inverse cosine (Info : Function >ACOS< is superseded by ARCCOS on g[6])
>ASIN<		Arç sine	Function (monadic, legacy)			Inverse sine	See description	Legacy version of function >ASIN< : Inverse sine (Info : Function >ASIN< is superseded by ARCSIN on g[7])
>ATAN<		Arç tangent	Function (monadic, legacy)			Inverse tangent	See description	Legacy version of function >ATAN< : Inverse tangent (Info : Function >ATAN< is superseded by ARCTAN on g[9])
>BestF<	--	Set Best Fit	Setting (old)	1		Plotting and curve fitting	See description	Old version of the setting BestF that could not use indirect addressing (Info : May be found in older user programs, use BestF on [MODEL.1]gF3 instead)
>ENGAT<	--	Concatenate (right)	Command (strike, old)			Matrix operations	See description	Old version of the command >ENGAT< (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use >ENGATR on [MATX.1]fF6 instead)
>DET<		Determinant	Function (monadic, legacy)			Matrix operations	See description	Legacy version of function M : Determinant of matrix In x " (matrix must be square) (Info : Function >DET< is superseded by M on [MA]x2[F5])
>DMX<	--	Set max denominator for fractions [Old]	Setting (pgm, old)	64		Fractions	See description	Old version of the setting DMX that could not use indirect addressing (Info : May be found in older user programs ; use DMX on [DISP.1]fF4 instead or DMXX on [INFO.3]fF5)
>DMX<	--	Set max denominator for fractions [TAM]	Setting (pgm, older)	64		Fractions	See description	Older version of the setting DMX that used stack input (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use DMX on [DISP.1]fF4 instead or DMXX on [INFO.3]fF5)
>f'(x)<	--	First derivative (RPN)	Command (old)			RPN Calculus and plotting	See description	Old version of the command to numerically calculate the first derivative at X using RPN program (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use f' on [ADV.1]fF6 instead)
>f''(x)<	--	Second derivative (RPN)	Command (old)			RPN Calculus and plotting	See description	Old version of the command to numerically calculate the second derivative at X using RPN program (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use f'' on [ADV.1]gF6 instead)
>HIDE<	--	Set hide parameter	Setting (pgm, old)	0		Display	See description	Old version of the setting HIDE that used stack input (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use HIDE on [DISP.2]gF6 instead)
>INVRT<		Invert matrix	Function (monadic, legacy)			Matrix operations	See description	Legacy version of function [M] ⁻¹ : Invert matrix In x " (exists only when M ≠ 0) (Info : Function >INVRT< is superseded by [M] ⁻¹ on [MA]x2[F4])
>MSG<	--	Message	Command (PEM, old)			Programming	See description	Old version of the command MSG that used indirect addressing (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use MSG on [P.FN1.1]fF1 instead)
>nDROP<	--	Drop n stack registers	Command (old)			Stack	See description	Old version of the command nDROP that contained a bug when used in user programs (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use nDROP on [MULTSTK.1]fF3 instead)
>nDUP<	--	Duplicate n stack registers	Command (old)			Stack	See description	Old version of the command nDUP that contained a bug when used in user programs (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use nDUP on [MULTSTK.1]fF4 instead)
>nSWAP<	--	Swap n stack registers	Command (old)			Stack	See description	Old version of the command nSWAP that contained a bug when used in user programs (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use nSWAP on [MULTSTK.1]fF5 instead)
>RCLcp/a<	--	Get TVM compounding periods	Command (old)			Financial	See description	Old version of the command to get TVM compounding periods per annum (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use RCL to get value of TVM compounding periods on [TVM.1]fF6 instead)
>RCLFV<	--	Get TVM future value	Command (old)			Financial	See description	Old version of the command to get TVM future value (TI : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use RCL to get value of TVM future value on [TVM.1]fF5 instead)
>RCLI/a<	--	Get TVM annual interest rate	Command (old)			Financial	See description	Old version of the command to get TVM annual interest rate (percentage) (TI : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use RCL to get value of TVM annual interest rate on [TVM.1]fF2 instead)
>RCLn<	--	Get TVM number of payments	Command (old)			Financial	See description	Old version of the command to get TVM number of payments (TI : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use RCL to get value of TVM number of payments on [TVM.1]fF1 instead)
>RCLPMT<	--	Get TVM payment	Command (old)			Financial	See description	Old version of the command to get TVM payment (TI : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use RCL to get value of TVM payment on [TVM.1]fF4 instead)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
>RCLpp/a<	--	Get TVM payment period	Command (old)			Financial	See description	Old version of the command to get TVM payment period per annum (TI : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use RCL to get value of TVM payment period on [TVM.1]F5 instead)
>RCLPV<	--	Get TVM present value	Command (old)			Financial	See description	Old version of the command to get TVM present value (TI : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use RCL to get value of TVM present value on [TVM.1]F3 instead)
>RCLVEL<	--	Recall vector element	Command (old)			Matrix operations	See description	Old version of the command RCLVEL (Info : May be found in older user programs, use RCLVEL on [MATX.1]gF4 instead)
>RNG<	--	Set number range	Setting (pgm, old)	6145		Reals	See description	Old version of the setting RNG that could not use indirect addressing (Info : May be found in older user programs, use RNG on [DISP.2]gF5 instead)
>SDIGS<	--	Set significant digits	Setting (pgm, old)	34		Mathematics	See description	Old version of the setting SDIGS that used stack input (Info : May be found in older user programs and raises Error 56 -- Function has changed, please replace ; use SDIGS on [PREF.1]F3 instead)
>SQRT<	--	Square root	Function (monadic, legacy)			Mathematics	See description	Legacy version of function $\sqrt{x}$; Square root of x (Info : Function $\sqrt{\square}$ is superseded by $\sqrt{x}$ on [C/X])
>STOVEL<	--	Store X into vector element	Command (old)	0		Matrix operations	See description	Old version of the command STOVEL (Info : May be found in older user programs, use STOVEL on [MATX.1]gF3 instead)
>TRANS<	--	Transpose matrix	Function (monadic, legacy)			Matrix operations	See description	Legacy version of function $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix} \cdot$ Transpose matrix $x \cdot \begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$ (Info : Function $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix} \cdot$ is superseded by $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix} \cdot$ on [MATX.1]F2)
>x $\rightarrow$ α <	--	X to alpha	Function (monadic, old)			Text functions	See description	Old version of the function x $\rightarrow$ α , that did not use TAM, to convert character code in X to alpha character (code value pushed to Y) (Info : May be found in older user programs, use x $\rightarrow$ α on [a.FN.1]F3 instead)
>YY<	--	Two digit year limit	Setting (pgm, old)	0		Time functions	See description	Old version of the setting YY that could not use indirect addressing (Info : May be found in older user programs, use YY on [CLK.1]gF6 instead)
¬	--	Not	Character			Characters	Menu [oMath.2]fF1	Mathematical symbol ¬ (Fontcode : 00AC16) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_2.pdf
	--	Pipe ; Bar	Character			Characters	Menu [oMath.3]fF1	Mathematical symbol (Fontcode : 007C16) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
	--	Bar	Character			Mathematics and characters	Keyboard alpha g[STO]	Open or close absolute value (Shortcut : alpha g[STO] ; Info : Fontcode : 007C16) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
	--	Bar	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).2]fF5	Open or close absolute value (Shortcut : alpha g[STO] ; Info : Fontcode : 007C16) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_NEW_page_2.pdf
	--	Bar	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).2]fF5	Open or close absolute value (Shortcut : alpha g[STO] ; Info : Fontcode : 007C16) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_EDIT_EQN_page_2.pdf
M	M	Determinant	Function (monadic)			Matrix operations	Menu [MATX.2]F5	Determinant of matrix in X (matrix must be square) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_2.pdf
$\ x\ _p$	$\ x\ _p$	Norm	Function (monadic)			Matrix operations	Menu [MATX.2]fF1	Norm of vector or matrix in X with parameter p (trailing input) = 0, 1, 2, ..., 9, ∞ : 0 : Number of non-zeros of vector or matrix in X : $\ x\ _0 = \sum_i I(a_i \neq 0)$, where I is the indicator function, 1 if true, 0 if false ; 1 : Maximum column sum of absolute element values of a matrix in X : $\ x\ _1 = \max_j \sum_i a_{ij} $; 2 : Euclidean magnitude of a vector in X or Frobenius norm of a matrix in X : $\ x\ _2 = \sqrt{\sum_i \sum_j a_{ij} ^2}$; 3 : $\ x\ _3 = \sqrt[3]{\sum_i \sum_j a_{ij} ^3}$; ... ; 9 : $\ x\ _9 = \sqrt[9]{\sum_i \sum_j a_{ij} ^9}$; ∞ : Maximum row sum of absolute element values of a matrix in X : $\ x\ _\infty = \max_i \sum_j a_{ij} $ (TAM : $\ x\ _\infty$, TamNorm menu ; Info : parameter 0, 1, 2, ..., 9, ∞ (use [TamNorm.1]F2 to enter ∞)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_2.pdf
$\ x\ _p$	$\ x\ _p$	Norm	Function (monadic)			Matrix operations	Menu [VECTOR.1]fF1	Norm of vector or matrix in X with parameter p (trailing input) = 0, 1, 2, ..., 9, ∞ : 0 : Number of non-zeros of vector or matrix in X : $\ x\ _0 = \sum_i I(a_i \neq 0)$, where I is the indicator function, 1 if true, 0 if false ; 1 : Maximum column sum of absolute element values of a matrix in X : $\ x\ _1 = \max_j \sum_i a_{ij} $; 2 : Euclidean magnitude of a vector in X or Frobenius norm of a matrix in X : $\ x\ _2 = \sqrt{\sum_i \sum_j a_{ij} ^2}$; 3 : $\ x\ _3 = \sqrt[3]{\sum_i \sum_j a_{ij} ^3}$; ... ; 9 : $\ x\ _9 = \sqrt[9]{\sum_i \sum_j a_{ij} ^9}$; ∞ : Maximum row sum of absolute element values of a matrix in X : $\ x\ _\infty = \max_i \sum_j a_{ij} $ (TAM : $\ x\ _\infty$, TamNorm menu ; Info : parameter 0, 1, 2, ..., 9, ∞ (use [TamNorm.1]F2 to enter ∞)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_1.pdf
$\ x\ _p$	$\ x\ _p$	Norm	Function (monadic)			Matrix operations	Menu [VECTOR.2]fF1	Norm of vector or matrix in X with parameter p (trailing input) = 0, 1, 2, ..., 9, ∞ : 0 : Number of non-zeros of vector or matrix in X : $\ x\ _0 = \sum_i I(a_i \neq 0)$, where I is the indicator function, 1 if true, 0 if false ; 1 : Maximum column sum of absolute element values of a matrix in X : $\ x\ _1 = \max_j \sum_i a_{ij} $; 2 : Euclidean magnitude of a vector in X or Frobenius norm of a matrix in X : $\ x\ _2 = \sqrt{\sum_i \sum_j a_{ij} ^2}$; 3 : $\ x\ _3 = \sqrt[3]{\sum_i \sum_j a_{ij} ^3}$; ... ; 9 : $\ x\ _9 = \sqrt[9]{\sum_i \sum_j a_{ij} ^9}$; ∞ : Maximum row sum of absolute element values of a matrix in X : $\ x\ _\infty = \max_i \sum_j a_{ij} $ (TAM : $\ x\ _\infty$, TamNorm menu ; Info : parameter 0, 1, 2, ..., 9, ∞ (use [TamNorm.1]F2 to enter ∞)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_2.pdf
$\ \bar{x} - \bar{y}\ _2$	$\ \bar{x} - \bar{y}\ _2$	Perpendicular distance	Function (dyadic)		<no annunciator>	Vector operations	Menu [VECTOR.1]fF3	Perpendicular distance between Real matrices or vectors ; Complex matrices or vectors Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\ \vec{x}-\vec{y}\ _2$	$\ \vec{x}-\vec{y}\ _2$	Perpendicular distance	Function (dyadic)		<no annunciator>	Vector operations	Menu [VECTOR.2] fF3	Perpendicular distance between Real matrices or vectors ; Complex matrices or vectors Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_2.pdf
$ x $	$ x $	Magnitude	Function (monadic)			Complex numbers	Menu [CPX.1] fF3	Magnitude (absolute value) of Complex number Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
$ x $	$ x $	Magnitude	Function (monadic)			Complex numbers	Menu [REAL.1] gF3	Magnitude (absolute value) of Complex number Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
$ x $	$ x $	Magnitude	Function (monadic)			Complex numbers	Menu [BLUE7.1] fF1	Magnitude (absolute value) of Complex number Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_1.pdf
$ x $	$ x $	Magnitude	Function (monadic)			Complex numbers	Keyboard f [ST0]	Magnitude (absolute value) of Complex number Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
$ x $	$ x $	Magnitude	Function (monadic)			Complex numbers	Menu [FCNS.4] F2	Magnitude (absolute value) of Complex number Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_4.pdf
$ x $	$ x $	Magnitude	Function (monadic)			Complex numbers	Keyboard longpress [ST0]	Magnitude (absolute value) of Complex number Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
$\sim$	--	Tilde	Character			Characters	Menu [oMath.2] gF1	Mathematical symbol $\sim$ (Fontcode : 007E1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
$\sim$	--	Tilde	Character			Characters	Menu [oMisc.3] gF2	Special character $\sim$ (Fontcode : 007E1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
$-$	--	Subscript -	Character			Characters	Menu [oMath.6] fF4	Mathematical symbol $-$ (Fontcode : 20B91s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_6.pdf
$\mp$	--	Minus-plus	Character			Characters	See description	Character $\mp$ (Fontcode : 22131s)
$\circ$	--	Ring	Character			Characters	Menu [oMath.3] gF3	Mathematical symbol $\circ$ (Fontcode : 22181s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_3.pdf
$\bullet$	--	Bullet	Character			Characters	Menu [oMath.3] gF2	Mathematical symbol $\bullet$ (Fontcode : 22191s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_3.pdf
$\bullet$	--	Bullet	Character			Characters	Menu [oMisc.3] fF5	Special character $\bullet$ (Fontcode : 22191s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
$\sqrt{}$	--	Square root	Character			Mathematics and characters	Keyboard alpha g [$\sqrt{x}$]	Square root (Shortcut : alpha g [$\sqrt{x}$] ; Info : Fontcode : 221A1s) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
$\sqrt{}$	--	Square root	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).1] F4	Square root (Shortcut : alpha g [$\sqrt{x}$] ; Info : Fontcode : 221A1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
$\sqrt{}$	--	Square root	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).1] F4	Square root (Shortcut : alpha g [$\sqrt{x}$] ; Info : Fontcode : 221A1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
$\sqrt{}$	--	Square root	Character			Mathematics and characters	Menu [oMath.2] F2	Mathematical symbol $\sqrt{}$ (Fontcode : 221A1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
$\sqrt{(1+x^2)}$	$\sqrt{(1+x^2)}$	$\sqrt{(1+x^2)}$	Function (monadic)			Mathematics	Menu [EXP.1] F3	Calculate $\sqrt{(1+x^2)}$ Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
$\sqrt{x}$	$\sqrt{x}$	Square root	Function (monadic)			Mathematics	Menu [EXP.1] fF3	Square root of X (Info : When X is a matrix $\sqrt{x}$ calculates its square root (MSQRT)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
$\sqrt{x}$	$\sqrt{x}$	Square root	Function (monadic)			Mathematics	Keyboard [$\sqrt{x}$]	Square root of X (Info : When X is a matrix $\sqrt{x}$ calculates its square root (MSQRT)) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
$\sqrt{x}$	$\sqrt{x}$	Square root	Function (monadic)			Mathematics	Keyboard normalSIM [q]	Square root of X (Info : When X is a matrix $\sqrt{x}$ calculates its square root (MSQRT)) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
$\sqrt{x}$	$\sqrt{x}$	Square root	Function (monadic)			Mathematics	Menu [FCNS.4] F3	Square root of X (Info : When X is a matrix $\sqrt{x}$ calculates its square root (MSQRT)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_4.pdf
$\sqrt[3]{}$	--	Cube root	Character			Mathematics and characters	Menu [oMath.2] F3	Mathematical symbol $\sqrt[3]{}$ (Fontcode : 221B1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
$\sqrt[3]{x}$	$\sqrt[3]{x}$	Cube root	Function (monadic)			Mathematics	Menu [EXP.1] fF1	Cube root of X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
$\sqrt[3]{x}$	$\sqrt[3]{x}$	Cube root	Function (monadic)			Mathematics	Menu [FCNS.1] F1	Cube root of X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
$\sqrt[n]{}$	--	xth root	Character			Characters	Menu [oMath.2] F4	Mathematical symbol $\sqrt[n]{}$ (Fontcode : 221C1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
$\sqrt[n]{y}$	$\sqrt[n]{y}$	xth root	Function (dyadic)			Mathematics	Menu [EXP.1] fF2	Xth root of Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
$\sqrt[n]{y}$	$\sqrt[n]{y}$	xth root	Function (dyadic)			Mathematics	Menu [BLUE7.1] fF3	Xth root of Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_1.pdf
$\sqrt[n]{y}$	$\sqrt[n]{y}$	xth root	Function (dyadic)			Mathematics	Menu [MyM6] F4	Xth root of Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_6.pdf
$\sqrt[n]{y}$	$\sqrt[n]{y}$	xth root	Function (dyadic)			Mathematics	Menu [FCNS.3] gF4	Xth root of Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
$\sqrt[n]{y}$	$\sqrt[n]{y}$	xth root	Function (dyadic)			Mathematics	Menu [HOME.1] F4	Xth root of Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
$\sqrt[n]{y}$	$\sqrt[n]{y}$	xth root	Function (dyadic)			Mathematics	Keyboard f [y^n]	Xth root of Y Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
$\sqrt[n]{y}$	$\sqrt[n]{y}$	xth root	Function (dyadic)			Mathematics	Keyboard longpress [y^n]	Xth root of Y Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
$\propto$	--	Proportional to	Character			Characters	Menu [oMath.6] F5	Mathematical symbol $\propto$ (Fontcode : 221D1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_6.pdf
∞	--	Infinity	Character			Characters	Menu [oMath.6] F6	Mathematical symbol ∞ (Fontcode : 221E1s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_6.pdf
∞	--	Infinity	EasyAccess (TAM)			Trailing input	Menu [TamNorm.1] F2	Special infinity button on [TamNorm.1] F2 to enter parameter value ∞ Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNorm_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\omega \sum_n$	$\omega \sum_n$	Infinite sum (RPN)	Command		<no annunciator>	RPN Calculus and plotting	Menu [ADV.1]gF1	Approximate infinite sum using RPN program ; $\omega \sum_n$ (from Z to Y in steps of X, stopping when Y is reached, or - for Real output - when the last digit of the answer at the SDIGS setting does not change anymore) ; terms must be decreasing ; returns number of iterations in Y ; interrupt by [EXIT] -- see Formula_SIGMAN.png : https://N7calc.com/doc/Images/Formula_SIGMAN.png (TAM : $\omega \sum_n$... TamLbOnly menu ; Info : <from> ENTER <to> ENTER <step> $\omega \sum_n$; displays Loop: n, current result, where n is iteration counter ; shown if flag MONIT is SET ; Ref : https://N7calc.com/doc/Application%20Notes/AN0088_Cv7_IM_Programmed_Sums1.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ADV_page_1.pdf
$\perp$	--	Right angle	Character			Characters	Menu [oMath.3]F2	Mathematical symbol $\perp$ (Fontcode : 221F ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
$\angle$	--	Angle	Character			Characters	Menu [oMath.3]F3	Mathematical symbol $\angle$ (Fontcode : 2228 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Menu [CPX.1]fF4	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CPX_page_1.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Menu [REAL.1]gF4	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REAL_page_1.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Menu [BLUE7.1]fF1	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUE7_page_1.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Keyboard g[ST0]	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Menu [FCNS.4]F4	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_1.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Menu [NEW (EQ_EDIT).2]fF6	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NEW_page_2.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Menu [EDIT (EQ_EDIT).2]fF6	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EDIT_EQN_page_2.pdf
$\angle$	4	Argument (angle)	Function (monadic)			Complex numbers	Keyboard longerpress [ST0]	Argument (angle) of Complex number Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
$\angle$	--	Measured angle	Character			Characters	Menu [oMath.3]F4	Mathematical symbol $\angle$ (Fontcode : 2221 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
$\angle \vec{x}, \vec{y}$	$\angle \vec{x}, \vec{y}$	Vector angle	Function (dyadic)		<no annunciator>	Matrix operations	Menu [MATX.2]fF4	Angle between the 2D or 3D vectors in X and Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_2.pdf
$\angle \vec{x}, \vec{y}$	$\angle \vec{x}, \vec{y}$	Vector angle	Function (dyadic)		<no annunciator>	Matrix operations	Menu [VECTOR.1]fF4	Angle between the 2D or 3D vectors in X and Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_1.pdf
$\angle \vec{x}, \vec{y}$	$\angle \vec{x}, \vec{y}$	Vector angle	Function (dyadic)		<no annunciator>	Matrix operations	Menu [VECTOR.2]fF4	Angle between the 2D or 3D vectors in X and Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_2.pdf
$\angle$	--	Spherical angle	Character			Characters	Menu [oMath.3]F5	Mathematical symbol $\angle$ (Fontcode : 2224 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
	--	Divides	Character			Characters	See description	Character (Fontcode : 2223 ₁₆)
	--	Does not divide	Character			Characters	See description	Character (Fontcode : 2224 ₁₆)
		Parallel impedance	Function (dyadic)			Electrical engineering and characters	Menu [ELEC.1]F5	Parallel impedance : (X × Y) / (X + Y) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ELEC_page_1.pdf
		Parallel impedance	Function (dyadic)			Electrical engineering and characters	Menu [X.FN.1]fF2	Parallel impedance : (X × Y) / (X + Y) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_X-FN_page_1.pdf
		Parallel impedance	Function (dyadic)			Electrical engineering and characters	Menu [HOME.1]fF4	Parallel impedance : (X × Y) / (X + Y) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HOME_page_1.pdf
	--	Parallel to	Character			Characters	Menu [oMath.3]gF1	Mathematical symbol (Fontcode : 2225 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
	--	Not parallel to	Character			Characters	See description	Character (Fontcode : 2226 ₁₆)
∧	--	And	Character			Characters	Menu [oMath.2]fF2	Mathematical symbol $\wedge$ (Fontcode : 2227 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_2.pdf
∨	--	Or	Character			Characters	Menu [oMath.2]fF3	Mathematical symbol $\vee$ (Fontcode : 2228 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_2.pdf
∩	--	Intersection	Character			Characters	Menu [oMath.5]fF3	Mathematical symbol $\cap$ (Fontcode : 2229 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_5.pdf
∪	--	Union	Character			Characters	Menu [oMath.5]fF2	Mathematical symbol $\cup$ (Fontcode : 222A ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_5.pdf
$\int$	$\int$ fd	Integrator (variable limits)	Command		<no annunciator>	Integrator	Menu [Tool.1]F3	Solve the integral for the expression entered in the equation editor or the RPN program (with MVAR variables) selected in TAM ; in Program Entry Mode, RPN program must be specified by PGMINT ; integrator limits set by variables (4Lim, 4Lim) ; tolerance set by variable ACC (TAM : $\int$... Tam menu (in PEM, to specify variable to integrate for) ; TI : Accuracy $\approx$; Info : $\int \approx$ displays the accumulated integral sum, the current accuracy achieved, the level counter from 7 down to 0 and an iteration counter ; shown if flag MONIT is SET) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ToolInt_EQN_page_1.pdf
$\int$	$\int$ fd	Integrator (variable limits)	Command		<no annunciator>	Integrator	Menu [Tool.1]F3	Solve the integral for the expression entered in the equation editor or the RPN program (with MVAR variables) selected in TAM ; in Program Entry Mode, RPN program must be specified by PGMINT ; integrator limits set by variables (4Lim, 4Lim) ; tolerance set by variable ACC (TAM : $\int$... Tam menu (in PEM, to specify variable to integrate for) ; TI : Accuracy $\approx$; Info : $\int \approx$ displays the accumulated integral sum, the current accuracy achieved, the level counter from 7 down to 0 and an iteration counter ; shown if flag MONIT is SET) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ToolInt_ADV_page_d.pdf
$\int$	--	Integral	Character			Mathematics and characters	Menu [oMath.4]fF1	Mathematical symbol $\int$ (Fontcode : 222B ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\int f$	$\int f$	Integrator [EQN]	MENU			Integrator	Menu [EQN.1]F5	Integrator (variables) menu for the algebraic expression entered in the equation editor ; enter value and press <var> button(s) to set variables, then press button for variable to be used by the integrator in menu Tool $\int$ or this menu ; if only one variable exists it will be selected and starred automatically ; tolerance set by variable ACC (Info : TI : "Select Integrator Variable" is presented if Tool $\int$ is activated without a variable having been selected first) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EQN_page_1.pdf
$\int f$	$\int f$	Integrator [EQN]	MENU			Integrator	Catalog CAT.MENUS $\int f$	Integrator (variables) menu for the algebraic expression entered in the equation editor ; enter value and press <var> button(s) to set variables, then press button for variable to be used by the integrator in menu Tool $\int$ or this menu ; if only one variable exists it will be selected and starred automatically ; tolerance set by variable ACC (Info : TI : "Select Integrator Variable" is presented if Tool $\int$ is activated without a variable having been selected first) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Integral-f_page_1.pdf
$\iint$	--	Double integral	Character			Characters	Menu [cMath.v] fF3	Mathematical symbol $\iint$ (Fontcode : 222C ₁₆) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_alphaMATH_page_4.pdf
$\iiint$	--	Triple integral	Character			Characters	Menu [cMath.v] fF5	Mathematical symbol $\iiint$ (Fontcode : 222D ₁₆) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_alphaMATH_page_4.pdf
$\int_y^x$	$\int_y^x$	Integrator (stack limits)	Command		<no annunciator>	Integrator	Menu [$\int f.1$] F8	Solve the integral for the expression entered in the equation editor or the RPN program (with MVAR variables) selected in TAM ; in Program Entry Mode, RPN program must be specified by PGMINT ; integrator limits set from stack (Y, X) ; tolerance set by variable ACC (TAM : $\int_y^x$... Tam menu (in PEM, to specify variable to integrate for) ; TI : Accuracy $\approx$; Info : $\int$ displays the accumulated integral sum, the current accuracy achieved, the level counter from 7 down to 0 and an iteration counter ; shown if flag MONIT is SET) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Integral-f_page_1.pdf
$\int_y^x$	$\int_y^x$	Integrator (stack limits)	Command		<no annunciator>	Integrator	Menu [Tool.1] F2	Solve the integral for the expression entered in the equation editor or the RPN program (with MVAR variables) selected in TAM ; in Program Entry Mode, RPN program must be specified by PGMINT ; integrator limits set from stack (Y, X) ; tolerance set by variable ACC (TAM : $\int_y^x$... Tam menu (in PEM, to specify variable to integrate for) ; TI : Accuracy $\approx$; Info : $\int$ displays the accumulated integral sum, the current accuracy achieved, the level counter from 7 down to 0 and an iteration counter ; shown if flag MONIT is SET) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_ToolInt_EQN_page_1.pdf
$\int_y^x$	$\int_y^x$	Integrator (stack limits)	Command		<no annunciator>	Integrator	Menu [Tool.1] F2	Solve the integral for the expression entered in the equation editor or the RPN program (with MVAR variables) selected in TAM ; in Program Entry Mode, RPN program must be specified by PGMINT ; integrator limits set from stack (Y, X) ; tolerance set by variable ACC (TAM : $\int_y^x$... Tam menu (in PEM, to specify variable to integrate for) ; TI : Accuracy $\approx$; Info : $\int$ displays the accumulated integral sum, the current accuracy achieved, the level counter from 7 down to 0 and an iteration counter ; shown if flag MONIT is SET) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_ToolInt_ADV_page_d.pdf
$\int$ AREA	--	Shade curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw $\int$ (PLFUNC.v)] fF2	Switch on shading the trapezoid integral from the graph points ; not programmable - in PEM, use flag PLshad (Info : $\int$ Trapezoid integral is displayed ; switching ON $\int$ AREA also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF $\int$ AREA ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_DrawYX_page_4.pdf
$\int$ AREA	--	Shade curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC.v)] fF2	Switch on shading the trapezoid integral from the graph points ; not programmable - in PEM, use flag PLshad (Info : $\int$ Trapezoid integral is displayed ; switching ON $\int$ AREA also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF $\int$ AREA ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Draw_page_4.pdf
$\int$ AREA	--	Shade curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.3] fF2	Switch on shading the trapezoid integral from the graph points ; not programmable - in PEM, use flag PLshad (Info : $\int$ Trapezoid integral is displayed ; switching ON $\int$ AREA also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF $\int$ AREA ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PLSTAT_page_3.pdf
$\int$ AREA	--	Shade curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCONS (PLFUNC.v)] fF2	Switch on shading the trapezoid integral from the graph points ; not programmable - in PEM, use flag PLshad (Info : $\int$ Trapezoid integral is displayed ; switching ON $\int$ AREA also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF $\int$ AREA ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PLTFCONS_page_4.pdf
$\int f d$	$\int f d$	Integrator (RPN)	MENU			RPN Calculus and plotting	Menu [ADV.1] F4	Integrator (variables) menu for the RPN program (with MVAR variables) selected with TamLbOnly menu ; enter value and press <var> button(s) to set variables, then press button for variable to be used by the integrator in menu Tool $\int$; in Program Entry Mode, the RPN program must be specified by PGMINT and the variable with the Tam menu ; tolerance set by variable ACC (TAM : $\int f d$ _ TamLbOnly menu (uses Tam menu in PEM, to specify variable to integrate for)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_ADV_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\int f d$	$\int f d$	Integrator (RPN)	MENU			RPN Calculus and plotting	Catalog CAT.MENUS $\int f d$	Integrator (variables) menu for the RPN program (with MVAR variables) selected with TamLbOnly menu ; enter value and press <var> button(s) to set variables, then press button for variable to be used by the integrator in menu Tool $\int$; in Program Entry Mode, the RPN program must be specified by PGMINT and the variable with the Tam menu ; tolerance set by variable ACC (TAM : $\int f d$ _ TamLbOnly menu (uses Tam menu in PEM, to specify variable to integrate for)) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_Integral-fd_page_1.pdf
$\oint$	--	Contour integral	Character			Characters	Menu [oMath.v] fF2	Mathematical symbol $\oint$ (Fontcode : 222E ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_4.pdf
$\oiint$	--	Surface integral	Character			Characters	Menu [oMath.v] fF4	Mathematical symbol $\oiint$ (Fontcode : 222F ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_4.pdf
$\iiint$	--	Volume integral	Character			Characters	Menu [oMath.v] fF6	Mathematical symbol $\iiint$ (Fontcode : 2230 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_4.pdf
:	--	Ratio	Character			Characters	See description	Character : (Fontcode : 2236 ₁₆)
$\approx$	--	Asymptotically equal to	Character			Characters	Menu [oMath.2] gF3	Mathematical symbol $\approx$ (Fontcode : 2243 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_2.pdf
$\simeq$	--	Almost equal	Character			Characters	Menu [oMath.2] gF2	Mathematical symbol $\simeq$ (Fontcode : 2248 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_2.pdf
$\colon=$	--	Colon equals	Character			Characters	Menu [oMath.2] gF5	Mathematical symbol $\colon=$ (Fontcode : 2254 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_2.pdf
$\equiv$	--	Corresponds to	Character			Characters	See description	Character $\equiv$ (Fontcode : 2258 ₁₆)
$\hat{=}$	--	Estimates	Character			Characters	See description	Character $\hat{=}$ (Fontcode : 2259 ₁₆)
$\equiv$	--	Identical to	Character			Characters	Menu [oMath.2] gF4	Mathematical symbol $\equiv$ (Fontcode : 2261 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_2.pdf
$\leq$	--	Less or equal than	Character			Characters	Menu [oMath.1] F2	Mathematical symbol $\leq$ (Fontcode : 2264 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_1.pdf
$\geq$	--	Greater or equal than	Character			Characters	Menu [oMath.1] F5	Mathematical symbol $\geq$ (Fontcode : 2265 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_1.pdf
$\ll$	--	Much less than	Character			Characters	See description	Character $\ll$ (Fontcode : 226A ₁₆)
$\gg$	--	Much greater than	Character			Characters	See description	Character $\gg$ (Fontcode : 226B ₁₆)
$\subset$	--	Subset of	Character			Characters	Menu [oMath.5] fF4	Mathematical symbol $\subset$ (Fontcode : 2282 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_5.pdf
$\not\subset$	--	Not a subset of	Character			Characters	Menu [oMath.5] fF5	Mathematical symbol $\not\subset$ (Fontcode : 2284 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_5.pdf
$\ominus$	--	Subscript earth	Character			Characters	Menu [oMisc.v] fF4	Special character $\ominus$ (Fontcode : 2295 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMisc_page_4.pdf
α	--	Subscript alpha	Character			Characters	See description	Character α (Fontcode : 2296 ₁₆)
δ	--	Subscript delta	Character			Characters	See description	Character δ (Fontcode : 2297 ₁₆)
μ	--	Subscript mu	Character			Characters	See description	Character μ (Fontcode : 2298 ₁₆)
$\odot$	--	Polar (Character)	Character			Characters	Menu [oMath.3] F1	Mathematical symbol $\odot$ (Fontcode : 2299 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_3.pdf
$\bigodot$	--	Sun	Character			Characters	See description	Character $\bigodot$ (Fontcode : 2299 ₁₆)
$\oslash$	--	Subscript sun	Character			Characters	Menu [oMisc.v] fF3	Special character $\oslash$ (Fontcode : 229A ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMisc_page_4.pdf
$\dashv$	--	right tack	Character			Characters	Menu [oMath.3] fF5	Mathematical symbol $\dashv$ (Fontcode : 22A2 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_3.pdf
$\top$	--	Transposed	Character			Characters	See description	Character $\top$ (Fontcode : 22A4 ₁₆)
$\perp$	--	Perpendicular	Character			Characters	Menu [oMath.3] fF6	Mathematical symbol $\perp$ (Fontcode : 22A5 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_3.pdf
$\vee$	--	Xor	Character			Characters	Menu [oMath.2] fF4	Mathematical symbol $\vee$ (Fontcode : 22B9 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_2.pdf
$\bar{\wedge}$	--	Nand	Character			Characters	Menu [oMath.2] fF5	Mathematical symbol $\bar{\wedge}$ (Fontcode : 22BC ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_2.pdf
$\bar{\vee}$	--	Nor	Character			Characters	Menu [oMath.2] fF6	Mathematical symbol $\bar{\vee}$ (Fontcode : 22BD ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMATH_page_2.pdf
$\cdot$	--	Wide dot	Character			Characters	See description	Character $\cdot$ (Fontcode : 22C5 ₁₆)
$\mathcal{W}$	--	Watch	Character			Characters	Menu [oMisc.3] gF4	Special character $\mathcal{W}$ (Fontcode : 231A ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMisc_page_3.pdf
$\mathcal{H}$	--	Hourglass	Character			Characters	Menu [oMisc.3] gF3	Special character $\mathcal{H}$ (Fontcode : 231B ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMisc_page_3.pdf
$\mathcal{U}$	UNDO	Undo	Command (nonpgm)			Stack	Menu [BLUE7.1] F6	Restore complete stack, LASTx, STATS and system flags (Info : Error 128 -- Undo failed: likely no memory -- may be raised) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_BLUE7_page_1.pdf
$\mathcal{U}$	UNDO	Undo	Command (nonpgm)			Stack	Keyboard f [+]	Restore complete stack, LASTx, STATS and system flags (Info : Error 128 -- Undo failed: likely no memory -- may be raised) Ref : https://N7calc.com/doc/RN7/Keyboard/RN7v0_Keyboard_row_4.pdf
$\mathcal{U}$	--	Undo	Character			Characters	See description	Character $\mathcal{U}$ (Fontcode : 238C ₁₆)
--	--	DC current	Character			Characters	Menu [oMisc.v] gF4	Special character -- (Fontcode : 2393 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMisc_page_4.pdf
$\mathcal{P}$	--	Printer	Character			Characters	Menu [oMisc.v] F3	Special character $\mathcal{P}$ (Fontcode : 2398 ₁₆) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alphaMisc_page_4.pdf
$\mathcal{P}$	$\mathcal{P}$	Printer control	MENU	82240		Printing	Menu [PRINT.1] gF1	Printer control ; the menu button, e.g. on [PRINT.1] gF1 shows the default printer selected : $\mathcal{P}$ 82240 (Info : Printing is available for new models and simulator, but is currently available on DPM2 hardware only in some packages) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_PRINT_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
		Printer control	MENU	82240		Printing	Menu [PRINT.2] gF1	Printer control ; the menu button, e.g. on [PRINT.1]gF1 shows the default printer selected :  82240 (Info : Printing is available for new models and simulator, but is currently available on DPM2 hardware only in some packages) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
		Printer control	MENU	82240		Printing	Catalog CAT.MENUS 	Printer control ; the menu button, e.g. on [PRINT.1]gF1 shows the default printer selected :  82240 (Info : Printing is available for new models and simulator, but is currently available on DPM2 hardware only in some packages) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Printer_page_1.pdf
		Print byte	Command			Printing	Menu [PRINT.1] fF3	Print single byte (value 0-255), to be used as character or ESC sequence (TAM :  TamNonReg menu ; Info : SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
	--	Print port active	Flag (system)	CLEAR	<no annunciator>	Printing	Menu [SYS.FL.7] F1 (Also) reached from MENU (item, nonpgm) CFL6	SET for infrared print port active ; CLEAR for infrared print port inactive (Info : If flag  ACT is SET, the infrared port is enabled ; if CLEAR, the infrared port is disabled) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_7.pdf
	--	Print port active	Flag (system)	CLEAR	<no annunciator>	Printing	Menu [CFL6 (SYS.FL.)7] F1	SET for infrared print port active ; CLEAR for infrared print port inactive (Info : If flag  ACT is SET, the infrared port is enabled ; if CLEAR, the infrared port is disabled) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_7.pdf
		Printer advance	Command			Printing	Menu [PRINT.1] F1	Advance print paper, after printing the contents of the print buffer (Info : SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
		Printer advance	Command			Printing	Menu [PRINT.2] F1	Advance print paper, after printing the contents of the print buffer (Info : SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
		Print all registers	Command			Printing	Menu [PRINT.2] fF4	Print all registers, labeled ; prints a listing of all global and currently allocated local registers (if any) (Info : [EXIT] or [R/S] can be pressed at any time to stop the listing ; if  OFF, writes all registers to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
		Print character	Command			Printing	Menu [PRINT.1] fF5	Print single character from Unicode value specified in a register or variable (TAM :  CHAR ____ Tam menu ; Info : only characters in the R47 standard font are supported ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
		Set printer delay	Setting (pgm)	18	<no annunciator>	Printing	Menu [ .1] F6	Set printer delay time between lines (TAM :  DELAY ____ Tam menu ; Info : Set printer delay default (18) is set by DMPG ; on the simulator, the default is 0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Printer_page_1.pdf
	--	Get printer delay	Command			Printing	Menu [INF0.1] fF5	Get printer delay Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_1.pdf
	--	Printing enabled	Flag	CLEAR	<no annunciator>	Printing	Menu [SYS.FL.7] F2 (Also) reached from MENU (item, nonpgm) CFL6	SET for printing enabled ; CLEAR for printing disabled Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_7.pdf
	--	Printing enabled	Flag	CLEAR	<no annunciator>	Printing	Menu [CFL6 (SYS.FL.)7] F2	SET for printing enabled ; CLEAR for printing disabled Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_7.pdf
	--	Print all items	Command (SIM)			Printing	Menu [PRINT.2] gF2	Print all items (for testing purposes on simulator only, not available on hardware) (Info : [EXIT] or [R/S] can be pressed at any time to stop the listing ; if  OFF, writes all items to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
		Print LCD	Command (strike)			Printing	Menu [PRINT.2] fF6	Print LCD display ; on the Martel, the full LCD can be printed, but on the 82240 this has not been implemented yet ; note that printing graphics is slow (Info : If OFF, LCD works like SNAP ; writes LCD screenshot to file SCREEN5/<YYYYMMDD-HHMMSS00>.bmp and writes stack to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_3.pdf
		Print list	Command (nonpgm)			Printing	Menu [PRINT.1] fF6	Print specified number of lines of current program (TAM :  LIST ____ TamNonReg menu ; Info : [EXIT] or [R/S] can be pressed at any time to stop the listing ; in printer mode Trace, the program listing is printed in condensed form ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
		Printer mode	Setting (pgm, strike)	0	<no annunciator>	Printing	Menu [ .1] F5	Set printer mode (TAM :  MODE ____ Tam menu ; Info : only mode 0 is implemented for the time being) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Printer_page_1.pdf
	--	Printer mode Normal/Trace	Flag	CLEAR	<no annunciator>	Printing	Menu [SYS.FL.7] F3 (Also) reached from MENU (item, nonpgm) CFL6	SET for printer mode Normal (flag  TRACE is CLEAR) or printer mode Stack trace (flag  TRACE is SET) ; CLEAR for printer mode Manual (flag  TRACE is CLEAR) or printer mode Trace (flag  TRACE is SET) (Info : There are four print modes : MAN, NORM, TRACE and STRACE, which are set by two flags :  TRACE and  NORM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_7.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
 NORM	--	Printer mode Normal/Trace	Flag	CLEAR	<no annunciator>	Printing	Menu [CFLG (SYS.FL.)] F3	SET for printer mode Normal (flag  TRACE is CLEAR) or printer mode Stack trace (flag  TRACE is SET); CLEAR for printer mode Manual (flag  TRACE is CLEAR) or printer mode Trace (flag  TRACE is SET) (Info : There are four print modes : MAN, NORM, TRACE and STRACE, which are set by two flags :  TRACE and  NORM) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFLG_page_1.pdf
 OFF	 OFF 0	Printing OFF	Setting (pgm)	 OFF	<no annunciator>	Printing	Menu [PRINT.1] fF2	Switch off printing and print to file (selected commands) (Info :  OFF clears flag  ACT (infrared print port inactive) and  EN (printing disabled) ; Error 83 -- Printing Is Disabled -- may be shown when executing a print command) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_1.pdf
 OFF	 OFF 0	Printing OFF	Setting (pgm)	 OFF	<no annunciator>	Printing	Menu [PRINT.2] fF2	Switch off printing and print to file (selected commands) (Info :  OFF clears flag  ACT (infrared print port inactive) and  EN (printing disabled) ; Error 83 -- Printing Is Disabled -- may be shown when executing a print command) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_2.pdf
 ON	 ON 0	Printing ON	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.1] fF1	Switch on printing and send commands to infrared print port (Info :  ON sets flag  ACT (infrared print port active) and  EN (printing enabled) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_1.pdf
 ON	 ON 0	Printing ON	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.2] fF1	Switch on printing and send commands to infrared print port (Info :  ON sets flag  ACT (infrared print port active) and  EN (printing enabled) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_2.pdf
 PROG	 PROG	Print program	Command (nonpgm)			Printing	Menu [PRINT.1] F8	Print program, with date and time printed at the top of the listing (TAM :  PROG _ TamblOnly menu ; Info : If  OFF, executes XPORTP ; [EXIT] or [R/S] can be pressed at any time to stop the listing ; in printer mode Trace, the program listing is printed in condensed form ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_1.pdf
 r	 r	Print register or variable	Command			Printing	Menu [PRINT.1] F4	Print single register or variable, labeled with the register or variable name (TAM :  r _ Tam menu ; Info : If  OFF, writes register or variable to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_1.pdf
 REGS	 REGS	Print registers	Command			Printing	Menu [PRINT.2] F4	Print registers, using range number in X (sss.nn means registers from sss through sss + nn - 1) (Info : [EXIT] or [R/S] can be pressed at any time to stop the listing ; If  OFF, writes registers to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_2.pdf
 STK	 STK	Print stack	Command		 ; 8 ; 4	Printing	Menu [PRINT.1] F2	Print stack registers, labeled, in TZYX or DCBA TZYX order, depending on stack size set by SSIZER (Info : If  OFF, writes stack to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  ; 8 ; 4 is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_1.pdf
 TAB	 TAB	Print column	Command			Printing	Menu [PRINT.2] F5	Position print head to print column nnn (HP-82240 : 1-166 columns, Martel : 1-384 columns) (TAM :  TAB _ Tam menu ; Info : SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_2.pdf
 TRACE	--	Printer mode Trace/Stack trace	Flag	CLEAR	<no annunciator>	Printing	Menu [SYS.FL.] F4 (Also) reached from MENU (item, nonpgm) CFLG	SET for printer mode Trace (flag  NORM is CLEAR) or printer mode Stack trace (flag  NORM is SET); CLEAR for printer mode Manual (flag  NORM is CLEAR) or printer mode Normal (flag  NORM is SET) (Info : There are four print modes : MAN, NORM, TRACE and STRACE, which are set by two flags :  TRACE and  NORM) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_7.pdf
 TRACE	--	Printer mode Trace/Stack trace	Flag	CLEAR	<no annunciator>	Printing	Menu [CFLG (SYS.FL.)] F4	SET for printer mode Trace (flag  NORM is CLEAR) or printer mode Stack trace (flag  NORM is SET); CLEAR for printer mode Manual (flag  NORM is CLEAR) or printer mode Normal (flag  NORM is SET) (Info : There are four print modes : MAN, NORM, TRACE and STRACE, which are set by two flags :  TRACE and  NORM) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFLG_page_7.pdf
 USER	 USER	Print user items	Command			Printing	Menu [PRINT.2] F8	Print user items : variable names and values and a list of global program labels and program numbers (Info : [EXIT] or [R/S] can be pressed at any time to stop the listing ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_2.pdf
 WIDTH	 WIDTH	Printer-width	Command (strike)			Printing	Menu [PRINT.2] fF5	Number of columns used to print a string specified in a register or variable (Info : The number of columns returned depends on the printer type selected and (possibly) on  MODE ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_2.pdf
 X	 x	Print X	Command			Printing	Menu [PRINT.1] F3	Print X register, marked with *** (Info : If  OFF, writes X to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_1.pdf
 XFN	 XFN	Print XFN	Command (strike)			Printing	Menu [PRINT.2] fF3	Print all digits of X = Y + Z for Virtual compound data type (0/1/0-1/5 ; 0/1/0 ; 0/1/0) ; used in extended accuracy functions (menu XFCNS) (Info : If  OFF, writes XFN to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PRINT_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
		Print X and Y	Command			Printing	Menu [PRINT.2] F3	Print X and Y registers on the same line, X on the left, Y on the right ; a 2xn or nx2 matrix is printed in two columns ; maximum 11 characters per column including number sign and separator(s) ; this is very limited for Complex numbers (Info : If  OFF, writes X and Y to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
		Print alpha	Command			Printing	Menu [PRINT.1] F5	Print contents of register or variable as text (Info : If  OFF,  writes alpha to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
		Print summation registers	Command			Printing	Menu [PRINT.2] F2	Print summation registers, labeled (Info : SBI  is shown if flag SBprn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
	--	Matrix upper left	Character			Characters	Menu [oMath.5] gF1	Mathematical symbol  (Fontcode : 23A1 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
	--	Matrix middle left	Character			Characters	Menu [oMath.5] fF1	Mathematical symbol  (Fontcode : 23A2 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
	--	Matrix lower left	Character			Characters	Menu [oMath.5] F1	Mathematical symbol  (Fontcode : 23A3 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
	--	Matrix upper right	Character			Characters	Menu [oMath.5] gF2	Mathematical symbol  (Fontcode : 23A4 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
	--	Matrix middle right	Character			Characters	Menu [oMath.5] fF2	Mathematical symbol  (Fontcode : 23A5 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
	--	Matrix lower right	Character			Characters	Menu [oMath.5] F2	Mathematical symbol  (Fontcode : 23A6 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
	--	AC current	Character			Characters	Menu [oMisc.4] gF5	Special character  (Fontcode : 23E6 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
	--	Stopwatch	Character			Characters	Menu [oMisc.3] gF5	Special character  (Fontcode : 23F1 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
	--	Power symbol	Character			Characters	Menu [oMisc.4] gF6	Special character  (Fontcode : 23F8 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
	--	HP42S Line Feed picture	Character			Characters	Menu [oMisc.5] fF1	Special character  (Fontcode : 248A ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
	--	Oblique 1	Character			Characters	See description	Character  (Fontcode : 2421 ₁₆)
	--	Oblique 2	Character			Characters	See description	Character  (Fontcode : 2422 ₁₆)
	--	Space symbol	Character			Characters	See description	Character  (Fontcode : 2423 ₁₆)
	--	Oblique 3	Character			Characters	See description	Character  (Fontcode : 2425 ₁₆)
	--	Oblique 4	Character			Characters	See description	Character  (Fontcode : 2426 ₁₆)
	--	Cursor	Character			Characters	See description	Character  (Fontcode : 2427 ₁₆)
	--	DP decimal separator	Character			Characters	See description	Character  (Fontcode : 2428 ₁₆)
	--	DP decimal separator	Character			Characters	See description	Character  (Fontcode : 2429 ₁₆)
	--	Black key	Key (black)			Customisation	See description	Black key : in the R47 layouts: R47v1 ( # o) and R47v3 (o #), the [o] key is the hotkey that can be used for special key assignments in NORMAL mode, using menu o KEY (Info : Black key is not available in layout R47v0 ; note that USER mode assignment to the black key is possible as well (if available) ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf)
	--	o # layout	Layout	OFF		Customisation	Menu [KEYS.1] fF4	o # keyboard layout (R47v3) ; selecting this layout changes base keys and deletes all keyboard assignments (KEYS.R) ; o denotes the Black key : in the R47 layouts: R47v1 ( # o) and R47v3 (o #), the [o] key is the hotkey that can be used for special key assignments in NORMAL mode, using menu o KEY (TI : R47v3 L.Shift is o, R.Shift is # ; the layout is kept even on RESET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_KEYS_page_1.pdf
[o KEY]	oΣ+KEY	Special <none> hotkey assignments	MENU			Customisation	Catalog CAT.MENU oΣ+KEY	Special hotkey assignments to key <none> in NORMAL mode (Info : NORMAL-assignable hotkey is not available in layout R47v0, pressing any of the menu buttons returns Error 47 -- This item cannot be assigned here) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NRMKEY_page_1.pdf
[o KEY]	oΣ+KEY	Special <none> hotkey assignments	MENU			Customisation	Menu [KEYS.1] F1	Special hotkey assignments to key <none> in NORMAL mode (Info : NORMAL-assignable hotkey is not available in layout R47v0, pressing any of the menu buttons returns Error 47 -- This item cannot be assigned here) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_KEYS_page_1.pdf
	--	HP42S Small black square	Character			Characters	Menu [oMisc.5] fF2	Special character  (Fontcode : 25AA ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
	--	DIA_OFF	Character			Characters	Menu [oMisc.5] F5	Special character  (Fontcode : 25C7 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
	--	DIA_ON	Character			Characters	Menu [oMisc.5] F6	Special character  (Fontcode : 25C8 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
	--	RB_OFF	Character			Characters	Menu [oMisc.5] F3	Special character  (Fontcode : 25EF ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
	--	CB_OFF	Character			Characters	Menu [oMisc.5] F1	Special character  (Fontcode : 2618 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
	--	CB_ON	Character			Characters	Menu [oMisc.5] F2	Special character  (Fontcode : 2612 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
	--	Cyclic	Character			Characters	Menu [oMisc.4] fF1	Special character  (Fontcode : 267A ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
	--	Check mark	Character			Characters	Menu [oMisc.3] fF4	Special character  (Fontcode : 2713 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
⊙	--	RB_ON	Character			Characters	Menu [aMisc.5] F4	Special character ⊙ (Fontcode : 29BF ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_5.pdf
⌘	--	⌘ layout	Layout	OFF		Customisation	Menu [KEYS.1] F2	⌘ keyboard layout (R47v1) ; selecting this layout changes base keys and deletes all keyboard assignments (KEYS.R) ; ⌘ denotes the black key ; in the R47 layouts: R47v1 (⌘ ⌘) and R47v3 (⌘ ⌘), the [⌘] key is the hotkey that can be used for special key assignments in NORMAL mode, using menu ⌘ KEY (T1 : R47v1 L.Shift is ⌘, R.Shift is ⌘ ; the layout is kept even on RESET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_KEYS_page_1.pdf
⌘ g	--	⌘ g layout	Layout	OFF		Customisation	Menu [KEYS.1] F3	⌘ g keyboard layout (R47v2) ; selecting this layout changes base keys and deletes all keyboard assignments (KEYS.R) (T1 : R47v2 L.Shift is ⌘, R.Shift is g ; the layout is kept even on RESET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_KEYS_page_1.pdf
←	--	Left block arrow	Character			Characters	Menu [aMisc.2] F5	Special character ← (Fontcode : 2B60 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
↑	--	Up block arrow	Character			Characters	Menu [aMisc.2] F3	Special character ↑ (Fontcode : 2B61 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
→	--	Right block arrow	Character			Characters	Menu [aMisc.2] F6	Special character → (Fontcode : 2B62 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
↓	--	Down block arrow	Character			Characters	Menu [aMisc.2] F4	Special character ↓ (Fontcode : 2B63 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_2.pdf
¢	--	Cent	Character			Characters	Menu [aMisc.1] F3	Special character ¢ (Fontcode : 00A2 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
\$	--	Dollar	Character			Characters	Menu [aMisc.1] F2	Special character \$ (Fontcode : 0024 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
£	--	Pound	Character			Characters	Menu [aMisc.1] F5	Special character £ (Fontcode : 00A3 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
¥	--	Yen	Character			Characters	Menu [aMisc.1] F6	Special character ¥ (Fontcode : 00A5 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
€	--	Euro	Character			Characters	Menu [aMisc.1] F4	Special character € (Fontcode : 20AC ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
0	--	Digit 0	Digit			Numeric input	Keyboard [0]	Digit 0 (Fontcode : 0030 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
0	--	Digit 0	Character			Numeric input	Keyboard alpha g [0]	Digit 0 (Fontcode : 0030 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
0	--	Digit 0	Digit			Numeric input	Keyboard TAM [0]	Digit 0 (Fontcode : 0030 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
0	--	Digit 0	Digit			Numeric input	Keyboard #TAM [0]	Digit 0 (Fontcode : 0030 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
0	--	Digit 0	Digit			Numeric input	Keyboard normalSIM [0]	Digit 0 (Fontcode : 0030 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
0	--	Subscript 0	Character			Characters	See description	Character 0 (Fontcode : 2080 ₁₆)
0.	--	Real zero	Command (TAM)			Trailing input	Menu [TamCmp.1] F1	Presented in menu TamCmp for comparisons (e.g. x < ?) to quickly enter 0. Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamCmp_page_1.pdf
0.1s	--	Tenths of seconds	Setting (pgm)	ON	<no annunciator>	Stopwatch	Menu [STOPW.1] F5	Show running time with tenths of seconds Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
012→abc	SYMtoA	Convert from symmetrical components	Function (triadic)			Electrical engineering	Menu [ELEC.2] F5	Convert symmetrical components a0, a1, a2 in Z, Y, X to 3-phase a, b, c in Z, Y, X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
1	--	Digit 1	Digit			Numeric input	Keyboard [1]	Digit 1 (Fontcode : 0031 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
1	--	Digit 1	Character			Numeric input	Keyboard alpha g [1]	Digit 1 (Fontcode : 0031 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
1	--	Digit 1	Digit			Numeric input	Keyboard TAM [1]	Digit 1 (Fontcode : 0031 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
1	--	Digit 1	Digit			Numeric input	Keyboard #TAM [1]	Digit 1 (Fontcode : 0031 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
1	--	Digit 1	Digit			Numeric input	Keyboard normalSIM [1]	Digit 1 (Fontcode : 0031 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
1	--	Button 1	Button (black)			Programming	Menu [TamKey.1] F1	Soft button 1 for selection by KEYG or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
1	--	Subscript 1	Character			Characters	See description	Character 1 (Fontcode : 2081 ₁₆)
1.	--	Real one	Command (TAM)			Trailing input	Menu [TamCmp.1] F2	Presented in menu TamCmp for comparisons (e.g. x < ?) to quickly enter 1. Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamCmp_page_1.pdf
g	--	Superscript g	Character			Characters	See description	Character g (Fontcode : 2988 ₁₆)
1/x	1/x	Reciprocal	Function (monadic)			Mathematics	Keyboard [1/x]	Reciprocal (1/X) (Info : When X is a matrix 1/x inverts it ([M] ⁻¹)) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
1/x	1/x	Reciprocal	Function (monadic)			Mathematics	Keyboard normalSIM [v ; V]	Reciprocal (1/X) (Info : When X is a matrix 1/x inverts it ([M] ⁻¹)) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
½	--	Fraction 1/2	Character			Characters	Menu [oMath.6] F4	Mathematical symbol ½ (Fontcode : 00BD ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_8.pdf
¼	--	Fraction 1/4	Character			Characters	Menu [oMath.6] F3	Mathematical symbol ¼ (Fontcode : 00BC ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_8.pdf
10	--	Button 10	Button (black)			Programming	Menu [TamKey.1] F4	Soft button 10 for selection by KEYG or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
.	--	Wide period	Character			Characters	See description	Character . (Fontcode : 2789 ₁₆)
P	--	Superscript p	Character			Characters	See description	Character P (Fontcode : 2981 ₁₆)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
1024 ⁿ	1024 ⁿ □	Binary prefixes	Setting	OFF	<no annunciator>	Numeric input	Menu [Prefix.1]gF5	Switch on binary prefixes in UNIT display mode ; not programmable - in PEM, use flag 1024 ⁿ (Info : Binary prefixes designate powers of 1024, applicable to long integers (will be indicated by Z:) and reals in UNIT display mode) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Prefix_page_1.pdf
1024 ⁿ	--	Binary prefixes	Flag	CLEAR	<no annunciator>	Numeric input	Menu [SYS.FL.1]F1 (Also) reached from MENU (Item, nonpgm) CFL6	SET for binary prefixes in UNIT display mode ; CLEAR for decimal prefixes in UNIT display mode (Info : Binary prefixes designate powers of 1024, applicable to long integers (will be indicated by Z:) and reals in UNIT display mode) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
1024 ⁿ	--	Binary prefixes	Flag	CLEAR	<no annunciator>	Numeric input	Menu [CFL6 (SYS.FL).1]F1	SET for binary prefixes in UNIT display mode ; CLEAR for decimal prefixes in UNIT display mode (Info : Binary prefixes designate powers of 1024, applicable to long integers (will be indicated by Z:) and reals in UNIT display mode) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
10CMPL	10CMPL ○	BCD 10's complement	Setting (pgm)	OFF	<no annunciator>	Bits and bytes	Menu [BITSET.1]gF2	Set BCD 10's complement display of Long integer in #BASE Mode (Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript ₁₀) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
10 ^x	10 ^x	10 to the power x	Function (monadic)			Mathematics	Keyboard f[L06]	Raise 10 to the power in the X-register Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
10 ^x	10 ^x	10 to the power x	Function (monadic)			Mathematics	Menu [MyM.3]F5	Raise 10 to the power in the X-register Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_3.pdf
10 ^x	10 ^x	10 to the power x	Function (monadic)			Mathematics	Menu [MyM.5]F4	Raise 10 to the power in the X-register Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_5.pdf
10 ^x	10 ^x	10 to the power x	Function (monadic)			Mathematics	Menu [MyM.6]F5	Raise 10 to the power in the X-register Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_6.pdf
10 ^x	10 ^x	10 to the power x	Function (monadic)			Mathematics	Keyboard longpress [L06]	Raise 10 to the power in the X-register Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
10 ^x	10 ^x	10 to the power x	Function (monadic)			Mathematics	Menu [HOME.1]F5	Raise 10 to the power in the X-register Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
11	--	Button 11	Button (black)			Programming	Menu [TamKey.1]FF5	Soft button 11 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
q	--	Superscript q	Character			Characters	See description	Character ^q (Fontcode : 2492 ₁₀)
12	--	Button 12	Button (black)			Programming	Menu [TamKey.1]FF6	Soft button 12 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
r	--	Superscript r	Character			Characters	See description	Character ^r (Fontcode : 2493 ₁₀)
13	--	Button 13	Button (black)			Programming	Menu [TamKey.1]gF1	Soft button 13 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
s	--	Superscript s	Character			Characters	See description	Character ^s (Fontcode : 2494 ₁₀)
14	--	Button 14	Button (black)			Programming	Menu [TamKey.1]gF2	Soft button 14 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
t	--	Superscript t	Character			Characters	See description	Character ^t (Fontcode : 2495 ₁₀)
15	--	Button 15	Button (black)			Programming	Menu [TamKey.1]gF3	Soft button 15 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
u	--	Superscript u	Character			Characters	See description	Character ^u (Fontcode : 2496 ₁₀)
16	--	Button 16	Button (black)			Programming	Menu [TamKey.1]gF4	Soft button 16 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
16-BIT	16-BIT ○	Word size 16 bits	Setting (pgm)	OFF	16:<m>	Number bases	Menu [BASE.1]gF3	Set word size to 16 bits, for Short integer (8.02-8.16) (Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 16:<m> is shown if flag SBint is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
16:2	--	Signed 16 bits	Setting (pgm)	OFF	16:2	Number bases	Menu [BASE.2]fF3	Shortcut to set word size to 16 bits signed (ISM = 2) -- 2's complement (Info : SBI 16:2 is shown if flag SBint is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
16:u	--	Unsigned 16 bits	Setting (pgm)	OFF	16:u	Number bases	Menu [BASE.2]gF3	Shortcut to set word size to 16 bits unsigned (ISM = 0) -- Unsigned (Info : SBI 16:u is shown if flag SBint is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
v	--	Superscript v	Character			Characters	See description	Character ^v (Fontcode : 2497 ₁₀)
17	--	Button 17	Button (black)			Programming	Menu [TamKey.1]gF5	Soft button 17 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
w	--	Superscript w	Character			Characters	See description	Character ^w (Fontcode : 2498 ₁₀)
18	--	Button 18	Button (black)			Programming	Menu [TamKey.1]gF6	Soft button 18 for selection by KEY6 or KEYX command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
x	--	Superscript x	Character			Characters	See description	Character ^x (Fontcode : 2499 ₁₀)
y	--	Superscript y	Character			Characters	See description	Character ^y (Fontcode : 249A ₁₀)
1COMPL	1COMPL ○	1's complement	Setting (pgm)	OFF	<w>1	Bits and bytes	Menu [BITSET.1]fF1	Set 1's complement mode for Long integer (ISM = 1) (Info : <w> in SBI indicates word size (menu BITSET) ; SBI <w>1 is shown if flag SBint is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
2	--	Digit 2	Digit			Numeric input	Keyboard [2]	Digit 2 (Fontcode : 0032 ₁₀) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
2	--	Digit 2	Character			Numeric input	Keyboard alpha g[2]	Digit 2 (Fontcode : 0032 ₁₀) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
2	--	Digit 2	Digit			Numeric input	Keyboard TAM [2]	Digit 2 (Fontcode : 0032 ₁₀) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
2	--	Digit 2	Digit			Numeric input	Keyboard #TAM [2]	Digit 2 (Fontcode : 0032 ₁₀) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
2	--	Digit 2	Digit			Numeric input	Keyboard normalSIM [2]	Digit 2 (Fontcode : 0032 ₁₀) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
2	--	Button 2	Button (black)			Programming	Menu [TamKey.1] F2	Soft button 2 for selection by KEY6 or KEYX command Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_TamKey_page_d.pdf
2	--	Subscript 2	Character			Characters	See description	Character 2 (Fontcode : 20821 ₆)
h	--	Superscript h	Character			Characters	See description	Character ^h (Fontcode : 24881 ₆)
z	--	Superscript z	Character			Characters	See description	Character ^z (Fontcode : 24891 ₆)
2COMPL	2COMPL 0	2's complement	Setting (pgm)	ON	<w>2	Bits and bytes	Menu [BITSET.1] fF2	Set 2's complement mode for Long integer (ISM = 2) (Info : <w> in SBI indicates word size (menu BITSET) ; SBI <w>2 is shown if flag SBint is SET) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_BITSET_page_1.pdf
2RCL	2RCL	Recall X, Y	Command			Stack	Menu [MULTSTK.1] fF2	Recall X, Y from two consecutive registers, specify first register using TAM Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_MULTSTK_page_1.pdf
2ST0	2ST0	Store X, Y	Command			Stack	Menu [MULTSTK.1] fF1	Store X, Y to two consecutive registers, specify first register using TAM Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_MULTSTK_page_1.pdf
2 ^x	2 ^x	2 to the power x	Function (monadic)			Mathematics	Menu [EXP.1] fF4	Raise 2 to the power in the X-register Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_EXP_page_1.pdf
3	--	Digit 3	Digit			Numeric input	Keyboard [3]	Digit 3 (Fontcode : 00331 ₆) Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_7.pdf
3	--	Digit 3	Character			Numeric input	Keyboard alpha g[3]	Digit 3 (Fontcode : 00331 ₆) Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_7.pdf
3	--	Digit 3	Digit			Numeric input	Keyboard TAM [3]	Digit 3 (Fontcode : 00331 ₆) Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_7.pdf
3	--	Digit 3	Digit			Numeric input	Keyboard #TAM [3]	Digit 3 (Fontcode : 00331 ₆) Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_7.pdf
3	--	Digit 3	Digit			Numeric input	Keyboard normalSIM [3]	Digit 3 (Fontcode : 00331 ₆) Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_7.pdf
3	--	Button 3	Button (black)			Programming	Menu [TamKey.1] F3	Soft button 3 for selection by KEY6 or KEYX command Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_TamKey_page_d.pdf
3	--	Subscript 3	Character			Characters	See description	Character 3 (Fontcode : 20831 ₆)
i	--	Superscript i	Character			Characters	See description	Character ⁱ (Fontcode : 248A1 ₆)
32-BIT	32-BIT 0	Word size 32 bits	Setting (pgm)	OFF	32:<m>	Number bases	Menu [BASE.1] gF2	Set word size to 32 bits, for Short integer (8.02-8.16) (Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 32:<m> is shown if flag SBint is SET) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_BASE_page_1.pdf
32:2	--	Signed 32 bits	Setting (pgm)	OFF	32:2	Number bases	Menu [BASE.2] fF2	Shortcut to set word size to 32 bits signed (ISM = 2) -- 2's complement (Info : SBI 32:2 is shown if flag SBint is SET) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_BASE_page_2.pdf
32:u	--	Unsigned 32 bits	Setting (pgm)	OFF	32:u	Number bases	Menu [BASE.2] gF2	Shortcut to set word size to 32 bits unsigned (ISM = 0) -- Unsigned (Info : SBI 32:u is shown if flag SBint is SET) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_BASE_page_2.pdf
3DPHYS	--	Physics or Math	Flag	CLEAR	<no annunciator>	Vector operations	Menu [SYS.FL.1] F2 (Also) reached from MENU (item, nonpgm) CFL6	SET for Physics conventions in spherical polar vectors ; CLEAR for Math conventions in spherical polar vectors (Info : The notation convention is indicated by the TI subscript of the spherical polar vector : p for Physics, m for Math (determines ordering of vector elements, works on whole stack)) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_SYS-FL_page_1.pdf
3DPHYS	--	Physics or Math	Flag	CLEAR	<no annunciator>	Vector operations	Menu [CFL6 (SYS.FL.).1] F2	SET for Physics conventions in spherical polar vectors ; CLEAR for Math conventions in spherical polar vectors (Info : The notation convention is indicated by the TI subscript of the spherical polar vector : p for Physics, m for Math (determines ordering of vector elements, works on whole stack)) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_CFL6_page_1.pdf
3DPHYS	--	Physics or Math	Setting (pgm)	OFF	<no annunciator>	Vector operations	Menu [V4→V.1] gF5	Switch on Physics conventions in spherical polar vectors (Info : The notation convention is indicated by the TI subscript of the spherical polar vector : p for Physics, m for Math (determines ordering of vector elements, works on whole stack)) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_VectorConv_page_1.pdf
3DROP	3DROP	Drop X, Y, Z	Command			Stack	Menu [ELEC.2] F6	Drop X, Y, Z Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_ELEC_page_2.pdf
3DROP	3DROP	Drop X, Y, Z	Command			Stack	Menu [XFCNS.3] F3	Drop X, Y, Z Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_XFCNS_page_3.pdf
3DROP	3DROP	Drop X, Y, Z	Command			Stack	Menu [MULTSTK.1] F3	Drop X, Y, Z Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_MULTSTK_page_1.pdf
3DUP	3DUP	Duplicate X, Y, Z to T, A, B	Command			Stack	Menu [XFCNS.3] F5	Duplicate X, Y, Z to T, A, B Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_XFCNS_page_3.pdf
3DUP	3DUP	Duplicate X, Y, Z to T, A, B	Command			Stack	Menu [MULTSTK.1] F4	Duplicate X, Y, Z to T, A, B Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_MULTSTK_page_1.pdf
3Dxyz	--	xyz or ijk vector display	Flag	CLEAR	<no annunciator>	Vector operations	Menu [SYS.FL.1] F3 (Also) reached from MENU (item, nonpgm) CFL6	SET for xyz (r8z) display of vectors ; CLEAR for ijk (r8k) display of vectors (Info : Indicated by TI subscript of vector elements : xyz or ijk) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_SYS-FL_page_1.pdf
3Dxyz	--	xyz or ijk vector display	Flag	CLEAR	<no annunciator>	Vector operations	Menu [CFL6 (SYS.FL.).1] F3	SET for xyz (r8z) display of vectors ; CLEAR for ijk (r8k) display of vectors (Info : Indicated by TI subscript of vector elements : xyz or ijk) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_CFL6_page_1.pdf
3Dxyz	--	xyz or ijk vector display	Setting (pgm)	OFF	<no annunciator>	Vector operations	Menu [V4→V.1] gF6	Switch on xyz (r8z) display of vectors (Info : Indicated by TI subscript of vector elements : xyz or ijk) Ref : https://n7calc.com/doc/Rn7/Menuus/Rn7v0_Menu_VectorConv_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
3R↔3P	3R↔3P	Convert triple RECT ↔ POLAR	Function (triadic)			Electrical engineering	Menu [ELEC.2]gF6	Convert Real Z, Y, X to Complex Z, Y, X (according to flag POLAR) and vice versa (Info : Three-phase rectangular-polar conversion) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3RCL	3RCL	Recall X, Y, Z	Command			Stack	Menu [XFCNS.3]F2	Recall X, Y, Z from three consecutive registers, specify first register using TAM (TAM : 3RCL ... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_3.pdf
3RCL	3RCL	Recall X, Y, Z	Command			Stack	Menu [MULTSTK.1]F2	Recall X, Y, Z from three consecutive registers, specify first register using TAM (TAM : 3RCL ... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
3RCL_{I93}	3RCL _{I93}	Recall triple I	Command			Electrical engineering	Menu [ELEC.2]fF2	Push R83, R94, R95 to X, Y, Z ; used in menu ELEC and as dedicated registers for Virtual compound data types, as a "Triplet" stored in R83, R94, R95, interpreted as FMA (fused multiply-add) of R93 × R94 + R95 when used by extended accuracy functions in menu XFCNS ; split screen may show "No error" (Info : R93, mapped to R83, R94, R95) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3RCL_{V90}	3RCL _{V90}	Recall triple V	Command			Electrical engineering	Menu [ELEC.2]fF1	Push R80, R91, R92 to X, Y, Z ; used in menu ELEC and as dedicated registers for Virtual compound data types, as a "Triplet" stored in R80, R91, R92, interpreted as FMA (fused multiply-add) of R90 × R91 + R92 when used by extended accuracy functions in menu XFCNS ; split screen may show "No error" (Info : R80, mapped to R80, R91, R92) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3RCL_{Z96}	3RCL _{Z96}	Recall triple Z	Command			Electrical engineering	Menu [ELEC.2]fF3	Push R86, R97, R98 to X, Y, Z ; used in menu ELEC and as dedicated registers for Virtual compound data types, as a "Triplet" stored in R86, R97, R98, interpreted as FMA (fused multiply-add) of R96 × R97 + R98 when used by extended accuracy functions in menu XFCNS ; split screen may show "No error" (Info : R86, mapped to R86, R97, R98) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3ST0	3ST0	Store X, Y, Z	Command			Stack	Menu [XFCNS.3]F1	Store X, Y, Z to three consecutive registers, specify first register using TAM (TAM : 3ST0 ... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_3.pdf
3ST0	3ST0	Store X, Y, Z	Command			Stack	Menu [MULTSTK.1]F1	Store X, Y, Z to three consecutive registers, specify first register using TAM (TAM : 3ST0 ... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
3ST0_{I93}	3ST0 _{I93}	Store triple I	Command			Electrical engineering	Menu [ELEC.2]gF2	Copy X, Y, Z to R83, R94, R95 ; used in menu ELEC and as dedicated registers for Virtual compound data types, as a "Triplet" stored in R83, R94, R95, interpreted as FMA (fused multiply-add) of R93 × R94 + R95 when used by extended accuracy functions in menu XFCNS ; split screen may show "No error" (Info : R93, mapped to R83, R94, R95) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3ST0_{V90}	3ST0 _{V90}	Store triple V	Command			Electrical engineering	Menu [ELEC.2]gF1	Copy X, Y, Z to R80, R91, R92 ; used in menu ELEC and as dedicated registers for Virtual compound data types, as a "Triplet" stored in R80, R91, R92, interpreted as FMA (fused multiply-add) of R90 × R91 + R92 when used by extended accuracy functions in menu XFCNS ; split screen may show "No error" (Info : R80, mapped to R80, R91, R92) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3ST0_{Z96}	3ST0 _{Z96}	Store triple Z	Command			Electrical engineering	Menu [ELEC.2]gF3	Copy X, Y, Z to R86, R97, R98 ; used in menu ELEC and as dedicated registers for Virtual compound data types, as a "Triplet" stored in R86, R97, R98, interpreted as FMA (fused multiply-add) of R96 × R97 + R98 when used by extended accuracy functions in menu XFCNS ; split screen may show "No error" (Info : R86, mapped to R86, R97, R98) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3SWAP	3SWAP	Swap X, Y, Z and T, A, B	Command			Stack	Menu [ELEC.2]F5	Swap X, Y, Z and T, A, B Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
3SWAP	3SWAP	Swap X, Y, Z and T, A, B	Command			Stack	Menu [XFCNS.3]F4	Swap X, Y, Z and T, A, B Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_3.pdf
3SWAP	3SWAP	Swap X, Y, Z and T, A, B	Command			Stack	Menu [MULTSTK.1]F5	Swap X, Y, Z and T, A, B Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
4	--	Digit 4	Digit			Numeric input	Keyboard [4]	Digit 4 (Fontcode : 0034 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
4	--	Digit 4	Character			Numeric input	Keyboard alpha g [4]	Digit 4 (Fontcode : 0034 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
4	--	Digit 4	Digit			Numeric input	Keyboard TAM [4]	Digit 4 (Fontcode : 0034 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
4	--	Digit 4	Digit			Numeric input	Keyboard #TAM [4]	Digit 4 (Fontcode : 0034 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
4	--	Digit 4	Digit			Numeric input	Keyboard normalSIM [4]	Digit 4 (Fontcode : 0034 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
4	--	Button 4	Button (black)			Programming	Menu [TamKey.1]F4	Soft button 4 for selection by KEY6 or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
4	--	Subscript 4	Character			Characters	See description	Character 4 (Fontcode : 2084 ₁₆)
4	--	Superscript 4	Character			Characters	See description	Character 4 (Fontcode : 248B ₁₆)
[42]	42	42-compatible operations	MENU (42)			Compatibility	Menu [P.FN2.1]fF6	Functions and commands that are 100% compatible with the HP-42S/DM42(n) calculators (Ref : https://n7calc.com/doc/Application%20Notes/AN0026_C47_R47_DL_42S_Compatibility.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[42]	42	42-compatible operations	MENU (42)			Compatibility	Catalog CAT.MENU 42	Functions and commands that are 100% compatible with the HP-42S/DM42(n) calculators (Ref : https://N7calc.com/doc/Application%20Notes/AN026_CN7_R47_DL_42S_Compatibility.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42←	42←	Append string to Alpha register	Command (42, PEM)			Compatibility	Menu [42.1] F2	Append text string to Alpha register (default K) ; this is a HP-42S/DM42(n) calculator compatible command (TAM : 42← " TamAlpha menu (maximum 14 characters) ; Info : for the 42-compatible alpha functions and commands, the Alpha register (default K) is limited to 44 characters ; Error 64 -- No string in alpha register -- may be raised) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42AIP	42AIP	Alpha register Integer Part	Command (42)			Compatibility	Menu [42.1] FF6	Append integer part of X to text string in Alpha register (default K) ; this is a HP-42S/DM42(n) calculator compatible command (Info : If the register or variable does not contain a text string, 42AIP will first convert it to text string ; for the 42-compatible alpha functions and commands, the Alpha register (default K) is limited to 44 characters) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42ALENG	42ALENG	Alpha register length	Command (42)			Compatibility	Menu [42.1] FF1	Get length of text string in Alpha register (default K) ; this is a HP-42S/DM42(n) calculator compatible command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42ARCL	42ARCL	Recall to Alpha register	Command (42)			Compatibility	Menu [42.1] F3	Append contents of register or variable (formatted according to the display settings) to Alpha register (default K) ; this is a HP-42S/DM42(n) calculator compatible command (TAM : 42ARCL -- Tam menu ; for the 42-compatible alpha functions and commands, the Alpha register (default K) is limited to 44 characters ; Error 64 -- No string in alpha register -- may be raised) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42AROT	42AROT	Rotate Alpha register	Command (42)			Compatibility	Menu [42.1] FF3	Rotate Alpha register by the number of characters specified in X (positive : shift left, negative : shift right) ; this is a HP-42S/DM42(n) calculator compatible command (Info : For empty text string, 42AROT acts as NOP ; Error 64 -- No string in alpha register -- may be raised) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42ASHF	42ASHF	Shift Alpha register	Command (42)			Compatibility	Menu [42.1] FF4	Shift the six leftmost characters out of the Alpha register (default K) ; this is a HP-42S/DM42(n) calculator compatible command (Info : For empty text string, 42ASHF acts as NOP ; Error 64 -- No string in alpha register -- may be raised) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42ASTO	42ASTO	Store from Alpha register	Command (42)			Compatibility	Menu [42.1] F4	Store first six characters of text string in Alpha register (default K) in register or variable ; this is a HP-42S/DM42(n) calculator compatible command (TAM : 42ASTO -- Tam menu ; Error 64 -- No string in alpha register -- may be raised) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42ATOX	42ATOX	Alpha register to X	Function (42, monadic)			Compatibility	Menu [42.1] gF5	Convert first alpha character of text string in Alpha register (default K) to character code (hexadecimal) and remove this character ; this is a HP-42S/DM42(n) calculator compatible function (Info : For empty text string, 42ATOX returns 0 only) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42AVIEW	42AVIEW	View Alpha register	Command (42, PEM)			Compatibility	Menu [42.1] F5	View the Alpha register (default K) contents (text string) in the top left part of the screen, without TI (for use in Program Entry Mode) ; if the contents include the 42 symbol, optionally display one or more TI's at the top, X, Y, Z line ; example: "top line = 42 X = 42 Y = 42 Z = " ; this is a HP-42S/DM42(n) calculator compatible command (Info : If 42ACT is SET, 42AVIEW will print when executed from the keyboard in MAN, NORM or TRACE ; in Program Entry Mode, 42AVIEW must be SET as well ; if 42ACT is CLEAR and 42EN is SET, 42AVIEW halts execution (R/S)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42BIT?	--	42BIT?	Command (42, 42Strike)			Compatibility	Menu [42.2] F2	42BIT? Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_2.pdf
42CLA	42CLA	Clear Alpha register	Command (42)			Compatibility	Menu [42.1] F6	Clear Alpha register (default K) ; this is a HP-42S/DM42(n) calculator compatible command Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42DIM#	42DIM#	Matrix dimension (X)	Function (42, monadic)			Matrix operations	Menu [42.2] F1	Get dimensions of matrix in X ; this is a HP-42S/DM42(n) calculator compatible function Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_2.pdf
42KEY	--	Key (42)	Command (42, PEM)			Compatibility	See description	Used in Program Entry Mode to specify soft button (1-18) of the Programmable MENU, forming program step for 42KEY 42KEY nn GTO ; 42KEYX 42KEY nn XEQ (TAM : 42KEY -- TamKey menu)
42KEYG	42KEYG	Key Go to (42)	Command (42, PEM)			Compatibility	Menu [42.1] gF1	Used in Program Entry Mode to specify the label to go to when soft button (1-18) of the Programmable MENU, [42] (18), [42] (20) or [EXIT] (21) is pressed ; if button 1-18 is specified, 42KEYG also creates a soft button in the Programmable MENU with the string in the Alpha register (default K) as a label (TAM : 42KEYG 42KEY -- TamKey menu ; 42KEY nn GTO -- TamLabel menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42KEYX	42KEYX	Key Execute (42)	Command (42, PEM)			Compatibility	Menu [42.1] gF2	Used in Program Entry Mode to specify the program to execute when soft button (1-18) of the Programmable MENU, [42] (18), [42] (20) or [EXIT] (21) is pressed ; if button 1-18 is specified, 42KEYX also creates a soft button in the Programmable MENU with the string in the Alpha register (default K) as a label (TAM : 42KEYX 42KEY -- TamKey menu ; 42KEY nn XEQ -- TamLabel menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
42POSA	42POSA	Alpha register position	Command (42)			Compatibility	Menu [42.1] fF2	Get position (starting from 0) of substring, character or character code in X within text string in Alpha register (default K); this is a HP-42S/DM2(n) calculator compatible command (Info : For substring not found or empty text string, 42POSA returns -1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42PRA	42PRA	Print Alpha register	Command (42)		⏏	Compatibility	Menu [42.1] gF4	Print contents of Alpha register (default K) as text; this is a HP-42S/DM2(n) calculator compatible command (Info : If ⏏OFF, 42PRA writes alpha to file in DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; SBI ⏏ is shown if flag SBPrn is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42PRMPT	42PRMPT	Prompt (42)	Command (42, PEM)			Compatibility	Menu [42.1] fF5	Halt program execution and view the register or variable contents (text string) in the top left part of the screen, without TI (for use in Program Entry Mode) ; if the contents include the ⚡ symbol, optionally display one or more TIs at the top, X, Y, Z line ; example: "top line = ⚡ X = ⚡ Y = ⚡ Z = " (uses Alpha register (default K)) (Info : If ⏏EN is SET, 42PRMPT will print when executed from the keyboard in NORM or TRACE ; in Program Entry Mode, ⏏EN must be SET as well) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42ROTXY	--	42ROTXY	Command (42, strike)			Compatibility	Menu [42.2] F3	42ROTXY Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_42_page_2.pdf
42VRMNU	42VRMNU	Variable menu (42)	Command (42, PEM)			Compatibility	Menu [42.1] gF3	Create variable menu ; uses Alpha register (default K) to store variable name when MVAR-defined button (<var...>) is pressed without NIM input (TAM : 42VRMNU ... TamLbOnly menu ; Error 25 -- No MVAR found in selected program -- may be raised) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42XTOA	42XTOA	X to Alpha register	Function (42, monadic)			Compatibility	Menu [42.1] gF6	Append character, character code (converted to character), text string or real matrix (converted to text string) to Alpha register (default K); this is a HP-42S/DM2(n) calculator compatible function (Info : For the 42-compatible alpha functions and commands, the Alpha register (default K) is limited to 44 characters) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
42α	42α	Enter string into Alpha register	Command (42, PEM)			Compatibility	Menu [42.1] F1	Enter text string into Alpha register (default K); this is a HP-42S/DM2(n) calculator compatible command (TAM : 42α - TamAlpha menu (maximum 15 characters)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_42_page_1.pdf
47	--	Return from HP-35 to R47 profile	Setting (group)	ON	<no annunciator>	Developer	Menu [DEV.1] F2	Return from HP-35 tribute to R47 profile (Info : The configuration is restored from register 35 where it was stored by setting the HP-35 tribute profile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DEV_page_1.pdf
47DEFLT	--	47DEFLT	User Program			Test programs	See description	47DEFLT example program, available to load from PROGRAMS/47DEFLT.p47, using READP (Info : Restore typical settings on CN7, R47, after HP35fun)
4SWAP	4SWAP	Swap X, Y, Z, T and A, B, C, D	Command			Stack	Menu [STK.1] gF1	Swap X, Y, Z, T and A, B, C, D Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
4SWAP	4SWAP	Swap X, Y, Z, T and A, B, C, D	Command			Stack	Menu [MULTSTK.1] F8	Swap X, Y, Z, T and A, B, C, D Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
5	--	Digit 5	Digit			Numeric input	Keyboard [5]	Digit 5 (Fontcode : 00351a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
5	--	Digit 5	Character			Numeric input	Keyboard alpha g [5]	Digit 5 (Fontcode : 00351a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
5	--	Digit 5	Digit			Numeric input	Keyboard TAM [5]	Digit 5 (Fontcode : 00351a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
5	--	Digit 5	Digit			Numeric input	Keyboard #TAM [5]	Digit 5 (Fontcode : 00351a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
5	--	Digit 5	Digit			Numeric input	Keyboard normalSIM [5]	Digit 5 (Fontcode : 00351a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
5	--	Button 5	Button (black)			Programming	Menu [TamKey.1] F5	Soft button 5 for selection by KEYG or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
5	--	Subscript 5	Character			Characters	See description	Character ₅ (Fontcode : 20851a)
k	--	Superscript k	Character			Characters	See description	Character ^k (Fontcode : 248C1a)
6	--	Digit 6	Digit			Numeric input	Keyboard [6]	Digit 6 (Fontcode : 00361a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
6	--	Digit 6	Character			Numeric input	Keyboard alpha g [6]	Digit 6 (Fontcode : 00361a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
6	--	Digit 6	Digit			Numeric input	Keyboard TAM [6]	Digit 6 (Fontcode : 00361a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
6	--	Digit 6	Digit			Numeric input	Keyboard #TAM [6]	Digit 6 (Fontcode : 00361a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
6	--	Digit 6	Digit			Numeric input	Keyboard normalSIM [6]	Digit 6 (Fontcode : 00361a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
6	--	Button 6	Button (black)			Programming	Menu [TamKey.1] F6	Soft button 6 for selection by KEYG or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
6	--	Subscript 6	Character			Characters	See description	Character ₆ (Fontcode : 20861a)
l	--	Superscript l	Character			Characters	See description	Character ^l (Fontcode : 248D1a)
64-BIT	64-BIT Ⓢ	Word size 64 bits	Setting (pgm)	ON	64<m>	Number bases	Menu [BASE.1] gF1	Set word size to 64 bits, for Short integer (8.02-8.16) (Info : <m> in SBI indicates sign mode (Menu BITSET) ; SBI 64<m> is shown if flag SBInt is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
64:2	--	Signed 64 bits	Setting (pgm)	ON	64:2	Number bases	Menu [BASE.2] fF1	Shortcut to set word size to 64 bits signed (ISM = 2) -- 2's complement (Info : SBI 64:2 is shown if flag SBInt is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
64u	--	Unsigned 64 bits	Setting (pgm)	OFF	64u	Number bases	Menu [BASE.2] gF1	Shortcut to set word size to 64 bits unsigned (ISM = 0) -- Unsigned (Info : SBI 64u is shown if flag SBint is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
7	--	Digit 7	Digit			Numeric input	Keyboard [7]	Digit 7 (Fontcode : 00371a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
7	--	Digit 7	Character			Numeric input	Keyboard alpha g[7]	Digit 7 (Fontcode : 00371a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
7	--	Digit 7	Digit			Numeric input	Keyboard TAM [7]	Digit 7 (Fontcode : 00371a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
7	--	Digit 7	Digit			Numeric input	Keyboard #TAM [7]	Digit 7 (Fontcode : 00371a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
7	--	Digit 7	Digit			Numeric input	Keyboard normalSIM [7]	Digit 7 (Fontcode : 00371a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
7	--	Button 7	Button (black)			Programming	Menu [TamKey.1] fF1	Soft button 7 for selection by KEYG or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
7	--	Subscript 7	Character			Characters	See description	Character 7 (Fontcode : 20871a)
m	--	Superscript m	Character			Characters	See description	Character " (Fontcode : 248E1a)
8	--	Digit 8	Digit			Numeric input	Keyboard [8]	Digit 8 (Fontcode : 00381a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
8	--	Digit 8	Character			Numeric input	Keyboard alpha g[8]	Digit 8 (Fontcode : 00381a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
8	--	Digit 8	Digit			Numeric input	Keyboard TAM [8]	Digit 8 (Fontcode : 00381a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
8	--	Digit 8	Digit			Numeric input	Keyboard #TAM [8]	Digit 8 (Fontcode : 00381a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
8	--	Digit 8	Digit			Numeric input	Keyboard normalSIM [8]	Digit 8 (Fontcode : 00381a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
8	--	Button 8	Button (black)			Programming	Menu [TamKey.1] fF2	Soft button 8 for selection by KEYG or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
8	--	Subscript 8	Character			Characters	See description	Character s (Fontcode : 20881a)
8-BIT	8-BIT O	Word size 8 bits	Setting (pgm)	OFF	8:<m>	Number bases	Menu [BASE.1] gF4	Set word size to 8 bits, for Short integer (8.82-8.16) (Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 8:<m> is shown if flag SBint is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
8:2	--	Signed 8 bits	Setting (pgm)	OFF	8:2	Number bases	Menu [BASE.2] fF4	Shortcut to set word size to 8 bits signed (ISM = 2) -- 2's complement (Info : SBI 8:2 is shown if flag SBint is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
8:u	--	Unsigned 8 bits	Setting (pgm)	OFF	8:u	Number bases	Menu [BASE.2] gF4	Shortcut to set word size to 8 bits unsigned (ISM = 0) -- Unsigned (Info : SBI 8:u is shown if flag SBint is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
n	--	Superscript n	Character			Characters	See description	Character " (Fontcode : 248F1a)
82240	82240 O	HP-82240 printer	Setting	ON	<no annunciator>	Printing	Menu [Ä.1] F1	Set the printer type to HP-82240 (Info : Select this option for the HP-82240A or HP-82240B, or any printer compatible with the HP-82240) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Printer_page_1.pdf
9	--	Digit 9	Digit			Numeric input	Keyboard [9]	Digit 9 (Fontcode : 00391a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
9	--	Digit 9	Character			Numeric input	Keyboard alpha g[9]	Digit 9 (Fontcode : 00391a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
9	--	Digit 9	Digit			Numeric input	Keyboard TAM [9]	Digit 9 (Fontcode : 00391a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
9	--	Digit 9	Digit			Numeric input	Keyboard #TAM [9]	Digit 9 (Fontcode : 00391a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
9	--	Digit 9	Digit			Numeric input	Keyboard normalSIM [9]	Digit 9 (Fontcode : 00391a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
9	--	Button 9	Button (black)			Programming	Menu [TamKey.1] fF3	Soft button 9 for selection by KEYG or KEYX command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamKey_page_d.pdf
9	--	Subscript 9	Character			Characters	See description	Character y (Fontcode : 20891a)
,	--	Wide comma	Character			Characters	See description	Character , (Fontcode : 27881a)
o	--	Superscript o	Character			Characters	See description	Character " (Fontcode : 24801a)
9CMPL	9CMPL O	BCD 9's complement	Setting (pgm)	OFF	<no annunciator>	Bits and bytes	Menu [BITSET.1] gF1	Set BCD 9's complement display of Long integer in #BASE Mode (Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript bca) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
A	--	A	Character			Numeric input and characters	Menu [BASE.2] F1	Character A (Fontcode : 00411a) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
A	--	A	Character			Numeric input and characters	Menu [INTS.1] F1	Digit A (Fontcode : 00411a) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
A	--	A	Character			Numeric input and characters	Keyboard alphaSIM [a]	Character A (Fontcode : 00411a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
A	--	A	Character			Numeric input and characters	Menu [BITSET.1] F1	Character A (Fontcode : 00411a) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
A	--	A	Character			Numeric input and characters	Menu [BASE2.1] F1	Character A (Fontcode : 00411a) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
A	--	A	Character			Numeric input and characters	Menu [BASE2.2] F1	Character A (Fontcode : 00411a) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
A	--	A	Character			Numeric input and characters	Keyboard alpha [x²]	Character A (Fontcode : 00411a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
a	--	a	Character			Characters	Keyboard alpha f [x²]	Character a (Fontcode : 00611a) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
a	op_a	Operator a	Command			Electrical engineering	Menu [ELEC.1] fF3	Insert value of 1 < 120° Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
A	--	Register A	EasyAccess (TAM)			Trailing input	Menu [REG.1]fF3	Easy access to Register A (10 _h) : Stack level 5 (Shortcut : STD/RCL {A} ; TI : A:) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_1.pdf
{A}	--	Register A	EasyAccess (TAM)			Trailing input	Keyboard TAM [x ²]	Easy access to Register A (10 _h) : Stack level 5 (Shortcut : STD/RCL {A} ; TI : A:) Ref : https://n7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_2.pdf
a	--	Local label a	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1]fF1	Easy access to local label a Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamLabel_page_1.pdf
{A}	--	Local label A	EasyAccess (TAM)			Trailing input	See description	Easy access to local label A (Shortcut : LBL {A})
A	--	Register A	Register (lettered)			Lettered registers	See description	Register A (10 _h) : Stack level 5 (Info : Reached using stack or from STD/RCL [REG.1]fF3 or STD/RCL {A})
A	--	Flag A	EasyAccess (TAM)			Trailing input	Menu [FL6.1]fF3	Easy access to Flag A (10 _h) (Shortcut : FF {A}) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FL6_page_1.pdf
A	--	Flag A	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag A (10 _h) (Info : Reached from FF [FL6.1]fF3 or FF {A})
a	--	Subscript A	Character			Characters	See description	Character _A (Fontcode : 240B ₁₆)
A	--	Superscript A	Character			Characters	See description	Character ^A (Fontcode : 24B6 ₁₆)
Â	--	A accute	Character			Characters	Menu [aINTL.1]F2	International character Â (Fontcode : 00C1 ₁₆ ; Info : press [4] for â at [aINTL.1]F2) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
â	--	a accute	Character			Characters	Menu [aINTL.1]F2	International character â (Fontcode : 00E1 ₁₆ ; Info : press [8] for á at [aINTL.1]F2) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
À	--	A grave	Character			Characters	Menu [aINTL.1]F1	International character À (Fontcode : 00C4 ₁₆ ; Info : press [4] for â at [aINTL.1]F1) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
à	--	a grave	Character			Characters	Menu [aINTL.1]F1	International character à (Fontcode : 00E4 ₁₆ ; Info : press [8] for â at [aINTL.1]F1) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
Ä	--	A breve	Character			Characters	Menu [aINTL.1]fF3	International character Ä (Fontcode : 0102 ₁₆ ; Info : press [4] for ä at [aINTL.1]fF3) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
ä	--	a breve	Character			Characters	Menu [aINTL.1]fF3	International character ä (Fontcode : 0103 ₁₆ ; Info : press [8] for ä at [aINTL.1]fF3) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
Ã	--	A circumflex	Character			Characters	Menu [aINTL.1]F3	International character Ã (Fontcode : 00C3 ₁₆ ; Info : press [4] for â at [aINTL.1]F3) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
ã	--	a circumflex	Character			Characters	Menu [aINTL.1]F3	International character ã (Fontcode : 00E3 ₁₆ ; Info : press [8] for â at [aINTL.1]F3) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
Å	--	A ring	Character			Characters	Menu [aINTL.1]F6	International character Å (Fontcode : 00C5 ₁₆ ; Info : press [4] for å at [aINTL.1]F6) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
å	--	a ring	Character			Characters	Menu [aINTL.1]F6	International character å (Fontcode : 00E5 ₁₆ ; Info : press [8] for å at [aINTL.1]F6) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
Ä	--	A diaeresis	Character			Characters	Menu [aINTL.1]F5	International character Ä (Fontcode : 00C4 ₁₆ ; Info : press [4] for ä at [aINTL.1]F5) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
ä	--	a diaeresis	Character			Characters	Menu [aINTL.1]F5	International character ä (Fontcode : 00E4 ₁₆ ; Info : press [8] for ä at [aINTL.1]F5) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
Ã	--	A tilde	Character			Characters	Menu [aINTL.1]F4	International character Ã (Fontcode : 00C3 ₁₆ ; Info : press [4] for ã at [aINTL.1]F4) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
ã	--	a tilde	Character			Characters	Menu [aINTL.1]F4	International character ã (Fontcode : 00E3 ₁₆ ; Info : press [8] for ã at [aINTL.1]F4) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
Ą	--	A ogonek	Character			Characters	Menu [aINTL.1]fF4	International character ą (Fontcode : 0104 ₁₆ ; Info : press [4] for q at [aINTL.1]fF4) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
ą	--	a ogonek	Character			Characters	Menu [aINTL.1]fF4	International character ą (Fontcode : 0105 ₁₆ ; Info : press [8] for q at [aINTL.1]fF4) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
ā	--	a macron	Character			Characters	Menu [aINTL.1]fF2	International character ā (Fontcode : 0101 ₁₆ ; Info : press [8] for ā at [aINTL.1]fF2) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_1.pdf
a b/c	--	Fractions modes	Setting (cyclic, pgm, stack)	OFF	$\frac{a^b}{c}$; $\frac{b}{c}$; [+/-] ; $\frac{a^b}{c \times I}$; $\frac{b}{c \times I}$; [+/-]	Fractions	Menu [BLUE7.1]gF1	Set and cycle fractions modes : proper (mixed), improper fractions (denominator determined by DMX, DENFIX, DENANY) ; or fractional approximations including irrationals ; exit fractions mode via .d (g[y*]) ; starts in mode last used or as set by flags PROPPR, FRACT and IRFRAC ; When FRCYC is SET full cycle is available, when CLEAR, flag PROPPR is excluded (used as is) and OFF state is included in cycle (Shortcut : <a> [.] [.] <c> ; Info : IRFRAC and FRACT are linked (both cannot be SET at the same time) ; SBI *I or -I indicates that approximate multiples or fractions can be used, of the irrational numbers $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$, $\sqrt{7}$, ϕ , π^{-2} , π^{-1} , $\sqrt{11}$, π , π^2 , e^{-2} , e^{-1} , e and e^2 (with tolerance 10^{-25}) ; Prefix $\approx$ <approximation> ; multiplication symbol SET for displaying multiplication symbol * ; SBI is shown if flag SBFrac is SET ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Fractions.pdf Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUEV7_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
a^b/c	--	Fractions modes	Setting (cyclic, pgm, stack)	OFF	a^b/n ; b/n ; [+÷] ; a^b/cxI ; b/cxI ; [+÷]	Fractions	Keyboard g[.]	Set and cycle fractions modes : proper (mixed), improper fractions (denominator determined by DMX, DENFIX, DENANY) ; or fractional approximations including irrationals ; exit fractions mode via .d (g[y*]) ; starts in mode last used or as set by flags PROPRF, FRACT and IRFRAC ; When FRCYC is SET full cycle is available, when CLEAR, flag PROPRF is excluded (used as is) and OFF state is included in cycle (Shortcut : <a> [.] [.] <c> ; Info : IRFRAC and FRACT are linked (both cannot be SET at the same time) ; SBI *1 or -1 indicates that approximate multiples or fractions can be used, of the irrational numbers $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$, $\sqrt{7}$, ϕ , π^{-2} , π^{-1} , $\sqrt{11}$, π , π^2 , e^{-2} , e^{-1} , e and e^2 (with tolerance 10^{-24}) ; Prefix $\approx$ + <approximation> ; multiplication symbol SET for displaying multiplication symbol * ; SBI is shown if flag SBfrac is SET ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Fractions.pdf Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_8.pdf
$a,b \rightarrow m$	$a,b \rightarrow m$	Dimensions to modulus	Function (dyadic)			Mathematics	Menu [Ellipt.1] gF3	Ellipse dimensions to modulus : $m = 1 - (a/b)^2$, where b is the larger axis (TI : modulus $m=k^2$:) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ellipt_page_1.pdf
a_g	--	Days per year (Gregorian)	Constant			Constants	Menu [CNST.1] F1	Constant # 1 a_g yr.gregor = $+3.652425 \times 10^7$ (Unit : d) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
$a_{@}$	--	Earth orbit (semi major axis)	Constant			Constants	Menu [CNST.1] F3	Constant # 4 $a_{@}$ orb.earth = $+1.495979 \times 10^{11}$ (Unit : m) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
$abc \rightarrow 012$	AtoSYM	Convert to symmetrical components	Function (triadic)			Electrical engineering	Menu [ELEC.2] gF4	Convert 3-phase a, b, c in Z, Y, X to symmetrical components a0, a1, a2 in Z, Y, X Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ELEC_page_2.pdf
ACC	ACC	Accuracy of the integrator	Variable (real)	0		Integrator	Menu [ALL.1] F1 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the accuracy of the integrator (ACC) ; set interactively from menu Tool [TI : 'ACC'] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ALLVARS_page_1.pdf
ACC	ACC	Accuracy of the integrator	Variable (real)	0		Integrator	Menu [Tool.1] F1	Reserved Real variable for the accuracy of the integrator (ACC) ; set interactively from menu Tool [TI : 'ACC'] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ToolInt_EQN_page_1.pdf
ACC	ACC	Accuracy of the integrator	Variable (real)	0		Integrator	Menu [VAR (ALL.1) F1	Reserved Real variable for the accuracy of the integrator (ACC) ; set interactively from menu Tool [TI : 'ACC'] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VAR_page_1.pdf
ACC	ACC	Accuracy of the integrator	Variable (real)	0		Integrator	Menu [REALS.1] F1	Reserved Real variable for the accuracy of the integrator (ACC) ; set interactively from menu Tool [TI : 'ACC'] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REALS_page_1.pdf
ACC	ACC	Accuracy of the integrator	Variable (real)	0		Integrator	Menu [NUMBRS.1] F1	Reserved Real variable for the accuracy of the integrator (ACC) ; set interactively from menu Tool [TI : 'ACC'] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NUMBRS_page_1.pdf
ACC	ACC	Accuracy of the integrator	Variable (real)	0		Integrator	Menu [Tool.1] F1	Reserved Real variable for the accuracy of the integrator (ACC) ; set interactively from menu Tool [TI : 'ACC'] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ToolInt_ADV_page_d.pdf
ACOS	ARCCOS	Arc cosine	Function (monadic)		C ; R	Trigonometry	Keyboard g[8]	Inverse cosine (Info : Returns the principal value of the inverse cosine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
ACOS	ARCCOS	Arc cosine	Function (monadic)		C ; R	Trigonometry	Menu [TRG....1] fF5	Inverse cosine (Info : Returns the principal value of the inverse cosine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TRG_MORE_page_1.pdf
ACOS	ARCCOS	Arc cosine	Function (monadic)		C ; R	Trigonometry	Menu [NEW (EQ_EDIT).2] fF2	Inverse cosine (Info : Returns the principal value of the inverse cosine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NEW_page_2.pdf
ACOS	ARCCOS	Arc cosine	Function (monadic)		C ; R	Trigonometry	Menu [EDIT (EQ_EDIT).2] fF2	Inverse cosine (Info : Returns the principal value of the inverse cosine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EDIT_EQN_page_2.pdf
$acre \rightarrow ha$	--	acre to ha	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1] F1	Convert acre to hectare (TI : ha) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
$acre_{us} \rightarrow ha$	--	$acre_{us}$ to ha	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1] fF1	Convert US acre to hectare (TI : ha) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
ActUSB	ActUSB	Activate USB disk	Command (HW)			System	Menu [MODE.1] fF2	Activate USB disk without exiting to DMCP ; hardware only (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_1.pdf
ActUSB	ActUSB	Activate USB disk	Command (HW)			System	Menu [MyM.4] F2	Activate USB disk without exiting to DMCP ; hardware only (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_4.pdf
ActUSB	ActUSB	Activate USB disk	Command (HW)			System	Menu [MyM.8] F2	Activate USB disk without exiting to DMCP ; hardware only (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_8.pdf
ActUSB	ActUSB	Activate USB disk	Command (HW)			System	Menu [PREF.1] F2	Activate USB disk without exiting to DMCP ; hardware only (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_1.pdf
ADM	ADM ₀	Set angular display mode	Command	0	" ; ' ; ° ; ° ; °	Angle tagging or conversion	Menu [INFO.3] fF1	Set angular display mode to X ; also set interactively from menu TRG_RN7 formats or from catalog (DEG : D;MS ; RAD ; MULx ; GRAD) (Info : DEG : 0 ; D;MS : 1 ; RAD : 2 ; MULx : 3 ; GRAD : 4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_INFO_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ADM#	ADM#	Get angular display mode	Command	0	" ; " ; ° ; °° ; °'	Angle tagging or conversion	Menu [INFO.3] F1	Get angular display mode ; set interactively from menu TRG_RN7 formats or from catalog (DEG ; D.MS ; RAD ; MULit ; GRAD) and by ADM (Info : DEG : 0 ; D.MS : 1 ; RAD : 2 ; MULit : 3 ; GRAD : 4) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_INFO_page_3.pdf
[ADV]	ADV	Advanced	MENU			RPN Calculus and plotting	Keyboard g[x]	Advanced functions, using RPN user programs (Ref : https://n7calc.com/doc/Application%20Notes/AN0811_C47_IM_EQN_and_ADV_menu_solver_integrator_update_d.pdf) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_6.pdf
[ADV]	ADV	Advanced	MENU			RPN Calculus and plotting	Catalog CAT.MENU ADV	Advanced functions, using RPN user programs (Ref : https://n7calc.com/doc/Application%20Notes/AN0811_C47_IM_EQN_and_ADV_menu_solver_integrator_update_d.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ADV_page_1.pdf
Æ	--	AE	Character			Characters	Menu [aINTL.1] fF1	International character Æ (Fontcode : 80C516 ; Info : press [4] for æ at [aIntL.1] fF1) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
æ	--	ae	Character			Characters	Menu [aIntL.1] fF1	International character æ (Fontcode : 80E516 ; Info : press [4] for Æ at [aIntL.1] fF1) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaIntL-lower_page_1.pdf
AGM	AGM	Arithmetic geometric mean	Function (dyadic)			Mathematics	Menu [X.FN.1] F5	Arithmetic geometric mean of X and Y Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_X-FN_page_1.pdf
AGRAPH	AGRAPH	Alpha graphics	Command (PEM)			Programming	Menu [P.FN1.1] gF3	Show a 64 column pattern according to variable GRAMOD (OR: 0 ; SET: 1 ; OFF: 2 ; XOR: 3) ; this command will be redesigned and should not be used in programming! (TAM : AGRAPH ___ Tam menu) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN1_page_1.pdf
a ²	op_a ²	Operator a ²	Command			Electrical engineering	Menu [ELEC.1] fF4	Insert value of 1 < 240° Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ELEC_page_1.pdf
ALL	ALL ₃ 0	All digits notation	Setting (pgm)	3	<no annunciator>	Display	Menu [DISP.1] F6	Set numeric display mode to ALL digits notation ; display all digits as far as possible with maximum nn decimal zeros (NDEC = nn = 9-19 ; DF = 0) (TAM : ALL ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_DISP_page_1.pdf
ALL	ALL ₃ 0	All digits notation	Setting (pgm)	3	<no annunciator>	Display	Menu [Struct.1] gF6	Set numeric display mode to ALL digits notation ; display all digits as far as possible with maximum nn decimal zeros (NDEC = nn = 9-19 ; DF = 0) (TAM : ALL ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Struct_page_1.pdf
[ALL]	ALLVARS	All variables	MENU (ASM)			Catalog	Menu [VARS.1] F6	Auto-generated catalog of all variables (Info : Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VARS_page_1.pdf
[ALL]	ALLVARS	All variables	MENU (ASM)			Catalog	Catalog CAT.MENU ALLVARS	Auto-generated catalog of all variables (Info : Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ALLVARS_page_1.pdf
AlIF	AlIF	Set all (models)	Command			Plotting and curve fitting	Menu [MODEL.1] gF2	Set <BestF> to include all curve fitting models (S11) ; deselects OrthoF (TI : L.R. selected to S11) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MODEL_page_1.pdf
AllOps	--	AllOps	User Program			Test programs	Menu [PROGS.1] F1 (Also) reached from MENU (TAM, ASM) PROG	AllOps test program, available to load from PROGRAMS/ALLPGMS/AllOps.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PROGS_page_1.pdf
AllOps	--	AllOps	User Program			Test programs	Menu [PROG (PROGS).1] F1	AllOps test program, available to load from PROGRAMS/ALLPGMS/AllOps.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PROG_page_1.pdf
ALP.IN	--	Alpha Entry	Flag	CLEAR	<no annunciator>	Text input	Menu [SYS.FL.1] F5 (Also) reached from MENU (item, nonpgm) CFLG	SET for alpha entry ; CLEAR for alpha entry inactive Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_SYS-FL_page_1.pdf
ALP.IN	--	Alpha Entry	Flag	CLEAR	<no annunciator>	Text input	Menu [CFLG (SYS.FL).1] F5	SET for alpha entry ; CLEAR for alpha entry inactive Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CFLG_page_1.pdf
[A]	ALPHA	Alpha input	MENU			Text input	Catalog CAT.MENU ALPHA	Alpha menu to enter, edit and clear alpha input (Shortcut : alpha long [<f>] (because KEY.LP is SET ; also available in alpha mode of PEM ; not available in TamAlpha) ; Info : Alpha Input Mode is opened in UPPERCASE ; menu CAT [ALPHA] is available on keyboard alpha f [+*] ; alpha g-shift characters can also be reached from alpha longpress keyboard) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ALPHA__page_1.pdf
ALPHA	--	Alpha Input Mode	Flag	CLEAR	A ; a ; N	Text input	Menu [SYS.FL.1] F4 (Also) reached from MENU (item, nonpgm) CFLG	SET for alpha input mode ; CLEAR for alpha input mode inactive Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_SYS-FL_page_1.pdf
ALPHA	--	Alpha Input Mode	Flag	CLEAR	A ; a ; N	Text input	Menu [CFLG (SYS.FL).1] F4	SET for alpha input mode ; CLEAR for alpha input mode inactive Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CFLG_page_1.pdf
aMoon	--	Moon orbit (semi major axis)	Constant			Constants	Menu [CNST.1] F2	Constant $\mu = 3 \mu_{moon}$ orb.moon = +3.844 × 10 ⁸ (Unit : m) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
am(u,m)	am(u,m)	Elliptic amplitude	Function (dyadic)			Mathematics	Menu [Ellipt.1] fF3	Elliptic amplitude (Parameter : u = X ; m = Y ; Info : u is a Real number (1.0, not an Angle (1.1-1.53)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Ellipt_page_1.pdf
[AMORT]	AMORT	TVM amortisation	MENU			Financial	Menu [TVM.1] gF6	TVM amortisation (Info : When menu AMORT is open, [RCL]/[STO] activates menu TamRcITVM/TamStoTVM ; Ref : https://n7calc.com/doc/Application%20Notes/AN0812_C47_RN7_IM_TVM.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TVM_page_1.pdf
[AMORT]	AMORT	TVM amortisation	MENU			Financial	Catalog CAT.MENU AMORT	TVM amortisation (Info : When menu AMORT is open, [RCL]/[STO] activates menu TamRcITVM/TamStoTVM ; Ref : https://n7calc.com/doc/Application%20Notes/AN0812_C47_RN7_IM_TVM.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_AMORT_page_1.pdf
AND	AND	AND	Function (dyadic)			Bits and bytes	Menu [BASE.1] fF1	Bitwise AND Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
AND	AND	AND	Function (dyadic)			Bits and bytes	Menu [BITS.1] F1 (Also) reached from MENU (item) BITSHFT	Bitwise AND Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
AND	AND	AND	Function (dyadic)			Bits and bytes	Menu [BASE2.1] fF1	Bitwise AND Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
[Angle:]	Angle:	Angle and angular velocity conversions	MENU		<no annunciator>	Angular/Speed conversions	Menu [CONV.1] fF3	Convert between units of angle or angular velocity (Info : Flag CONV _{HP} may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\rightarrow$ $\leftarrow$ <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Angle:]	Angle:	Angle and angular velocity conversions	MENU		<no annunciator>	Angular/Speed conversions	Catalog CAT.MENUS Angle:	Convert between units of angle or angular velocity (Info : Flag CONV _{HP} may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\rightarrow$ $\leftarrow$ <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
ANGLE?	ANGLE?	Angle?	Command (logical)			Programming	Menu [TEST.3] gF2	Test type of X is Angle (1.1-1.5) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_2.pdf
[ANGLES]	ANGLES	Angle variables	MENU			Catalog	Menu [VARS.1] F4	Auto-generated catalog of variables of the specified datatype : Angle (1.1-1.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VARS_page_1.pdf
[ANGLES]	ANGLES	Angle variables	MENU			Catalog	Catalog CAT.MENUS ANGLES	Auto-generated catalog of variables of the specified datatype : Angle (1.1-1.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ANGLES_page_1.pdf
ACOS	ARCCOS	Arc cosine	Function (monadic)		° ; R	Trigonometry	Menu [FCNS.1] F2	Inverse cosine (Info : Returns the principal value of the inverse cosine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
arcosh	arcosh	Inverse hyperbolic cosine	Function (monadic)			Mathematics	Menu [EXP.1] gF5	Inverse hyperbolic cosine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
arcosh	arcosh	Inverse hyperbolic cosine	Function (monadic)			Mathematics	Menu [TRG....1] gF5	Inverse hyperbolic cosine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
arcosh	arcosh	Inverse hyperbolic cosine	Function (monadic)			Mathematics	Menu [FCNS.1] F3	Inverse hyperbolic cosine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
ASIN	ARCSIN	Arc sine	Function (monadic)		° ; R	Trigonometry	Menu [FCNS.1] F4	Inverse sine (Info : Returns the principal value of the inverse sine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
ATAN	ARCTAN	Arc tangent	Function (monadic)		<no annunciator>	Trigonometry	Menu [FCNS.1] F5	Inverse tangent (Info : Returns the principal value of the inverse tangent of X ; if flag SPCRES is SET, infinity input is allowed and the range is extended to [-90°, 90°] (inclusive)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
[Area:]	Area:	Area conversions	MENU		<no annunciator>	Area conversions	Menu [CONV.1] F5	Convert between units of area (Info : Flag CONV _{HP} may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\rightarrow$ $\leftarrow$ <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Area:]	Area:	Area conversions	MENU		<no annunciator>	Area conversions	Catalog CAT.MENUS Area:	Convert between units of area (Info : Flag CONV _{HP} may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\rightarrow$ $\leftarrow$ <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
arsinh	arsinh	Inverse hyperbolic sine	Function (monadic)			Mathematics	Menu [EXP.1] gF4	Inverse hyperbolic sine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
arsinh	arsinh	Inverse hyperbolic sine	Function (monadic)			Mathematics	Menu [TRG....1] gF4	Inverse hyperbolic sine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
arsinh	arsinh	Inverse hyperbolic sine	Function (monadic)			Mathematics	Menu [FCNS.1] F6	Inverse hyperbolic sine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
artanh	artanh	Inverse hyperbolic tangent	Function (monadic)			Mathematics	Menu [EXP.1] gF6	Inverse hyperbolic tangent Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
artanh	artanh	Inverse hyperbolic tangent	Function (monadic)			Mathematics	Menu [TRG....1] gF6	Inverse hyperbolic tangent Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
artanh	artanh	Inverse hyperbolic tangent	Function (monadic)			Mathematics	Menu [FCNS.1] fF1	Inverse hyperbolic tangent Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
ASIN	ARCSIN	Arc sine	Function (monadic)		° ; R	Trigonometry	Keyboard g[7]	Inverse sine (Info : Returns the principal value of the inverse sine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_5.pdf
ASIN	ARCSIN	Arc sine	Function (monadic)		° ; R	Trigonometry	Menu [TRG....1] fF4	Inverse sine (Info : Returns the principal value of the inverse sine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
ASIN	ARCSIN	Arc sine	Function (monadic)		° ; R	Trigonometry	Menu [NEW (EQ_EDIT).2] fF1	Inverse sine (Info : Returns the principal value of the inverse sine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_2.pdf
ASIN	ARCSIN	Arc sine	Function (monadic)		° ; R	Trigonometry	Menu [EDIT (EQ_EDIT).2] fF1	Inverse sine (Info : Returns the principal value of the inverse sine of X ; if flag CPXRES is SET, the domain is extended beyond [-1, +1] and complex results may be returned) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_3.pdf
ASLIFT	--	Automatic Stack Lift	Flag (system)	SET	S L	Stack	Menu [SYS.FL.1] F6 (Also) reached from MENU (item, nonpgm) CFL6	SET for automatic stack lift ; CLEAR for automatic stack lift inactive (Info : SBI is SIM only) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
ASLIFT	--	Automatic Stack Lift	Flag (system)	SET	S L	Stack	Menu [CFL6 (SYS.FL).1] F6	SET for automatic stack lift ; CLEAR for automatic stack lift inactive (Info : SBI is SIM only) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ASN	ASSIGN	Assign	Command			Text input	Menu [ALPHA.1] fF4 (Also) reached from MENU (item) [α]	Assign function, menu or character to a keyboard key or to a button in a menu ; for options including creating user defined menus, see reference page (TAM : ASSIGN α ({f[XEQ]}) activates "ASSIGN -. TamAlpha menu _" and allows a function or command to be spelled, to assign it to a key or button ; Info : "ASSIGN _" indicates that a key or button can be pressed to assign it to another button or key ; use button ASN ([ALPHA.1] fF4) for character assignments in Alpha Input Mode ; this button is not shown in Program Entry Mode ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_ALPHA__page_1.pdf
ASN	ASSIGN	Assign	Command			Text input	Menu [KEYS.1] F4	Assign function, menu or character to a keyboard key or to a button in a menu ; for options including creating user defined menus, see reference page (TAM : ASSIGN α ({f[XEQ]}) activates "ASSIGN -. TamAlpha menu _" and allows a function or command to be spelled, to assign it to a key or button ; Info : "ASSIGN _" indicates that a key or button can be pressed to assign it to another button or key ; use button ASN ([ALPHA.1] fF4) for character assignments in Alpha Input Mode ; this button is not shown in Program Entry Mode ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_KEYS_page_1.pdf
ASN	ASSIGN	Assign	Command			Text input	Menu [α (ALPHA.1)] fF4	Assign function, menu or character to a keyboard key or to a button in a menu ; for options including creating user defined menus, see reference page (TAM : ASSIGN α ({f[XEQ]}) activates "ASSIGN -. TamAlpha menu _" and allows a function or command to be spelled, to assign it to a key or button ; Info : "ASSIGN _" indicates that a key or button can be pressed to assign it to another button or key ; use button ASN ([ALPHA.1] fF4) for character assignments in Alpha Input Mode ; this button is not shown in Program Entry Mode ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_alpha_page_1.pdf
ASN	ASSIGN	Assign	Command			Text input	Keyboard g [DRG]	Assign function, menu or character to a keyboard key or to a button in a menu ; for options including creating user defined menus, see reference page (TAM : ASSIGN α ({f[XEQ]}) activates "ASSIGN -. TamAlpha menu _" and allows a function or command to be spelled, to assign it to a key or button ; Info : "ASSIGN _" indicates that a key or button can be pressed to assign it to another button or key ; use button ASN ([ALPHA.1] fF4) for character assignments in Alpha Input Mode ; this button is not shown in Program Entry Mode ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
ASN	ASSIGN	Assign	Command			Text input	Keyboard longerpress [DRG]	Assign function, menu or character to a keyboard key or to a button in a menu ; for options including creating user defined menus, see reference page (TAM : ASSIGN α ({f[XEQ]}) activates "ASSIGN -. TamAlpha menu _" and allows a function or command to be spelled, to assign it to a key or button ; Info : "ASSIGN _" indicates that a key or button can be pressed to assign it to another button or key ; use button ASN ([ALPHA.1] fF4) for character assignments in Alpha Input Mode ; this button is not shown in Program Entry Mode ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
ASRn	ASRn	Arithmetic Shift Right	Function (monadic)			Bits and bytes	Menu [BITS.2] gF2 (Also) reached from MENU (item) BITSHFT	Arithmetic Shift Right with number of bits, preserving the sign of signed integers (trailing input) (TAM : ASRn __ TamNonReg menu) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_BITS_page_2.pdf
ASRn	ASRn	Arithmetic Shift Right	Function (monadic)			Bits and bytes	Menu [BITSHFT (BITS.1)] gF2	Arithmetic Shift Right with number of bits, preserving the sign of signed integers (trailing input) (TAM : ASRn __ TamNonReg menu) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_BITSHFT_page_1.pdf
[ASSESS]	--	Assess	MENU (item)			Plotting and curve fitting	Menu [MODEL.1] F6	Display graphical assessments of the selected regression curves Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_MODEL_page_1.pdf
[ASSESS]	--	Assess	MENU (item)			Plotting and curve fitting	Menu [REGR.1] gF5	Display graphical assessments of the selected regression curves Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_REGR_page_1.pdf
ATAN	ARCTAN	Arc tangent	Function (monadic)		<no annunciator>	Trigonometry	Keyboard g [9]	Inverse tangent (Info : Returns the principal value of the inverse tangent of X ; if flag SPCRES is SET, infinity input is allowed and the range is extended to [-90°, 90°] (inclusive)) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
ATAN	ARCTAN	Arc tangent	Function (monadic)		<no annunciator>	Trigonometry	Menu [TRG...1] fF6	Inverse tangent (Info : Returns the principal value of the inverse tangent of X ; if flag SPCRES is SET, infinity input is allowed and the range is extended to [-90°, 90°] (inclusive)) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_TRG_MORE_page_1.pdf
ATAN	ARCTAN	Arc tangent	Function (monadic)		<no annunciator>	Trigonometry	Menu [NEW (EQ_EDIT).2] fF3	Inverse tangent (Info : Returns the principal value of the inverse tangent of X ; if flag SPCRES is SET, infinity input is allowed and the range is extended to [-90°, 90°] (inclusive)) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_NEW_page_2.pdf
ATAN	ARCTAN	Arc tangent	Function (monadic)		<no annunciator>	Trigonometry	Menu [EDIT (EQ_EDIT).2] fF3	Inverse tangent (Info : Returns the principal value of the inverse tangent of X ; if flag SPCRES is SET, infinity input is allowed and the range is extended to [-90°, 90°] (inclusive)) Ref : https://N7calc.com/doc/RN7/Menus/RN7v0_Menu_EDIT_EQN_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ATAN2	ATAN2	Expanded inverse tangent	Function (dyadic)			Trigonometry	Menu [TRG.1] gF6	Arc tangent of Y / X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_page_1.pdf
ATAN2	ATAN2	Expanded inverse tangent	Function (dyadic)			Trigonometry	Menu [TRG....1] FF3	Arc tangent of Y / X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
ATAN2	ATAN2	Expanded inverse tangent	Function (dyadic)			Trigonometry	Menu [TRG_R47.1] F6	Arc tangent of Y / X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_R47_page_1.pdf
ATAN2	ATAN2	Expanded inverse tangent	Function (dyadic)			Trigonometry	Menu [FCNS.1] FF2	Arc tangent of Y / X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EGN_page_1.pdf
atm→Pa	--	atm to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] FF1	Convert atmosphere to Pascal (TI : Pa) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
au→m	--	au to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.1] gF5	Convert astronomical unit to metre (TI : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
[AUDIO]	AUDIO	Audio	MENU			Input-Output	Menu [I/O.1] gF6	Audio commands Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_1.pdf
[AUDIO]	AUDIO	Audio	MENU			Input-Output	Catalog CAT.MENUS AUDIO	Audio commands Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_AUDIO_page_1.pdf
AUTOFF	--	Automatic shutdown	Flag	SET	<no annunciator>	System	Menu [SYS.FL.1] FF1 (Also) reached from MENU (item, nonpgm) CFL6	SET for automatic shutdown; CLEAR for automatic shutdown inactive (Info : Automatic shutdown delay is 10 m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
AUTOFF	--	Automatic shutdown	Flag	SET	<no annunciator>	System	Menu [CFL6 (SYS.FL.).1] FF1	SET for automatic shutdown; CLEAR for automatic shutdown inactive (Info : Automatic shutdown delay is 10 m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
AUTXEQ	--	Auto execute program	Flag	CLEAR	<no annunciator>	Programming	Menu [SYS.FL.1] FF2 (Also) reached from MENU (item, nonpgm) CFL6	SET for auto execute program; CLEAR for auto execute program inactive (Info : Automatically starts program when calculator turns on) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
AUTXEQ	--	Auto execute program	Flag	CLEAR	<no annunciator>	Programming	Menu [CFL6 (SYS.FL.).1] FF2	SET for auto execute program; CLEAR for auto execute program inactive (Info : Automatically starts program when calculator turns on) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
AVIEW	AVIEW	Alpha view	Command (PEM)			Programming	Menu [P.FN1.1] F2	View the register or variable contents (text string) in the top left part of the screen, without TI (for use in Program Entry Mode) ; if the contents include the ' symbol, optionally display one or more TI's at the top, X, Y, Z line ; example: "top line = ' X = ' Y = ' Z = " (TAM : AVIEW ___ Tam menu ; Info : if Δ ACT is SET, AVIEW will print when executed from the keyboard in MAN, NORM or TRACE ; in Program Entry Mode, Δ EN must be SET as well ; if Δ ACT is CLEAR and Δ EN is SET, AVIEW halts execution (R/S)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
π	--	Superscript pi	Character			Characters	See description	Character π (Shortcut : alpha g[R4]) π (alpha g[R4]) ; Fontcode : 2C65 ₁₆
$\forall$	--	For all	Character			Characters	Menu [aMath.6] gF3	Mathematical symbol $\forall$ (Fontcode : 2C6F ₁₆ ; exported as 2D0B ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
B	--	B	Character			Numeric input and characters	Menu [BASE.2] F2	Character B (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
B	--	B	Character			Numeric input and characters	Menu [INTS.1] F2	Digit B (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
B	--	B	Character			Numeric input and characters	Keyboard alpha [$\sqrt{x}$]	Character B (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
B	--	B	Character			Numeric input and characters	Keyboard alphaSIM [b]	Character B (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
B	--	B	Character			Numeric input and characters	Menu [BITSET.1] F2	Character B (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
B	--	B	Character			Numeric input and characters	Menu [BASE2.1] F2	Character B (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
B	--	B	Character			Numeric input and characters	Menu [BASE2.2] F2	Character B (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
b	--	b	Character			Characters	Keyboard alpha f [$\sqrt{x}$]	Character b (Fontcode : 0B42 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
{B}	--	Register B	EasyAccess (TAM)			Trailing input	Keyboard TAM [$\sqrt{x}$]	Easy access to Register B (105) : Stack level 6 (Shortcut : STO/RCL {B} ; TI : B) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
B	--	Register B	EasyAccess (TAM)			Trailing input	Menu [REG.1] FF4	Easy access to Register B (105) : Stack level 6 (Shortcut : STO/RCL {B} ; TI : B) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
b	--	Local label b	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] FF2	Easy access to local label b Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLabel_page_1.pdf
{B}	--	Local label B	EasyAccess (TAM)			Trailing input	See description	Easy access to local label B (Shortcut : LBL {B})
B	--	Register B	Register (lettered)			Lettered registers	See description	Register B (105) : Stack level 6 (Info : Reached using stack or from STO/RCL [REG.1] FF4 or STO/RCL {B})
B	--	Flag B	EasyAccess (TAM)			Trailing input	Menu [FL6.1] FF4	Easy access to Flag B (105) (Shortcut : FF {B}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FL6_page_1.pdf
B	--	Flag B	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag B (105) (Info : Reached from FF [FL6.1] FF4 or FF {B})
B	--	Subscript B	Character			Characters	See description	Character $\substack{B}$ (Fontcode : 2D01 ₁₆)
B	--	Superscript B	Character			Characters	See description	Character $\supset B$ (Fontcode : 24B7 ₁₆)
B.SWP	B.SWP	Byte swap	Function (monadic)			Number bases	Menu [BASE.2] FF5	Swap bytes Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
B _n	B _n	Bernoulli number (new definition)	Function (monadic)			Mathematics	Menu [X.FN.1] gF5	Bernoulli number (new definition) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
B_n	B _n	Bernoulli number (new definition)	Function (monadic)			Mathematics	Menu [FCNS.1] fF3	Bernoulli number (new definition) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
BACK	BACK	Back	Command (PEM)			Programming	Menu [P.FN3.1] fF2	Jumps back n steps in program (TAM : BACK __ TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_P-FN3_page_1.pdf
Bairsto	--	Bairsto	User Program			Test programs	Menu [PROG5.1] F2 (Also) reached from MENU (TAM, ASM) PROG	Bairsto test program, available to load from PROGRAMS/ALLPGMS/Bairsto.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG5_page_1.pdf
Bairsto	--	Bairsto	User Program			Test programs	Menu [PROG (PROG5).1] F2	Bairsto test program, available to load from PROGRAMS/ALLPGMS/Bairsto.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
BAL	BAL	Balance	Command			Financial	Menu [AMORT.1] F5	Outstanding loan balance immediately after payment P2 is applied (TI : Balance remaining =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AMORT_page_1.pdf
Banana→in	--	Banana to in	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.1] gF1	Convert Banana length to inch (TI : in) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
Banana→mm	--	Banana to mm	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.1] fF1	Convert Banana length to millimetre (TI : mm) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
bar→Pa	--	bar to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] gF1	Convert bar to Pascal (TI : Pa) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
barrel→m³	--	barrel to m³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] gF3	Convert barrel to cubic metre (TI : m³) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
barrel→m³	--	barrel to m³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] gF3	Convert barrel to cubic metre (TI : m³) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
[BASE]	BASE	Number base	MENU		<no annunciator>	Number bases	Keyboard f[h]	Number base operations (Short integer (8.02-8.16)) (Split screen : Displaying value of X according to setting dSI (short integer split screen lines) : 0 : <none> ; 1 : HEX ; 2 : HEX/DEC ; 3 : HEX/BIN/DEC ; if flag BCD is SET, instead of HEX, BCD is displayed with subscript digits and followed by subscript _{bcd} ; Info : on BASE page 2, special indicators are used : ◊ : all group settings comply, ◊ : ≥1 group settings differ) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
[BASE]	BASE	Number base	MENU		<no annunciator>	Number bases	Catalog CAT.MENUS BASE	Number base operations (Short integer (8.02-8.16)) (Split screen : Displaying value of X according to setting dSI (short integer split screen lines) : 0 : <none> ; 1 : HEX ; 2 : HEX/DEC ; 3 : HEX/BIN/DEC ; if flag BCD is SET, instead of HEX, BCD is displayed with subscript digits and followed by subscript _{bcd} ; Info : on BASE page 2, special indicators are used : ◊ : all group settings comply, ◊ : ≥1 group settings differ) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
[BASE]	BASE	Number base	MENU		<no annunciator>	Number bases	Menu [BASE2.1] gF1	Number base operations (Short integer (8.02-8.16)) (Split screen : Displaying value of X according to setting dSI (short integer split screen lines) : 0 : <none> ; 1 : HEX ; 2 : HEX/DEC ; 3 : HEX/BIN/DEC ; if flag BCD is SET, instead of HEX, BCD is displayed with subscript digits and followed by subscript _{bcd} ; Info : on BASE page 2, special indicators are used : ◊ : all group settings comply, ◊ : ≥1 group settings differ) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
[BASE]	BASE	Number base	MENU		<no annunciator>	Number bases	Menu [BASE2.2] gF1	Number base operations (Short integer (8.02-8.16)) (Split screen : Displaying value of X according to setting dSI (short integer split screen lines) : 0 : <none> ; 1 : HEX ; 2 : HEX/DEC ; 3 : HEX/BIN/DEC ; if flag BCD is SET, instead of HEX, BCD is displayed with subscript digits and followed by subscript _{bcd} ; Info : on BASE page 2, special indicators are used : ◊ : all group settings comply, ◊ : ≥1 group settings differ) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
[BASE2]	BASE2	Number base (2)	MENU			Number bases	Catalog CAT.MENUS BASE2	Alternative menu for number base operations (Short integer (8.02-8.16)) (Split screen : Displaying value of X according to setting dSI (short integer split screen lines) : 0 : <none> ; 1 : HEX ; 2 : HEX/DEC ; 3 : HEX/BIN/DEC ; if flag BCD is SET, instead of HEX, BCD is displayed with subscript digits and followed by subscript _{bcd}) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
BASE_{HP}	BASE _{HP} ■	Classic (HP) style base	Setting	ON	<no annunciator>	Number bases	Menu [BITSET.1] gF6	Switch on applying number base to the whole stack ; not programmable - in PEM, use flag BASE _{HP} (Info : Shortint values only) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
BASE_{HP}	--	Classic (HP) style base	Flag	SET	<no annunciator>	Number bases	Menu [SYS.FL.1] fF3 (Also) reached from MENU (Item, nonpgm) CFL6	SET for applying number base to the whole stack ; CLEAR for applying number base to X only (Info : Shortint values only) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
BASE_{HP}	--	Classic (HP) style base	Flag	SET	<no annunciator>	Number bases	Menu [CFL6 (SYS.FL).1] fF3	SET for applying number base to the whole stack ; CLEAR for applying number base to X only (Info : Shortint values only) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
BATT	BATT	Battery voltage	Command (HW)			System	Menu [INF0.1] fF2	Get battery voltage ±1 mV ; hardware only (TI : V = ; Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_1.pdf
BC?	BC?	Bit clear?	Command (logical)			Bits and bytes	Menu [BITS.1] gF3 (Also) reached from MENU (Item) BITSHFT	Test bit n is clear (TAM : BC? __ TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
BCD	BCD □	Binary coded decimal	Setting	OFF	<no annunciator>	Bits and bytes	Menu [BITSET.1] gF4	Switch on binary coded decimal (BCD) display of Long integer in #BASE Mode ; not programmable - in PEM, use flag BCD (Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript $\kappa c4$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
BCD	--	Binary coded decimal	Flag	CLEAR	<no annunciator>	Bits and bytes	Menu [SYS.FL.1] fF4 (Also) reached from MENU (Item, nonpgm) CFL6	SET for binary coded decimal (BCD) display of Long integer in #BASE Mode ; CLEAR for binary coded decimal display inactive (Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript $\kappa c4$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
BCD	--	Binary coded decimal	Flag	CLEAR	<no annunciator>	Bits and bytes	Menu [TamFlag.1] gF1	SET for binary coded decimal (BCD) display of Long integer in #BASE Mode ; CLEAR for binary coded decimal display inactive (Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript $\kappa c4$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
BCD	--	Binary coded decimal	Flag	CLEAR	<no annunciator>	Bits and bytes	Menu [CFL6 (SYS.FL).1] fF4	SET for binary coded decimal (BCD) display of Long integer in #BASE Mode ; CLEAR for binary coded decimal display inactive (Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript $\kappa c4$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
BCDUNS	BCDUNS ⊗	BCD unsigned	Setting (pgm)	ON	<no annunciator>	Bits and bytes	Menu [BITSET.1] gF3	Set BCD unsigned display of Long integer in #BASE Mode (Info : If menu BASE is open (#BASE Mode), BCD is displayed with subscript digits and followed by subscript $\kappa c4$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
BEEP	BEEP	Beep	Command			Input-Output	Menu [AUDI0.1] F1	Play beep sound (4 tones) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AUDI0_page_1.pdf
Begin	BeginP ○	TVM begin payments	Setting (pgm)	OFF	BEG	Financial	Menu [TVM.1] gF1	Switch on TVM begin payments (Info : SBI END ; BEG is shown if flag Sbtvm is SET and menu TVM, AMORT or CASHFL is open) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
BestF	BestF ₁	Set Best Fit	Setting	1	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] gF3	Select curve fit model(s) by setting parameter value directly (TAM : BestF ____ TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MODEL_page_1.pdf
BestF#	BestF#	Get Best Fit	Command			Plotting and curve fitting	Menu [INF0.2] fF5	Get parameter for which models are selected in the LR analysis (Info : Set in menu MODEL) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_2.pdf
BestF#	BestF#	Get Best Fit	Command			Plotting and curve fitting	Menu [MODEL.1] gF4	Get parameter for which models are selected in the LR analysis (Info : Set in menu MODEL) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MODEL_page_1.pdf
BIN	BIN	Binary	Setting (pgm)	OFF	#BASE ; #KEYA- _r	Number bases	Menu [BASE.1] F4	Convert X to binary and toggle binary mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA- _r is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : #TAM [$\sqrt{x}$] (B) ; Info : values are displayed with subscript 2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
BIN	BIN	Binary	Setting (pgm)	OFF	#BASE ; #KEYA- _r	Number bases	Menu [BASE2.1] gF4	Convert X to binary and toggle binary mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA- _r is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : #TAM [$\sqrt{x}$] (B) ; Info : values are displayed with subscript 2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
BIN	BIN	Binary	Setting (pgm)	OFF	#BASE ; #KEYA- _r	Number bases	Keyboard #TAM [$\sqrt{x}$]	Convert X to binary and toggle binary mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA- _r is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : #TAM [$\sqrt{x}$] (B) ; Info : values are displayed with subscript 2) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
BinetV3	--	BinetV3	User Program			Test programs	See description	BinetV3 example program, available to load from PROGRAMS/BinetV3.p47, using READP -- see https://forum.swissmicros.com/viewtopic.php?p=17761#p17761 (Info : Binet graphing, Jaco Mostert) [https://forum.swissmicros.com/viewtopic.php?p=17761#p17761]
[Binom:]	Binom:	Binomial & Negative binomial distribution	MENU			Probability (int)	Menu [DISTR.1] gF6	Binomial & Negative binomial probability distribution (discrete) (TI : RegP = p = ; RegN = n =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[Binom:]	Binom:	Binomial & Negative binomial distribution	MENU			Probability (int)	Catalog CAT.MENU Binom:	Binomial & Negative binomial probability distribution (discrete) (TI : RegP = p = ; RegN = n =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
Binom _p	Binom _p	Binomial pmf	Function (monadic)			Probability (int)	Menu [Binom.1] F1	Binomial probability mass function Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
Binom _A	Binom _A	Binomial cdf (lower)	Function (monadic)			Probability (int)	Menu [Binom.1] F3	Binomial cumulative distribution (lower tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
Binom _A	Binom _A	Binomial cdf (upper)	Function (monadic)			Probability (int)	Menu [Binom.1] F4	Binomial cumulative distribution (upper tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
Binom ⁻¹	Binom ⁻¹	Binomial qf (inverse)	Function (monadic)			Probability (int)	Menu [Binom.1] F6	Binomial inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
[BITS]	BITS	Bitwise functions	MENU			Bits and bytes	Menu [BLUEV7.3] fF2	Bitwise functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BLUEV7_page_3.pdf
[BITS]	BITS	Bitwise functions	MENU			Bits and bytes	Keyboard g[4]	Bitwise functions Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
[BITS]	BITS	Bitwise functions	MENU			Bits and bytes	Catalog CAT.MENU BITS	Bitwise functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
[BITSET]	BITSET	Bit set functions	MENU			Bits and bytes	Menu [BASE.1] gF6	Bit set functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[BITSET]	BITSET	Bit set functions	MENU			Bits and bytes	Menu [BASE.2] gF6	Bit set functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
[BITSET]	BITSET	Bit set functions	MENU			Bits and bytes	Menu [BITS.2] gF6 (Also) reached from MENU (item) BITSHIFT	Bit set functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
[BITSET]	BITSET	Bit set functions	MENU			Bits and bytes	Catalog CAT.MENU BITSET	Bit set functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
[BITSET]	BITSET	Bit set functions	MENU			Bits and bytes	Menu [BASE2.2] gF6	Bit set functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
[BITSET]	BITSET	Bit set functions	MENU			Bits and bytes	Menu [BITSHIFT (BITS).1] gF6	Bit set functions Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSHIFT_page_1.pdf
[BITSHIFT]	BITS÷2	Bit shift functions	MENU (item)			Bits and bytes	Menu [BASE.1] fF6	Activate menu BITS page 2 to access bit shift functions (Info : Previews/OPENM as BITS÷2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
[BITSHIFT]	BITS÷2	Bit shift functions	MENU (item)			Bits and bytes	Catalog CAT.MENU BITS÷2	Activate menu BITS page 2 to access bit shift functions (Info : Previews/OPENM as BITS÷2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSHIFT_page_1.pdf
[BITSHIFT]	BITS÷2	Bit shift functions	MENU (item)			Bits and bytes	Menu [BASE2.2] fF6	Activate menu BITS page 2 to access bit shift functions (Info : Previews/OPENM as BITS÷2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
$\text{blob/in}^3 \rightarrow \text{kg/m}^3$	--	blob/in^3 to kg/m^3	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] gF6	Convert blob per cubic inch to kilogram per cubic metre (TI : kg/m^3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
$\text{blob/in}^3 \rightarrow \text{lbs/in}^3$	--	blob/in^3 to lbs/in^3	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] gF4	Convert blob per cubic inch to pound per cubic inch (TI : lbs/in^3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
$\text{blob} \rightarrow \text{kg}$	--	blob to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] gF5	Convert blob to kilogram ; this is the same conversion as $\text{lbm}^2/\text{in}^3 \text{kg}$ on [Mass.2] gF1 (TI : kg) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
[BLUE47]	BLUE47	Access blue functions	MENU			Keyboard	Catalog CAT.MENU BLUE47	Access all functions of the DM42-layout g-shift keyboard (blue) and a few of the f-shift keyboard (Info : Assigned to calculator function SETUP {f[8]} in layout DM42) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BLUE47_page_1.pdf
BOLD	--	Bold font mode	Flag	CLEAR	<no annunciator>	User interface	Menu [SYS.FL.1] fF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for bold font mode ; CLEAR for regular font mode Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
BOLD	--	Bold font mode	Flag	CLEAR	<no annunciator>	User interface	Menu [CFL6 (SYS.FL).1] fF5	SET for bold font mode ; CLEAR for regular font mode Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
BOLD	BOLD 	Bold font mode	Setting (pgm)	OFF	<no annunciator>	User interface	Catalog CAT.FCNS BOLD 	Switch on bold font mode Ref : https://N7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
BOX	--	Box markers	Setting	ON	<no annunciator>	Plotting	Menu [Draw* (PLFUNC).3] fF2	Switch on box markers ; not programmable - in PEM, use flag PLBox (Info : If BOX is switched ON, CROSS and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_3.pdf
BOX	--	Box markers	Setting	ON	<no annunciator>	Plotting	Menu [Draw (PLFUNC).3] fF2	Switch on box markers ; not programmable - in PEM, use flag PLBox (Info : If BOX is switched ON, CROSS and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_3.pdf
BOX	--	Box markers	Setting	ON	<no annunciator>	Plotting	Menu [PLSTAT.2] fF2	Switch on box markers ; not programmable - in PEM, use flag PLBox (Info : If BOX is switched ON, CROSS and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_2.pdf
BOX	--	Box markers	Setting	ON	<no annunciator>	Plotting	Menu [PLTFCNS (PLFUNC).3] fF2	Switch on box markers ; not programmable - in PEM, use flag PLBox (Info : If BOX is switched ON, CROSS and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_3.pdf
$\text{brds} \rightarrow \text{in}$	--	brds to in	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF÷.2] F3	Convert beardsecond to inch (TI : in) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF÷_page_2.pdf
$\text{brds} \rightarrow \text{m}$	--	brds to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF÷.2] F1	Convert beardsecond to metre (TI : m) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF÷_page_2.pdf
BS?	BS?	Bit set?	Command (logical)			Number bases	Menu [BITS.1] gF2 (Also) reached from MENU (item) BITSHIFT	Test bit n is set (TAM : BS? ... TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
BS?	BS?	Bit set?	Command (logical)			Number bases	Menu [BASE2.2] gF5	Test bit n is set (TAM : BS? ... TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
 	BST	Backstep	Command (nonpgm)			Programming	Keyboard f[*]	Backstep (Shortcut : [*]) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
Btu→J	--	Btu to J	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] F5	Convert British Thermal Unit to Joule (TI : J) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
BUZZ	BUZZ	Buzzer	Command (HW)			Input-Output	Menu [AUDIO.1] F3	Play sound with frequency Y in Hz (0 = silent) and duration X in ms (max 2000) ; hardware only (Info : Error 128 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AUDIO_page_1.pdf
B_n^*	B_n^*	Bernoulli number (old definition)	Function (monadic)			Mathematics	Menu [X.FN.1] gF6	Bernoulli number (old definition) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
B_n^*	B_n^*	Bernoulli number (old definition)	Function (monadic)			Mathematics	Menu [FCNS.1] fF4	Bernoulli number (old definition) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
C	--	Speed of light (vacuum)	Constant			Constants	Menu [CNST.1] F4	Constant c : $3 \times \text{lightspeed} = +2.99792458 \times 10^8$ (Unit : m/s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_1.pdf
C	--	C	Character			Numeric input and characters	Menu [BASE.2] F3	Character C (Fontcode : 0B434) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
C	--	C	Character			Numeric input and characters	Menu [INTS.1] F3	Digit C (Fontcode : 0B434) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
C	--	C	Character			Numeric input and characters	Keyboard alpha [1/x]	Character C (Fontcode : 0B3 ₁₆) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
C	--	C	Character			Numeric input and characters	Keyboard alphaSIM [c]	Character C (Fontcode : 0B3 ₁₆) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
C	--	C	Character			Numeric input and characters	Menu [BITSET.1] F3	Character C (Fontcode : 0B3 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSET_page_1.pdf
C	--	C	Character			Numeric input and characters	Menu [BASE2.1] F3	Character C (Fontcode : 0B3 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE2_page_1.pdf
C	--	C	Character			Numeric input and characters	Menu [BASE2.2] F3	Character C (Fontcode : 0B3 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE2_page_2.pdf
C	--	c	Character			Characters	Keyboard alpha f [1/x]	Character c (Fontcode : 0B3 ₁₆) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
{C}	--	Register C	EasyAccess (TAM)			Trailing input	Keyboard TAM [1/x]	Easy access to Register C (106) : Stack level 7 (Shortcut : STO/RCL [C] ; TI : C) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
C	--	Register C	EasyAccess (TAM)			Trailing input	Menu [REG.1] fF5	Easy access to Register C (106) : Stack level 7 (Shortcut : STO/RCL [C] ; TI : C) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_1.pdf
c	--	Local label c	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] fF3	Easy access to local label c Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamLabel_page_1.pdf
{C}	--	Local label C	EasyAccess (TAM)			Trailing input	See description	Easy access to local label C (Shortcut : LBL [C])
C	--	Register C (lettered)	Register (lettered)			Lettered registers	See description	Register C (106) : Stack level 7 (Info : Reached using stack or from STO/RCL [REG.1] fF5 or STO/RCL [C])
C	--	Flag C	EasyAccess (TAM)			Trailing input	Menu [FLG.1] fF5	Easy access to Flag C (106) (Shortcut : FF [C]) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_1.pdf
C	--	Flag C	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag C (106) (Info : Reached from FF [FLG.1] fF5 or FF [C])
℄	--	Complex C	Character			Characters	Menu [αMath.5] gF1	Mathematical symbol ℄ (Fontcode : 2102 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_5.pdf
c	--	Subscript C	Character			Characters	See description	Character c (Fontcode : 2402 ₁₆)
C	--	Superscript C	Character			Characters	See description	Character C (Fontcode : 240B ₁₆)
Ĉ	--	C accute	Character			Characters	Menu [αINTL.1] fF6	International character Ĉ (Fontcode : 0106 ₁₆ ; Info : press [4] for Ĉ at [αINTL.1] fF6) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
Ċ	--	c accute	Character			Characters	Menu [αINTL.1] fF6	International character Ċ (Fontcode : 0107 ₁₆ ; Info : press [4] for Ċ at [αINTL.1] fF6) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_1.pdf
Č	--	C caron	Character			Characters	Menu [αINTL.1] gF1	International character Č (Fontcode : 010C ₁₆ ; Info : press [4] for Č at [αINTL.1] gF1) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
č	--	c caron	Character			Characters	Menu [αINTL.1] gF1	International character č (Fontcode : 010D ₁₆ ; Info : press [4] for č at [αINTL.1] gF1) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_1.pdf
Ç	--	C cedilla	Character			Characters	Menu [αINTL.1] fF5	International character Ç (Fontcode : 0B07 ₁₆ ; Info : press [4] for Ç at [αINTL.1] fF5) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
ç	--	c cedilla	Character			Characters	Menu [αINTL.1] fF5	International character ç (Fontcode : 0B0E ₁₆ ; Info : press [4] for ç at [αINTL.1] fF5) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_1.pdf
℄?	℄?	Complex number?	Command (logical)			Programming	Menu [TEST.2] F4	Test type of X is Complex number (2.8+2.5) (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Datatypes.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_2.pdf
Cyx	COMB	Combinations	Function (dyadic)			Trigonometry	Menu [PROB.1] F3	Combinations of X out of Y Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PROB_page_1.pdf
℄→Ṽ ₂	℄→Ṽ ₂	Complex to 1x2 vector	Function (monadic)		<no annunciator>	Vector operations	Menu [Ṽ→Ṽ.1] gF1	Convert Complex number to 1x2 vector (Info : Display depends on flag 3Dxyz, for rectangular vector : [i] [v ₁ v ₂]) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VectorConv_page_1.pdf
℄→R	℄→R	Complex to Real	Function (monadic)			Complex numbers	Menu [CPX.1] gF3	Convert Complex to Real (in POLAR, using angle tag or ADM) (TI : Im = ; Re = (RECT) ; θ = ; r = (POLAR) in X, Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CPX_page_1.pdf
℄↔Ṽ ₂	℄↔Ṽ ₂	Complex to or from 1x2 vector	Function (monadic)		<no annunciator>	Vector operations	Menu [VECTOR.2] F3	Convert Complex number to or from 1x2 vector (Info : Display depends on flag 3Dxyz, for rectangular vector : [i] [v ₁ v ₂]) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_2.pdf
C↔C	M.C↔C	Swap columns	Command			Matrix operations	Menu [MATX.3] fF4	Swap columns X and Y of indexed matrix Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_3.pdf
C ₁	--	1st radiation constant	Constant			Constants	Menu [CNST.1] F5	Constant # 6 c ₁ c.radiatn1 = +3.74177185219275801136715555592985 × 10 ⁻¹⁶ (Unit : z) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
C ₂	--	2nd radiation constant	Constant			Constants	Menu [CNST.1] F6	Constant # 7 c ₂ c.radiatn2 = +1.438776877503933802146671601593912 × 10 ⁻² (Unit : mK) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
C47	--	C47 layout	Layout	OFF		Customisation	See description	C47 keyboard layout ; selecting this layout changes base keys and deletes all keyboard assignments (KEYS.R) (TI : C47: Classic single shift (DM2/DM2n base) ; the layout is kept even on RESET)
cal→J	--	cal to J	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] F3	Convert calorie to Joule (TI : J) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Energy_page_1.pdf
Calc f	Calc f	Calculate result	Command			Equations	Menu [f Solve.1] F6	Calculate value of the result for the expression (TI : f =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_f_Solve_page_1.pdf
Calc f'	Calc f'	First derivative [EQN]	Command			Equations	Menu [f'.1] F6	Numerically calculate first derivative for (starred) variable (TI : f' =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_f_prime_page_1.pdf
Calc f''	Calc f''	Second derivative [EQN]	Command			Equations	Menu [f''.1] F6	Numerically calculate second derivative for (starred) variable (TI : f'' =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_f_double_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
CAPS	--	Alpha capslock	Setting	OFF	A ; a	Text input	Menu [ALPHA.1]gF1 (Also) reached from MENU (item) [a]	Switch on alpha capslock ; not programmable (Shortcut : alpha f[*] / alpha f[4] ; Info : sets initial case of menu A...D/a...w and αINTL/αintl ; toggling alpha capslock clears Numlock) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA_page_1.pdf
CAPS	--	Alpha capslock	Setting	OFF	A ; a	Text input	Menu [TamAlpha.1]gF1	Switch on alpha capslock ; not programmable (Shortcut : alpha f[*] / alpha f[4] ; Info : sets initial case of menu A...D/a...w and αINTL/αintl ; toggling alpha capslock clears Numlock) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
CAPS	--	Alpha capslock	Setting	OFF	A ; a	Text input	Menu [NEW (EQ_EDIT).1]fF1	Switch on alpha capslock ; not programmable (Shortcut : alpha f[*] / alpha f[4] ; Info : sets initial case of menu A...D/a...w and αINTL/αintl ; toggling alpha capslock clears Numlock) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
CAPS	--	Alpha capslock	Setting	OFF	A ; a	Text input	Menu [EDIT (EQ_EDIT).1]fF1	Switch on alpha capslock ; not programmable (Shortcut : alpha f[*] / alpha f[4] ; Info : sets initial case of menu A...D/a...w and αINTL/αintl ; toggling alpha capslock clears Numlock) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
CAPS	--	Alpha capslock	Setting	OFF	A ; a	Text input	Menu [α (ALPHA).1]gF1	Switch on alpha capslock ; not programmable (Shortcut : alpha f[*] / alpha f[4] ; Info : sets initial case of menu A...D/a...w and αINTL/αintl ; toggling alpha capslock clears Numlock) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
carat→g	--	carat to g	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2]fF1	Convert carat to gram (TI : g) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_2.pdf
CARRY	CARRY □	Carry (bit)	Setting	OFF	c	Bits and bytes	Menu [BASE2.2]fF3	Switch on carry (bit) ; not programmable - in PEM, use flag CARRY (Info : SBI c is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
CARRY	--	Carry (bit)	Flag	CLEAR	c	Bits and bytes	Menu [SYS.FL.1]fF6 (Also) reached from MENU (item, nonpgm) CFL6	SET for carry (bit) ; CLEAR for carry (bit) inactive (Info : SBI c is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
CARRY	--	Carry (bit)	Flag	CLEAR	c	Bits and bytes	Menu [TamFlag.1]gF5	SET for carry (bit) ; CLEAR for carry (bit) inactive (Info : SBI c is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
CARRY	--	Carry (bit)	Flag	CLEAR	c	Bits and bytes	Menu [CFL6 (SYS.FL).1]fF6	SET for carry (bit) ; CLEAR for carry (bit) inactive (Info : SBI c is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
CASE	CASE	Case	Command (PEM)			Programming	Menu [P.FN3.1]gF2	Case statement, skips number of steps given by chosen variable (normally followed by number of GTO statements) (TAM : CASE _ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN3_page_1.pdf
CASE DN	--	Alpha lock downwards	Alpha-shift		N ; A ; a	Text input	Keyboard alpha f[4]	Move down alpha lock from N to A to a (Shortcut : alpha f[4] ; Info : sets initial case of menu A...D/a...w and αINTL/αintl) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
CASE UP	--	Alpha lock upwards	Alpha-shift		A ; a ; N	Text input	Keyboard alpha f[*]	Move up alpha lock from A to a to N (Shortcut : alpha f[*] ; Info : sets initial case of menu A...D/a...w and αINTL/αintl) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
[CASHFL]	CASHFL	IWM-cash-flow	MENU-{strike}			Financial	Menu [FIN.1]gF5	IWM-cash-flow (Info : When menu CASHFL is open, [RCL]/[STO] activates menu TamRclIWM/TamStoIWM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FIN_page_1.pdf
[CASHFL]	CASHFL	IWM-cash-flow	MENU-{strike}			Financial	Catalog CAT.MENU.CASHFL	IWM-cash-flow (Info : When menu CASHFL is open, [RCL]/[STO] activates menu TamRclIWM/TamStoIWM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CASHFL_page_1.pdf
[CAT]	CATALOG	Catalog	MENU			Catalog	Keyboard f[+]	Catalog of all items (functions, characters, programs, variables, menus) (Info : Press [EXIT] to exit catalog) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
[CAT]	CATALOG	Catalog	MENU			Catalog	Catalog CAT.MENU.CATALOG	Catalog of all items (functions, characters, programs, variables, menus) (Info : Press [EXIT] to exit catalog) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_page_1.pdf
[CAT]	CATα	Catalog (alpha)	MENU			Catalog	Keyboard alpha f[+]	Catalog of items available in Alpha Input Mode (Info : CAT [ALPHA] is available on keyboard alpha f[+]) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
[CAT]	CATα	Catalog (alpha)	MENU			Catalog	Catalog CAT.MENU.CATα	Catalog of items available in Alpha Input Mode (Info : CAT [ALPHA] is available on keyboard alpha f[+]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
[CAT]	CATe	Catalog (equation)	MENU			Catalog	Catalog CAT.MENU.CATe	Catalog of items available in Equation Input Mode (Info : CAT [EQN] is available on keyboard f[+] in EIM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_EQN_page_1.pdf
[Cauchi]	Cauch:	Cauchy-Lorentz distribution	MENU			Probability (real)	Menu [DISTR.1]fF3	Cauchy-Lorentz probability distribution (continuous) (TI : RegM = x ₀ = ; RegS = γ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[Cauchi]	Cauch:	Cauchy-Lorentz distribution	MENU			Probability (real)	Catalog CAT.MENU.Cauch:	Cauchy-Lorentz probability distribution (continuous) (TI : RegM = x ₀ = ; RegS = γ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Cauch_page_1.pdf
Cauch _p	Cauch _p	Cauchy pdf	Function (monadic)			Probability (real)	Menu [Cauch.1]F1	Cauchy probability density function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Cauch_page_1.pdf
Cauch _Δ	Cauch _Δ	Cauchy cdf (lower)	Function (monadic)			Probability (real)	Menu [Cauch.1]F3	Cauchy cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Cauch_page_1.pdf
Cauch _Δ	Cauch _Δ	Cauchy cdf (upper)	Function (monadic)			Probability (real)	Menu [Cauch.1]F4	Cauchy cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Cauch_page_1.pdf
CauchF	CauchF □	Cauchy peak fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1]fF4	Set <BestF> to include Cauchy peak curve fitting : y = [a ₀ (x + a ₁) ² + a ₂] ⁻¹ ; deselects 0rthoF (Info : Adds 128 to <BestF> ; TI : L.R. selected to <BestF>.) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODEL_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Cauch⁻¹	Cauch ⁻¹	Cauchy qf (inverse)	Function (monadic)			Probability (real)	Menu [Cauch.1] F6	Cauchy inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Cauch_page_1.pdf
CB	CB	Clear bit	Function (monadic)			Number bases	Menu [BITS.1] gF4 (Also) reached from MENU (item) BITSHIFT	Clear bit n (TAM : CB ___ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
CB	CB	Clear bit	Function (monadic)			Number bases	Menu [BASE2.2] gF4	Clear bit n (TAM : CB ___ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
CC	CC	Compose-cut	Command			Complex numbers	Menu [MyM.1] F2	Convert to or from Complex number (2.0-2.5) (Info : a CC b ENTER returns a+bi or a±b (using angle tag, regardless of POLAR, or ADM) ; CC returns Y : a, X : b ; also accepts 1x2 vectors as input) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
ceil	ceil	Ceiling	Function (monadic)			Reals	Menu [REAL.1] gF2	Mathematical ceiling of number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
ceil	ceil	Ceiling	Function (monadic)			Reals	Menu [FCNS.1] fF5	Mathematical ceiling of number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
CENTRL	CENTRL	(Plot) Central	Command (submnv)			Measurement	Menu [CENTRL (SCATR).1] F1	Orthogonal curve fit and show parameters, requires 30 data pairs (Info : Opens the graph mode and (re)starts menu SCATR) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CENTRL_page_1.pdf
CENTRL	CENTRL	(Plot) Central	Command (submnv)			Measurement	Menu [SCATR.1] F1	Orthogonal curve fit and show parameters, requires 30 data pairs (Info : Opens the graph mode and (re)starts menu SCATR) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SCATR_page_1.pdf
CF	CF	Clear flag	Command			Programming	Menu [FLAG.1] F6	Clear flag (TAM : CF ___ TamFlag menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
[CFLG]	SYS.FL	Configuration flags	MENU (item, nonpgm)			Flags	Menu [MODE.1] fF6	Activate menu for setting system flags using FF (Flip flag) function (Ref : https://n7calc.com/doc/Application%20Notes/AN0028_Cv7_R47_JM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
[CFLG]	SYS.FL	Configuration flags	MENU (item, nonpgm)			Flags	Menu [MODE.2] fF6	Activate menu for setting system flags using FF (Flip flag) function (Ref : https://n7calc.com/doc/Application%20Notes/AN0028_Cv7_R47_JM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_2.pdf
[CFLG]	SYS.FL	Configuration flags	MENU (item, nonpgm)			Flags	Catalog CAT.MENUS SYS.FL	Activate menu for setting system flags using FF (Flip flag) function (Ref : https://n7calc.com/doc/Application%20Notes/AN0028_Cv7_R47_JM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_1.pdf
[CFLG]	SYS.FL	Configuration flags	MENU (item, nonpgm)			Flags	Menu [PREF.1] F6	Activate menu for setting system flags using FF (Flip flag) function (Ref : https://n7calc.com/doc/Application%20Notes/AN0028_Cv7_R47_JM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_1.pdf
[CFLG]	SYS.FL	Configuration flags	MENU (item, nonpgm)			Flags	Menu [PREF.2] F6	Activate menu for setting system flags using FF (Flip flag) function (Ref : https://n7calc.com/doc/Application%20Notes/AN0028_Cv7_R47_JM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_2.pdf
[CHARS]	CHARS	Characters	MENU			Catalog	Menu [CAT.1] F3	Access to all character submenus (Mya ; A.../a...m ; aMath ; aMisc ; aINTL/aINTl) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_page_1.pdf
[CHARS]	CHARS	Characters	MENU			Catalog	Catalog CAT.MENUS CHARS	Access to all character submenus (Mya ; A.../a...m ; aMath ; aMisc ; aINTL/aINTl) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CHARS_page_1.pdf
[CHARS]	CHARS	Characters	MENU			Catalog	Menu [CAT.1] F3	Access to all character submenus (Mya ; A.../a...m ; aMath ; aMisc ; aINTL/aINTl) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_EQN_page_1.pdf
[Chef:]	Chef:	Cooking unit conversions	MENU		<no annunciator>	Cooking unit conversions	Menu [CONV.1] fF6	Convert between cooking units ; this menu has two pages, one for the UK (imperial) units, the other for the US (customary) units : this is determined by flag CONVus, which is SET for US units on page 1 ; CLEAR for UK units on page 1 (default CLEAR) (Info : Flag CONVus may be SET for <to> e + <to> unit conversion buttons ; CLEAR for <from> - e <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Chef:]	Chef:	Cooking unit conversions	MENU		<no annunciator>	Cooking unit conversions	Catalog CAT.MENUS Chef:	Convert between cooking units ; this menu has two pages, one for the UK (imperial) units, the other for the US (customary) units : this is determined by flag CONVus, which is SET for US units on page 1 ; CLEAR for UK units on page 1 (default CLEAR) (Info : Flag CONVus may be SET for <to> e + <to> unit conversion buttons ; CLEAR for <from> - e <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
chī→m	--	chī to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.2] gF3	Convert chī to metre (Ti : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
CHINA	S.CHN ◇	Chinese formatting	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.3] F1	Set to Chinese regional formats (date, time, calendar, number formatting) (Ti : First Gregorian day set: 1949-10-01 ; Week of Year rule set: Monday,Thursday) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_3.pdf
CHS	CHS	Change sign	Function (monadic)			Numeric input	Keyboard normalSIM [n]	Change sign of number or time value in X (Info : CHS does not copy input to LASTx ; 0. CHS returns - 0. provided flag SPGRES is SET) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
CHS	CHS	Change sign	Function (monadic)			Numeric input	Keyboard [CHS]	Change sign of number or time value in X (Info : CHS does not copy input to LASTx ; 0. CHS returns - 0. provided flag SPGRES is SET) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
CLA	--	Clear alpha	Command			Text input	Keyboard alpha f[+]	In Alpha Input Mode, clear alpha input buffer ; in Equation Input Mode, clear equation (alpha) input buffer (Shortcut : alpha f[+] ; alpha g[+] ; alpha long [+]; EIM long [+]) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
CLA	--	Clear alpha	Command			Text input	Keyboard alpha g[*]	In Alpha Input Mode, clear alpha input buffer ; in Equation Input Mode, clear equation (alpha) input buffer (Shortcut : alpha f[*]; alpha g[*]; alpha long [*]; EIM long [*]) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
CLCVAR	CLCVAR	Clear current (program) variables	Command			Cleanup	Menu [CLR.1]F3	Clear current program variables Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
CLD	CLD	Clear message from display	Command			Cleanup	Menu [CLR.1]fF4	Clear message from display Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
CLFall	CLFALL	Clear (user) flags	Command			Cleanup	Menu [CLR.1]fF1	Clear all user flags (numbered and lettered) (YESNO : Clear all flags? ; TI : All global user flags cleared) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
CLFall	CLFALL	Clear (user) flags	Command			Cleanup	Menu [FLAG.1]gF6	Clear all user flags (numbered and lettered) (YESNO : Clear all flags? ; TI : All global user flags cleared) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
CLGRF	CLGRF	Clear graph	Command (nonpgm)			Cleanup	Menu [CLR.1]gF4	Clear graph Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
[CLK]	CLK	Clock	MENU			Time functions	Menu [BLUE47.3]fF3	Clock functions, including setting date and time and julian day numbers (astronomy) (Info : Use TDISP to set time display format : 8 = full ; 1,2 = hours/minutes ; 3 = hours/minutes/seconds ; 4,5,6 = 1,2,3 decimal places for the seconds ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE47_page_3.pdf
[CLK]	CLK	Clock	MENU			Time functions	Keyboard g[2]	Clock functions, including setting date and time and julian day numbers (astronomy) (Info : Use TDISP to set time display format : 8 = full ; 1,2 = hours/minutes ; 3 = hours/minutes/seconds ; 4,5,6 = 1,2,3 decimal places for the seconds ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
[CLK]	CLK	Clock	MENU			Time functions	Catalog CAT.MENU CLK	Clock functions, including setting date and time and julian day numbers (astronomy) (Info : Use TDISP to set time display format : 8 = full ; 1,2 = hours/minutes ; 3 = hours/minutes/seconds ; 4,5,6 = 1,2,3 decimal places for the seconds ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf
CLK12	CLK12 o	12 hour clock	Setting (pgm)	OFF	HH:MmAm/pm	Display	Menu [CLK.2]F1 (Also) reached from MENU (item) DTSET	Switch on 12h time display (Format : HH24:Mm ; HH:MmAm/pm; Info : SBI is shown if flag SBtime is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
CLK12	CLK12 o	12 hour clock	Setting (pgm)	OFF	HH:MmAm/pm	Display	Menu [DTSET (CLK).1]F1	Switch on 12h time display (Format : HH24:Mm ; HH:MmAm/pm; Info : SBI is shown if flag SBtime is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
CLK24	CLK24 @	24 hour clock	Setting (pgm)	ON	HH24:Mm	Display	Menu [CLK.2]F2 (Also) reached from MENU (item) DTSET	Switch on 24h time display (Format : HH24:Mm ; HH:MmAm/pm; Info : SBI is shown if flag SBtime is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
CLK24	CLK24 @	24 hour clock	Setting (pgm)	ON	HH24:Mm	Display	Menu [DTSET (CLK).1]F2	Switch on 24h time display (Format : HH24:Mm ; HH:MmAm/pm; Info : SBI is shown if flag SBtime is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
CLLCD	CLLCD	Clear LCD	Command (42)			Cleanup	Menu [CLR.1]fF5	Clear the whole LCD display ; this is a 42-compatibility command Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
CLLCD _{xy}	CLLCD _{xy}	Clear LCD (screen)	Command			Cleanup	Catalog CAT.FCNS CLLCD _{xy}	Clear (part of) the display, starting at X and Y (Info : Range is X in [8, 398] and Y in [8, 238] (400 x 240 display, where (8, 8) is bottom left) ; -8 is accepted as a valid negative input for line drawing) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
CLMall	CLMall	Clear all menus	Command			Cleanup	Menu [CLR.1]fF2	Clear assignments to all user defined menus (YESNO : Clear all user menus? ; TI : All user menus cleared) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
CLMENU	CLMENU	Clear (program) menu	Command			Cleanup	Menu [CLR.1]F2	Clear the programmable menu Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
CLMENU	CLMENU	Clear (program) menu	Command			Cleanup	Menu [P.FN2.1]fF3	Clear the programmable menu Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
CLN	--	Clear number	Command			Numeric input	See description	Clear numeric input buffer (Shortcut : NIM long [*])
[CLR]	CLR	Clear	MENU			Cleanup	Catalog CAT.MENU CLR	Clear flags, programs, registers, stacks, variables and reset calculator Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
[CLR]	CLR	Clear	MENU			Cleanup	Keyboard g[*]	Clear flags, programs, registers, stacks, variables and reset calculator Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
CLREGS	CLREGS	Clear registers	Command		8 ; 4	Cleanup	Menu [CLR.1]fF6	Clear registers : general purpose 88-99 and IJKMMPQRSEFGHOUVM, local .00-.98 (if allocated) ; when stack size is 8, does not clear XYZTABCD ; when stack size is 4, does not clear XYZT, but DOES clear ABCD (YESNO : Clear registers?) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
CLRMOD	CLRMOD	Clear modes	Command			Cleanup	Menu [CLR.1]gF2	Clear all menus, entry, fraction and base modes ; when used while plotting in Program Entry Mode, leaves a graph and carries on (Shortcut : longerpress [EXIT] ; NIM longer [EXIT] ; alpha longer [EXIT] ; PEM longest [EXIT] ; EIM longer [EXIT]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
CLRMOD	CLRMOD	Clear modes	Command			Cleanup	Keyboard longerpress [EXIT]	Clear all menus, entry, fraction and base modes ; when used while plotting in Program Entry Mode, leaves a graph and carries on (Shortcut : longerpress [EXIT] ; NIM longer [EXIT] ; alpha longer [EXIT] ; PEM longest [EXIT] ; EIM longer [EXIT]) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_8.pdf
CLSTK	CLSTK	Clear stack	Command		8 ; 4	Cleanup	Menu [CLR.1] F6	Clear stack registers : when stack size is 8, clears XYZT ABCD ; when stack size is 4, clears XYZT ; if setting i LI is ON, the stack is filled with 0 (Long integers) ; when used while plotting, CLSTK returns to the normal screen as the stack is expected to show, implying an exit from graph and other modes (Shortcut : longpress [+]) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLR_page_1.pdf
CLSTK	CLSTK	Clear stack	Command		8 ; 4	Cleanup	Menu [ELEC.1] F6	Clear stack registers : when stack size is 8, clears XYZT ABCD ; when stack size is 4, clears XYZT ; if setting i LI is ON, the stack is filled with 0 (Long integers) ; when used while plotting, CLSTK returns to the normal screen as the stack is expected to show, implying an exit from graph and other modes (Shortcut : longpress [+]) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_ELEC_page_1.pdf
CLSTK	CLSTK	Clear stack	Command		8 ; 4	Cleanup	Menu [STK.1] F6	Clear stack registers : when stack size is 8, clears XYZT ABCD ; when stack size is 4, clears XYZT ; if setting i LI is ON, the stack is filled with 0 (Long integers) ; when used while plotting, CLSTK returns to the normal screen as the stack is expected to show, implying an exit from graph and other modes (Shortcut : longpress [+]) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_STK_page_1.pdf
CLSTK	CLSTK	Clear stack	Command		8 ; 4	Cleanup	Menu [VECTOR.1] F6	Clear stack registers : when stack size is 8, clears XYZT ABCD ; when stack size is 4, clears XYZT ; if setting i LI is ON, the stack is filled with 0 (Long integers) ; when used while plotting, CLSTK returns to the normal screen as the stack is expected to show, implying an exit from graph and other modes (Shortcut : longpress [+]) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_VECTOR_page_1.pdf
CLSTK	CLSTK	Clear stack	Command		8 ; 4	Cleanup	Menu [VECTOR.2] F6	Clear stack registers : when stack size is 8, clears XYZT ABCD ; when stack size is 4, clears XYZT ; if setting i LI is ON, the stack is filled with 0 (Long integers) ; when used while plotting, CLSTK returns to the normal screen as the stack is expected to show, implying an exit from graph and other modes (Shortcut : longpress [+]) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_VECTOR_page_2.pdf
CLSTK	CLSTK	Clear stack	Command		8 ; 4	Cleanup	Keyboard longpress [+]	Clear stack registers : when stack size is 8, clears XYZT ABCD ; when stack size is 4, clears XYZT ; if setting i LI is ON, the stack is filled with 0 (Long integers) ; when used while plotting, CLSTK returns to the normal screen as the stack is expected to show, implying an exit from graph and other modes (Shortcut : longpress [+]) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
CLTVM	CLTVM	Clear TVM variables	Command			Cleanup	Menu [CLR.1] g F3	Clear TVM variables Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLR_page_1.pdf
CLTVM	CLTVM	Clear TVM variables	Command			Cleanup	Menu [TVM.1] f F1	Clear TVM variables Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TVM_page_1.pdf
CLVall	CLVall	Clear all variables	Command			Cleanup	Menu [CLR.1] f F3	Clear all user variables ; clear matrices HISTO, STATS, Mat A, Mat B, Mat X (YESNO : Clear all user variables? ; TI : All user variables cleared) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLR_page_1.pdf
CLX	CLX	Clear X	Command			Cleanup	Menu [CLR.1] F5	Clear X-register and disable automatic stack lift for next entry Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLR_page_1.pdf
CL α	CL α	Clear alpha	Command			Cleanup	Menu [CLR.1] F4	Clear any register or variable and initialize it with an empty text string (TAM : CL α ___ Tam menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLR_page_1.pdf
CL Σ	CL Σ	Clear statistics	Command			Cleanup	Menu [CLR.1] F1	Clear all statistics data ; delete matrices HISTO and STATS Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLR_page_1.pdf
CL Σ	CL Σ	Clear statistics	Command			Cleanup	Menu [FIN.1] g F1	Clear all statistics data ; delete matrices HISTO and STATS Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FIN_page_1.pdf
CL Σ	CL Σ	Clear statistics	Command			Cleanup	Menu [STAT.2] g F6	Clear all statistics data ; delete matrices HISTO and STATS Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_STAT_page_2.pdf
CL Σ	CL Σ	Clear statistics	Command			Cleanup	Menu [PLOT.2] g F6	Clear all statistics data ; delete matrices HISTO and STATS Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_PLOT_page_2.pdf
CL Σ	CL Σ	Clear statistics	Command			Cleanup	Menu [STOPW.1] f F6	Clear all statistics data ; delete matrices HISTO and STATS Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_STOPW_page_1.pdf
cm→in	--	cm to in	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.3] g F4	Convert Centimetre to inch (TI : in) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_Length_page_3.pdf
cmatx?	Cmatx?	Complex matrix or vector?	Command (logical)			Programming	Menu [TEST.2] g F4	Test type of X is Complex matrix or vector (7.n) (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Datatypes.pdf) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TEST_page_2.pdf
CMAx	M.CMAx	Maximum column value	Function (monadic)			Matrix operations	Menu [MATX.3] f F2	Maximum column value for column (J) of indexed matrix, returns row index (I) in Y and maximum in X (Info : Set starting row and column index using STOIJ before executing CMAx) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_MATX_page_3.pdf
CMIN	M.CMIN	Minimum column value	Function (monadic)			Matrix operations	Menu [MATX.3] f F1	Minimum column value for column (J) of indexed matrix, returns row index (I) in Y and minimum in X (Info : Set starting row and column index using STOIJ before executing CMIN) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_MATX_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
cn(u,m)	cn(u,m)	Elliptic cosine	Function (dyadic)			Mathematics	Menu [Ellipt.1]F2	Elliptic cosine (Parameter : u = X ; m = Y ; Info :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Ellipt_page_1.pdf
CNCATB	M.CNCTB	Concatenate (bottom)	Command (strike)			Matrix operations	Menu [MATX.1]fF5	Concatenate matrices (bottom) (TAM ← M.CNCTB → Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
CNCATR	M.CNCTR	Concatenate (right)	Command (strike)			Matrix operations	Menu [MATX.1]fF6	Concatenate matrices (right) (TAM ← M.CNCTR → Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
CNORM	CNORM	Column or Manhattan norm	Function (monadic)			Matrix operations	Menu [TamNorm.1]fF4	Maximum column sum of absolute element values of a matrix in X : x ₁ = max _j x _{ij} (Info : If CNORM is selected from menu [TamNorm.1]fF4, it enters x _p with parameter 1 : Maximum column sum of absolute element values of a matrix in X : x _p = max _j x _{ij}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamNorm_page_1.pdf
[CNST]	CNST	Constants	MENU (ASM)			Catalog	Menu [CAT.1]F2	Important scientific and technical constants (Info : In Program Entry Mode, constants selected from the menu are stored in programs as "a", the reference number, the label and the abbreviated name ; in the equation editor the label is simply preceded by "a" ; Type characters 1-2 to search ; TI : <constant abbreviation> = <value> ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Constants.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_page_1.pdf
[CNST]	CNST	Constants	MENU (ASM)			Catalog	Menu [BLUEV7.2]fF5	Important scientific and technical constants (Info : In Program Entry Mode, constants selected from the menu are stored in programs as "a", the reference number, the label and the abbreviated name ; in the equation editor the label is simply preceded by "a" ; Type characters 1-2 to search ; TI : <constant abbreviation> = <value> ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Constants.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUEV7_page_2.pdf
[CNST]	CNST	Constants	MENU (ASM)			Catalog	Keyboard g[+]	Important scientific and technical constants (Info : In Program Entry Mode, constants selected from the menu are stored in programs as "a", the reference number, the label and the abbreviated name ; in the equation editor the label is simply preceded by "a" ; Type characters 1-2 to search ; TI : <constant abbreviation> = <value> ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Constants.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
[CNST]	CNST	Constants	MENU (ASM)			Catalog	Catalog CAT.MENUS CNST	Important scientific and technical constants (Info : In Program Entry Mode, constants selected from the menu are stored in programs as "a", the reference number, the label and the abbreviated name ; in the equation editor the label is simply preceded by "a" ; Type characters 1-2 to search ; TI : <constant abbreviation> = <value> ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Constants.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_1.pdf
[CNST]	CNST	Constants	MENU (ASM)			Catalog	Menu [CAT.1]F2	Important scientific and technical constants (Info : In Program Entry Mode, constants selected from the menu are stored in programs as "a", the reference number, the label and the abbreviated name ; in the equation editor the label is simply preceded by "a" ; Type characters 1-2 to search ; TI : <constant abbreviation> = <value> ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Constants.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_EQN_page_1.pdf
CNST	CNST	Constant	Command			Constants	Catalog CAT.FCNS CNST	Get value of one of the important scientific and technical constants (TAM : CNST → TamNonReg menu (parameter 0-83) ; TI : <constant abbreviation> = <value> ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Constants.pdf) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
COL+1	M.COL+1	Add column	Command			Matrix operations	Menu [M_EDIT.1]F2 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Add column to matrix, at the right edge Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
COL+1	M.COL+1	Add column	Command			Matrix operations	Menu [EDITN (M_EDIT).1]F2	Add column to matrix, at the right edge Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
COL+1	M.COL+1	Add column	Command			Matrix operations	Menu [EDIT (M_EDIT).1]F2	Add column to matrix, at the right edge Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
COM,	ICOM, 0	IP separator comma	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1]F2 (Also) reached from MENU (item, nonpgm) IPART_	Set integer part separator to comma Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
COM,	FCOM, 0	FP separator comma	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1]F2 (Also) reached from MENU (item, nonpgm) FPART_	Set fractional part separator to comma Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
COM,	RCOM, 0	Radix comma	Setting (pgm)	OFF	<no annunciator>	Display	Menu [RADIX.1]F2 (Also) reached from MENU (item, nonpgm) RADIX_	Radix decimal comma Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_RADIX_page_1.pdf
COMB	COMB	Combinations	Function (dyadic)			Trigonometry	Menu [FCNS.1]fF6	Combinations of X out of Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
COMPLEX	COMPLEX	Complex number	Function (dyadic)			Complex numbers	Menu [CPX.1]fF1	Convert to or from Complex number (2.0-2.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
COMPLEX	COMPLEX	Complex number	Function (dyadic)			Complex numbers	Menu [ELEC.1]F3	Convert to or from Complex number (2.0-2.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
COMPLEX	COMPLEX	Complex number	Function (dyadic)			Complex numbers	Keyboard f[ENTER]	Convert to or from Complex number (2.0-2.5) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
COMPLEX	COMPLEX	Complex number	Function (dyadic)			Complex numbers	Keyboard longpress [ENTER]	Convert to or from Complex number (2.0-2.5) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Config	RCLCFG	Recall config	Command (TAM)			Trailing input	Menu [TamRcl.1] fF1	Presented in menu TamRcl to recall config from register or variable (Shortcut : [RCL] - Config ; TAM : RCLCFG __ TamRcl menu ; Info : displays "Configuration data" in the stack) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamRcl_page_1.pdf
Config	STOCFG	Store config	Command (TAM)			Trailing input	Menu [TamSto.1] fF1	Presented in menu TamSto to store config in register or variable (Shortcut : [STO] - Config ; TAM : STOCFG __ TamSto menu ; Info : displays "Configuration data" in the stack) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamSto_page_1.pdf
Config?	Config?	Config?	Command (logical)			Programming	Menu [TEST.2] gF6	Test type of X is Config (9) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TEST_page_2.pdf
[CONFIGS]	CONFIGS	Config variables	MENU			Catalog	Menu [VARS.1] fF1	Auto-generated catalog of variables of the specified datatype : Config (9) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_VARS_page_1.pdf
[CONFIGS]	CONFIGS	Config variables	MENU			Catalog	Catalog CAT.MENUS CONFIGS	Auto-generated catalog of variables of the specified datatype : Config (9) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CONFIGS_page_1.pdf
conj	CONJ	Complex conjugate	Function (monadic)			Complex numbers	Menu [CPX.1] F3	Complex conjugate Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CPX_page_1.pdf
CONJ	CONJ	Complex conjugate	Function (monadic)			Complex numbers	Menu [FCNS.1] gF1	Complex conjugate Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_1.pdf
[CONV]	CONV	Unit conversions	MENU		<no annunciator>	Unit conversions	Keyboard f [2]	Unit conversions (Info : Flag CONV _u may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\leftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN024_CN7_R47_IM_Assigning_custom_conversion_pairs.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
[CONV]	CONV	Unit conversions	MENU		<no annunciator>	Unit conversions	Catalog CAT.MENUS CONV	Unit conversions (Info : Flag CONV _u may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\leftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN024_CN7_R47_IM_Assigning_custom_conversion_pairs.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CONV_page_1.pdf
CONVG?	CONVG?	Convergence?	Command (logical)			Programming	Menu [TEST.1] gF6	Test convergence of X and Y using binary coded parameter for comparison mode and special numbers ; tolerance is derived from setting SDIGS (TAM : CONV0? __ TamNonReg menu ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_CONVG_param.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TEST_page_1.pdf
CONV _{HP}	--	Classic (HP) conversions	Flag	SET	<no annunciator>	Unit conversions	Menu [SYS.FL.1] gF1 (Also) reached from MENU (item, nonpgm) CFLG	SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\leftrightarrow$ <from> unit conversion buttons Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_1.pdf
CONV _{HP}	--	Classic (HP) conversions	Flag	SET	<no annunciator>	Unit conversions	Menu [CFLG (SYS.FL).1] gF1	SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\leftrightarrow$ <from> unit conversion buttons Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFLG_page_1.pdf
CONV _{US}	--	US or UK units	Flag	CLEAR	<no annunciator>	Unit conversions	Menu [SYS.FL.1] gF2 (Also) reached from MENU (item, nonpgm) CFLG	SET for US unit preference ; CLEAR for UK unit preference Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_1.pdf
CONV _{US}	--	US or UK units	Flag	CLEAR	<no annunciator>	Unit conversions	Menu [CFLG (SYS.FL).1] gF2	SET for US unit preference ; CLEAR for UK unit preference Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFLG_page_1.pdf
COS	COS	Cosine	Function (monadic)			Trigonometry	Keyboard f [8]	Cosine Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
COS	COS	Cosine	Function (monadic)			Trigonometry	Menu [TRG...1] F5	Cosine Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TRG_MORE_page_1.pdf
COS	COS	Cosine	Function (monadic)			Trigonometry	Menu [FCNS.1] gF2	Cosine Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_1.pdf
COS	COS	Cosine	Function (monadic)			Trigonometry	Menu [NEW (EQ_EDIT).2] F2	Cosine Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_NEW_page_2.pdf
COS	COS	Cosine	Function (monadic)			Trigonometry	Menu [EDIT (EQ_EDIT).2] F2	Cosine Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDIT_EQN_page_2.pdf
COS	--	Cosine	Symbol			Trigonometry and characters	See description	Cosine (Shortcut : <none>)
cosh	cosh	Hyperbolic cosine	Function (monadic)			Mathematics	Menu [EXP.1] gF2	Hyperbolic cosine Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EXP_page_1.pdf
cosh	cosh	Hyperbolic cosine	Function (monadic)			Mathematics	Menu [TRG...1] gF2	Hyperbolic cosine Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TRG_MORE_page_1.pdf
cosh	cosh	Hyperbolic cosine	Function (monadic)			Mathematics	Menu [FCNS.1] gF3	Hyperbolic cosine Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_1.pdf
cov	COV	Fit model covariance	Command			Plotting and curve fitting	Menu [REGR.1] F4	Fit model covariance Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_REGR_page_1.pdf
cp/a	CPER/a	TVM compounding periods	Variable (real)	12		Financial	Menu [TVM.1] fF6	Reserved Real variable for the TVM compounding periods per annum (cp/a) ; displays as c _a or c in menu TVM when value $\neq 8$ (TI : CPER/a = Compounding periods p.a. =) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TVM_page_1.pdf
cp/a	--	TVM compounding periods	EasyAccess (TAM)	12		Trailing input	Menu [TamRclTVM.1] fF6	Easy access to variable CPER/a to recall TVM compounding periods (RCL 'CPER/a') (TI : 'CPER/a') Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamRclTVM_page_1.pdf
cp/a	--	TVM compounding periods	EasyAccess (TAM)	12		Trailing input	Menu [TamStoTVM.1] fF6	Easy access to variable CPER/a to store TVM compounding periods (STO 'CPER/a') (TI : 'CPER/a') Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamStoTVM_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
CPER/a	CPER/a	TVM compounding periods	Variable (real)	12		Financial	Menu [ALL.1]F2 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the TVM compounding periods per annum (cp/a) ; displays as c_a or c in menu TVM when value $\neq 0$ (T1 : CPER/a = Compounding periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
CPER/a	CPER/a	TVM compounding periods	Variable (real)	12		Financial	Menu [VAR (ALL.1)F2	Reserved Real variable for the TVM compounding periods per annum (cp/a) ; displays as c_a or c in menu TVM when value $\neq 0$ (T1 : CPER/a = Compounding periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
CPER/a	CPER/a	TVM compounding periods	Variable (real)	12		Financial	Menu [REALS.1]F2	Reserved Real variable for the TVM compounding periods per annum (cp/a) ; displays as c_a or c in menu TVM when value $\neq 0$ (T1 : CPER/a = Compounding periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
CPER/a	CPER/a	TVM compounding periods	Variable (real)	12		Financial	Menu [NUMBRS.1]F2	Reserved Real variable for the TVM compounding periods per annum (cp/a) ; displays as c_a or c in menu TVM when value $\neq 0$ (T1 : CPER/a = Compounding periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
[CPX]	CPX	Complex functions	MENU			Complex numbers	Menu [BLUE47.1]F2	Complex functions (Ref : https://n7calc.com/doc/Application%20Notes/AN0001_C47_R47_JM_Complex_number_engineering_example.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE47_page_1.pdf
[CPX]	CPX	Complex functions	MENU			Complex numbers	Keyboard g[ENTER]	Complex functions (Ref : https://n7calc.com/doc/Application%20Notes/AN0001_C47_R47_JM_Complex_number_engineering_example.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
[CPX]	CPX	Complex functions	MENU			Complex numbers	Menu [MyM.2]F2	Complex functions (Ref : https://n7calc.com/doc/Application%20Notes/AN0001_C47_R47_JM_Complex_number_engineering_example.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_2.pdf
[CPX]	CPX	Complex functions	MENU			Complex numbers	Catalog CAT.MENU CPX	Complex functions (Ref : https://n7calc.com/doc/Application%20Notes/AN0001_C47_R47_JM_Complex_number_engineering_example.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
[CPX]	CPX	Complex functions	MENU			Complex numbers	Keyboard longerpress [ENTER]	Complex functions (Ref : https://n7calc.com/doc/Application%20Notes/AN0001_C47_R47_JM_Complex_number_engineering_example.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
CPX i	CPX i	Imaginary i	Setting (pgm)	ON	<no annunciator>	Complex numbers	Menu [DISP.2]fF1	Switch on displaying i as the imaginary number (Info : i or j displayed in stack and on soft buttons) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
CPX j	CPX j	Imaginary j	Setting (pgm)	OFF	<no annunciator>	Complex numbers	Menu [DISP.2]fF2	Switch on displaying j as the imaginary number (Info : i or j displayed in stack and on soft buttons) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
CPX j	--	Complex j	Flag	CLEAR	<no annunciator>	Complex numbers	Menu [SYS.FL.1]gF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying j as the imaginary number ; CLEAR for displaying i as the imaginary number (Info : i or j displayed in stack and on soft buttons) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
CPX j	--	Complex j	Flag	CLEAR	<no annunciator>	Complex numbers	Menu [CFL6 (SYS.FL.1)]gF3	SET for displaying j as the imaginary number ; CLEAR for displaying i as the imaginary number (Info : i or j displayed in stack and on soft buttons) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
CPXmul	CPXmul	Complex multiplier	Setting	OFF	<no annunciator>	Complex numbers	Menu [DISP.2]fF4	Switch on displaying Complex multiplier ; not programmable - in PEM, use flag CPXmul (Info : If OFF, trailing i or j is used ; complex multiplier is set by MULTx) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
CPXmul	--	Complex multiplier	Flag	CLEAR	<no annunciator>	Complex numbers	Menu [SYS.FL.1]gF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying Complex multiplier ; CLEAR for not displaying Complex multiplier (Info : If CLEAR, trailing i or j is used ; complex multiplier is set by MULTx) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
CPXmul	--	Complex multiplier	Flag	CLEAR	<no annunciator>	Complex numbers	Menu [CFL6 (SYS.FL.1)]gF4	SET for displaying Complex multiplier ; CLEAR for not displaying Complex multiplier (Info : If CLEAR, trailing i or j is used ; complex multiplier is set by MULTx) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf
CPXRES	CPXRES	Complex results	Setting	ON	$\mathbb{C}$; R	Complex numbers	Menu [MODE.2]F3	Switch on Complex results ; not programmable - in PEM, use flag CPXRES (Info : CPXRES is auto-set when entering complex input ; SBI $\mathbb{C}$; R is shown if flag SBr is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_2.pdf
CPXRES	CPXRES	Complex results	Setting	ON	$\mathbb{C}$; R	Complex numbers	Menu [PREF.2]F3	Switch on Complex results ; not programmable - in PEM, use flag CPXRES (Info : CPXRES is auto-set when entering complex input ; SBI $\mathbb{C}$; R is shown if flag SBr is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_2.pdf
CPXRES	--	Complex results	Flag	SET	$\mathbb{C}$; R	Complex numbers	Menu [SYS.FL.1]gF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for Complex results ; CLEAR for Real results only (Info : CPXRES is auto-set when entering complex input ; SBI $\mathbb{C}$; R is shown if flag SBr is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
CPXRES	--	Complex results	Flag	SET	$\mathbb{C}$; R	Complex numbers	Menu [CFL6 (SYS.FL.1)]gF5	SET for Complex results ; CLEAR for Real results only (Info : CPXRES is auto-set when entering complex input ; SBI $\mathbb{C}$; R is shown if flag SBr is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[CPXS]	CPXS	Complex variables	MENU			Catalog	Menu [VARS.1] F2	Auto-generated catalog of variables of the specified datatype : Complex number (2.0-2.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VARS_page_1.pdf
[CPXS]	CPXS	Complex variables	MENU			Catalog	Catalog CAT.MENUS CPXS	Auto-generated catalog of variables of the specified datatype : Complex number (2.0-2.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPXS_page_1.pdf
cpxSiv	cpxSiv	Complex solver (variable limits)	Command (nonpgm)		<no annunciator>	Solver	Menu [ToolS.1] F3	Solve the algebraic expression (= 0) entered in the equation editor for complex roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; solver estimates set from variables (dEst, tEst) (Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy = ; <var>prev = ; <var> = (optionally: conjugates) ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Solver_Result_Codes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSiv_page_1.pdf
cpxSiv ^x _y	cpxSiv ^x _y	Complex solver (stack limits)	Command (nonpgm)		<no annunciator>	Solver	Menu [ToolS.1] F2	Solve the algebraic expression (= 0) entered in the equation editor for complex roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; solver estimates set from stack (Y, X) (Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy = ; <var>prev = ; <var> = (optionally: conjugates) ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Solver_Result_Codes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSiv_page_1.pdf
CROSS	CROSS	Cross product (x)	Function (dyadic)			Complex numbers	Menu [CPX.1] fF6	Cross product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
CROSS	CROSS	Cross product (x)	Function (dyadic)			Complex numbers	Menu [MATX.2] fF6	Cross product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_2.pdf
CROSS	CROSS	Cross product (x)	Function (dyadic)			Complex numbers	Menu [VECTOR.1] fF6	Cross product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_1.pdf
CROSS	CROSS	Cross product (x)	Function (dyadic)			Complex numbers	Menu [VECTOR.2] fF6	Cross product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_2.pdf
CROSS	--	Cross markers	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ^x (PLFUNC).3] F1	Switch on cross markers ; not programmable - in PEM, use flag PLcros (Info : If CROSS is switched ON, BOX and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_3.pdf
CROSS	--	Cross markers	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).3] F1	Switch on cross markers ; not programmable - in PEM, use flag PLcros (Info : If CROSS is switched ON, BOX and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_3.pdf
CROSS	--	Cross markers	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.2] F1	Switch on cross markers ; not programmable - in PEM, use flag PLcros (Info : If CROSS is switched ON, BOX and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_2.pdf
CROSS	--	Cross markers	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFENS (PLFUNC).3] F1	Switch on cross markers ; not programmable - in PEM, use flag PLcros (Info : If CROSS is switched ON, BOX and PLUS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFENS_page_3.pdf
CSUM	CSUM	Column sum	Command			Matrix operations	Menu [MATX.2] F4	Column sum of vector or matrix in X : CSUM = Σa _{ij} Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_2.pdf
cûn→m	--	cûn to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.2] fF5	Convert cûn to metre (TI : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
CUP _{UK} →fioz _{UK}	--	CUP _{UK} to fioz _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.1] fF6	Convert UK imperial cup to UK fluid ounce (TI : fioz _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
CUP _{UK} →mℓ	--	CUP _{UK} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.1] F6	Convert UK imperial cup to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
CUP _{US} →fioz _{US}	--	CUP _{US} to fioz _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.2] fF6	Convert US customary cup to US fluid ounce (TI : fioz _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
CUP _{US} →mℓ	--	CUP _{US} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.2] F6	Convert US customary cup to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
CURVE	--	[future]-Curve-smoothing	Setting-(strike)	OFF	<no-annunciator>	Plotting	Menu-[Draw ^x -(PLFUNC).3]gF1	Switch-on-[future]-curve-smoothing ; not-programmable—in-PEM; use-flag-PLcurve-(Info : Reserved-for-future-use). Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_3.pdf
CURVE	--	[future]-Curve-smoothing	Setting-(strike)	OFF	<no-annunciator>	Plotting	Menu-[Draw-(PLFUNC).3]gF1	Switch-on-[future]-curve-smoothing ; not-programmable—in-PEM; use-flag-PLcurve-(Info : Reserved-for-future-use). Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_3.pdf
CURVE	--	[future]-Curve-smoothing	Setting-(strike)	OFF	<no-annunciator>	Plotting	Menu-[PLSTAT.2]gF1	Switch-on-[future]-curve-smoothing ; not-programmable—in-PEM; use-flag-PLcurve-(Info : Reserved-for-future-use). Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_2.pdf
CURVE	--	[future]-Curve-smoothing	Setting-(strike)	OFF	<no-annunciator>	Plotting	Menu-[PLTFENS-(PLFUNC).3]gF1	Switch-on-[future]-curve-smoothing ; not-programmable—in-PEM; use-flag-PLcurve-(Info : Reserved-for-future-use). Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFENS_page_3.pdf
cwt→kg	--	cwt to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] F3	Convert hundredweight to kilogram (TI : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
CXPLT	--	Complex plot	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ^x (PLFUNC).2] fF1	Switch on Complex plot ; not programmable - in PEM, use flag PLcxp (Info : CXPLT and IMPLT are linked (both cannot be ON at the same time) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_2.pdf
CXPLT	--	Complex plot	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).2] fF1	Switch on Complex plot ; not programmable - in PEM, use flag PLcxp (Info : CXPLT and IMPLT are linked (both cannot be ON at the same time) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
CXPLT	--	Complex plot	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCNS (PLFUNG).2] fF1	Switch on Complex plot ; not programmable - in PEM, use flag PLcxp (Info : CXPLT and IMPLT are linked (both cannot be ON at the same time) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_PLTFCNS_page_2.pdf
D	--	D	Character			Numeric input and characters	Menu [BASE.2] F4	Character D (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BASE_page_2.pdf
D	--	D	Character			Numeric input and characters	Menu [INTS.1] F4	Digit D (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_INTS_page_1.pdf
D	--	D	Character			Numeric input and characters	Keyboard alphaSIM [d]	Character D (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
D	--	D	Character			Numeric input and characters	Menu [BITSET.1] F4	Character D (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BITSET_page_1.pdf
D	--	D	Character			Numeric input and characters	Menu [BASE2.1] F4	Character D (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BASE2_page_1.pdf
D	--	D	Character			Numeric input and characters	Menu [BASE2.2] F4	Character D (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BASE2_page_2.pdf
D	--	D	Character			Numeric input and characters	Keyboard alpha [y*]	Character D (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
d	--	d	Character			Characters	Keyboard alpha f [y*]	Character d (Fontcode : 0B4 ₁₆) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
D	--	Register D	EasyAccess (TAM)			Trailing input	Menu [REG.1] fF6	Easy access to Register D (107) : Stack level 8 (Shortcut : STO/RCL {D} ; TI : D) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_REG_page_1.pdf
{D}	--	Register D	EasyAccess (TAM)			Trailing input	Keyboard TAM [y*]	Easy access to Register D (107) : Stack level 8 (Shortcut : STO/RCL {D} ; TI : D) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
d	--	Local label d	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] fF4	Easy access to local label d Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TamLabel_page_1.pdf
D	--	Local label D	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] F4	Easy access to local label D (Shortcut : LBL {D}) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TamLabel_page_1.pdf
D	--	Register D	Register (lettered)			Lettered registers	See description	Register D (107) : Stack level 8 (Info : Reached using stack or from STO/RCL [REG.1] fF6 or STO/RCL {D})
D	--	Flag D	EasyAccess (TAM)			Trailing input	Menu [FLG.1] fF6	Easy access to Flag D (107) (Shortcut : FF {D}) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_FLG_page_1.pdf
D	--	Flag D	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag D (107) (Info : Reached from FF [FLG.1] fF6 or FF {D})
D	--	Date	Character			Characters	Menu [αMisc.3] fF1	Special character D (Fontcode : 214 ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaMisc_page_3.pdf
D	--	Subscript D	Character			Characters	See description	Character α (Fontcode : 24D3 ₁₆)
D	--	Superscript D	Character			Characters	See description	Character P (Fontcode : 24B9 ₁₆)
d'	--	d apostrophe	Character			Characters	Menu [αintl.1] gF2	International character d' (Fontcode : 810F ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaintl-lower_page_1.pdf
Đ	--	D caron	Character			Characters	Menu [αINTL.1] gF2	International character Đ (Fontcode : 810E ₁₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL_page_1.pdf
Đ	--	D stroke	Character			Characters	Menu [αINTL.1] gF3	International character Đ (Fontcode : 8110 ₁₆ ; Info : press [4] for đ at [αintl.1] gF3) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL_page_1.pdf
đ	--	d stroke	Character			Characters	Menu [αintl.1] gF3	International character đ (Fontcode : 8111 ₁₆ ; Info : press [4] for Đ at [αINTL.1] gF3) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaintl-lower_page_1.pdf
Đ	--	ETH	Character			Characters	See description	Character Đ (Fontcode : 0B0B ₁₆)
đ	--	eth	Character			Characters	See description	Character đ (Fontcode : 0B0B ₁₆)
D?	D?	Date?	Command (logical)			Programming	Menu [TEST.2] F5	Test type of X is Date (Y) (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Datatypes.pdf) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TEST_page_2.pdf
D.MS	D.MS O	Set ADM to D.MS	Setting (pgm)	OFF	"	Angle tagging or conversion	Menu [TRG.1] gF4	Set Angular Display Mode to sexagesimal degrees mode (ADM = 1) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TRG_page_1.pdf
D.MS	D.MS O	Set ADM to D.MS	Setting (pgm)	OFF	"	Angle tagging or conversion	Menu [TRG_RN7.1] F4	Set Angular Display Mode to sexagesimal degrees mode (ADM = 1) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TRG_RN7_page_1.pdf
D→J	D→J	Date to Julian day number	Function (monadic)			Time functions	Menu [CLK.1] F2 (Also) reached from MENU (item) DTSET	Convert date to Julian day number (JDN) (Info : Years are astronomical, 0 equals 1 BCE ; JDN .0 equals noon) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_CLK_page_1.pdf
D→x	D→x	Date to X	Function (monadic)			Time functions	Menu [CLK.1] fF2 (Also) reached from MENU (item) DTSET	Convert date to date input number according to CLK date format settings DD.MM.YYYY, MM/DD/YYYY or YYYY-MM-DD ; implied conversion set by YT does not apply (TI : yyyy.mmds) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_CLK_page_1.pdf
D→zyx	D→zyx	Decompose date	Function (monadic)			Time functions	Menu [CLK.1] fF1 (Also) reached from MENU (item) DTSET	Decompose date to Z, Y, X according to CLK settings for date format Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_CLK_page_1.pdf
Date→D	Date→D	Date	Command			Time functions	Menu [CLK.1] F1 (Also) reached from MENU (item) DTSET	Current date (TI : Weekday (shown for dates in X, Y, Z)) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_CLK_page_1.pdf
Date→D	Date→D	Date	Command			Time functions	Menu [CLK.2] gF1 (Also) reached from MENU (item) DTSET	Current date (TI : Weekday (shown for dates in X, Y, Z)) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_CLK_page_2.pdf
Date→D	Date→D	Date	Command			Time functions	Menu [DTSET (CLK).1] gF1	Current date (TI : Weekday (shown for dates in X, Y, Z)) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_DTSET_page_1.pdf
[DATES]	DATES	Date variables	MENU			Catalog	Menu [VARS.1] fF3	Auto-generated catalog of variables of the specified datatype : Date (Y) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_VARS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[DATES]	DATES	Date variables	MENU			Catalog	Catalog CAT.MENUS DATES	Auto-generated catalog of variables of the specified datatype : Date (N) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DATES_page_1.pdf
DAY	DAY	Day	Function (monadic)			Time functions	Menu [CLK.2] fF4 (Also) reached from MENU (item) DTSET	Day (of date in X) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_CLK_page_2.pdf
DAY	DAY	Day	Function (monadic)			Time functions	Menu [DTSET (CLK).1] fF4	Day (of date in X) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DTSET_page_1.pdf
dB→fld	--	dB to fld	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [Misc.1] F6	Convert decibel to field ratio (TI : fld) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_Misc_page_1.pdf
dB→pwr	--	dB to pwr	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [Misc.1] fF6	Convert decibel to power ratio (TI : pwr) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_Misc_page_1.pdf
dBASE	dBAS ₀	Base number display	Setting (pgm)	0	<no annunciator>	Number bases	Menu [DISP.2] F5	Display long integer in X as base number in the T-line (base 2-62) ; exit by entering dBASE 0 (TAM : dBASE ... TamMonReg menu ; Split screen : Displaying X_T <value> _{base} ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Base_digits.pdf) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DISP_page_2.pdf
DBL÷	DBL÷	Double divide	Function (triadic)			Integers	Menu [INTS.1] gF1	Double word length divide ; (Z - least, Y - most significant digits) / (X) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_INTS_page_1.pdf
DBL×	DBL×	Double multiply	Function (dyadic)			Integers	Menu [INTS.1] gF3	Double word length multiply (result in Y - least and X - most significant digit) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_INTS_page_1.pdf
DBLR	DBLR	Double remainder	Function (triadic)			Integers	Menu [INTS.1] gF2	Double word length remainder Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_INTS_page_1.pdf
DEC	DEC	Decimal (short integer)	Setting (pgm)	OFF	#BASE ; #KEYA- _r	Number bases	Menu [BASE.1] F2	Convert X to decimal (short integer) and toggle decimal (short integer) mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA- _r is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : #TAM [y*] (D) ; Info : values are displayed with subscript ₁₀) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_BASE_page_1.pdf
DEC	DEC	Decimal (short integer)	Setting (pgm)	OFF	#BASE ; #KEYA- _r	Number bases	Menu [BASE2.1] gF5	Convert X to decimal (short integer) and toggle decimal (short integer) mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA- _r is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : #TAM [y*] (D) ; Info : values are displayed with subscript ₁₀) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_BASE2_page_1.pdf
DEC	DEC	Decimal (short integer)	Setting (pgm)	OFF	#BASE ; #KEYA- _r	Number bases	Keyboard #TAM [y*]	Convert X to decimal (short integer) and toggle decimal (short integer) mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA- _r is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : #TAM [y*] (D) ; Info : values are displayed with subscript ₁₀) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
DEC	DEC	Decimal (short integer)	Setting (pgm)	OFF	#BASE ; #KEYA- _r	Number bases	Keyboard #TAM [ENTER]	Convert X to decimal (short integer) and toggle decimal (short integer) mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA- _r is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : #TAM [ENTER] ; Info : values are displayed with subscript ₁₀) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
DECOMP	DECOMP	Decompose	Function (monadic)			Reals	Menu [REAL.1] F6	Convert (improper) real number fraction in X to nominator in Y, denominator in X (Info : Honours settings DENANY, DENFIX and DMX) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_REAL_page_1.pdf
DECR	DECR	Decrement	Command			Programming	Menu [LOOP.1] fF1	Decrement range number in register or variable (ccc.fffdd, where ccc is counter, fff is final value, dd is decrement), by decrement (TAM : DECR ... Tam menu) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_LOOP_page_1.pdf
DEFLT	S.DFLT ◊	Default regional formatting	Setting (pgm)	ON	<no annunciator>	Display	Menu [DISP.3] fF6	Set to default regional formats (date, time, calendar, number formatting) (TI : First Gregorian day set: 1752-09-14 ; Week of year rule set: Monday,Thursday) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DISP_page_3.pdf
DEG	DEG ◉	Set ADM to DEG	Setting (pgm)	ON	*	Angle tagging or conversion	Menu [ELEC.1] gF1	Set Angular Display Mode to degrees mode (ADM = 0) (Info : SBI * is shown if flag SBadm is SET ; SBI ₄ is shown if flag SBang and SBadm is SET) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_ELEC_page_1.pdf
DEG	DEG ◉	Set ADM to DEG	Setting (pgm)	ON	*	Angle tagging or conversion	Menu [MODE.1] F1	Set Angular Display Mode to degrees mode (ADM = 0) (Info : SBI * is shown if flag SBadm is SET ; SBI ₄ is shown if flag SBang and SBadm is SET) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_MODE_page_1.pdf
DEG	DEG ◉	Set ADM to DEG	Setting (pgm)	ON	*	Angle tagging or conversion	Menu [TRG.1] gF1	Set Angular Display Mode to degrees mode (ADM = 0) (Info : SBI * is shown if flag SBadm is SET ; SBI ₄ is shown if flag SBang and SBadm is SET) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_TRG_page_1.pdf
DEG	DEG ◉	Set ADM to DEG	Setting (pgm)	ON	*	Angle tagging or conversion	Menu [TRG_R47.1] F1	Set Angular Display Mode to degrees mode (ADM = 0) (Info : SBI * is shown if flag SBadm is SET ; SBI ₄ is shown if flag SBang and SBadm is SET) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_TRG_R47_page_1.pdf
DEG	DEG ◉	Set ADM to DEG	Setting (pgm)	ON	*	Angle tagging or conversion	Menu [XFENS.1] fF1	Set Angular Display Mode to degrees mode (ADM = 0) (Info : SBI * is shown if flag SBadm is SET ; SBI ₄ is shown if flag SBang and SBadm is SET) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_XFENS_page_1.pdf
deg/s→rad/s	--	deg/s to rad/s	Function (monadic, linked)		<no annunciator>	Angular/Speed conversions	Menu [Angle.1] fF5	Convert degree per second to radian per second (TI : rad/s) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_Angle_page_1.pdf
deg/s→RPM	--	deg/s to RPM	Function (monadic, linked)		<no annunciator>	Angular/Speed conversions	Menu [Angle.1] fF2	Convert degree per second to rotation per minute (TI : RPM) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_Angle_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
deg→grad	--	deg to grad	Function (monadic, linked)		<no annunciator>	Angle conversions	Menu [Angle.1] F3	Convert degree to gradian (untagged) (TI : grad); Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
deg→rad	--	deg to rad	Function (monadic, linked)		<no annunciator>	Angle conversions	Menu [Angle.1] F1	Convert degree to radian (untagged) (TI : rad); Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
DElall	DElall	Delete all	Command			Cleanup	Menu [DELETE.1] F1	Delete all user created programs, user menus, user variables and their assignments ; clear all keyboard user assignments ; reset user configurable menus to defaults (YESNO : Delete all? ; TI : All user menus deleted ; All data, programs and definitions cleared) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
DElBkup	DElBkup	Delete Backup	Command			Cleanup	Menu [DELETE.1] F6	Delete configuration backup file (LOAD, SAVE) (YESNO : Delete both backup files?) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
DELC	M.DELC	Delete column	Command			Matrix operations	Menu [M_EDIT.1] gF2 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Delete column from matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
DELC	M.DELC	Delete column	Command			Matrix operations	Menu [EDITN (M_EDIT).1] gF2	Delete column from matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
DELC	M.DELC	Delete column	Command			Matrix operations	Menu [EDIT (M_EDIT).1] gF2	Delete column from matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
DELETE	EQ.DEL	Delete	Command			Cleanup	Menu [EQN.1] fF1	Delete equation Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EQN_page_1.pdf
[DELETE]	DELETE	Delete	MENU			Cleanup	Menu [CLR.1] gF6	Commands for clearing and deleting (user) menus, variables, programs and backup files (Info : User menus can be defined using ASSIGN) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLR_page_1.pdf
[DELETE]	DELETE	Delete	MENU			Cleanup	Catalog CAT.MENUS DELETE	Commands for clearing and deleting (user) menus, variables, programs and backup files (Info : User menus can be defined using ASSIGN) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
[DELITM]	DELITM	Delete items	MENU (item)			Cleanup	Menu [DELETE.1] gF6	Delete user defined items (and their assignments), selected from category (programs - will also remove all assignments of the global labels in the program ; variables ; user defined menus) (Trailing : DELITM_menu DELITM ; Info : User menus can be defined using ASSIGN) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
DElMall	DElMall	Delete all menus	Command			Cleanup	Menu [DELETE.1] F2	Delete all user defined menus and their assignments (YESNO : Delete all user menus? ; TI : All user menus deleted) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
DELP	DELP	Delete (current) program	Command			Cleanup	Menu [DELETE.1] F5	Delete current program and remove all assignments of the global labels in the program (careful!) (TAM : DELP _ Tam.b10nly menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
DElPall	DElPall	Delete all programs	Command			Cleanup	Menu [DELETE.1] F4	Delete all user created programs and remove all assignments of all global labels used in the programs (YESNO : Delete all programs? ; TI : All user programs deleted) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
DELR	M.DELR	Delete row	Command			Matrix operations	Menu [M_EDIT.1] gF1 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Delete row from matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
DELR	M.DELR	Delete row	Command			Matrix operations	Menu [EDITN (M_EDIT).1] gF1	Delete row from matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
DELR	M.DELR	Delete row	Command			Matrix operations	Menu [EDIT (M_EDIT).1] gF1	Delete row from matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
DElVall	DElVall	Delete all variables	Command			Cleanup	Menu [DELETE.1] F3	Delete all user variables and their assignments ; clear matrices HISTO, STATS, Mat A, Mat B, Mat X (YESNO : Delete all user variables? ; TI : All user variables deleted) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELETE_page_1.pdf
DENANY	DENANY ☐	Denominator any	Setting	OFF	[**]	Fractions	Menu [DISP.1] fF5	Switch on any denominator (up to value set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fF5 (DMXX)) in fraction display mode ; not programmable - in PEM, use flag DENANY (Info : DENANY and DENFIX are linked (both cannot be ON at the same time ; SBI [*+]) is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
DENANY	--	Denominator any	Flag	CLEAR	[**]	Fractions	Menu [SYS.FL.1] gF6 (Also) reached from MENU (item, nonpgm) CFLG	SET for any denominator (up to value set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fF5 (DMXX)) in fraction display mode ; CLEAR for fixed denominator in fraction display mode (Info : DENANY and DENFIX are linked (both cannot be SET at the same time) ; SBI [*+]) is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_1.pdf
DENANY	--	Denominator any	Flag	CLEAR	[**]	Fractions	Menu [CFLG (SYS.FL).1] gF6	SET for any denominator (up to value set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fF5 (DMXX)) in fraction display mode ; CLEAR for fixed denominator in fraction display mode (Info : DENANY and DENFIX are linked (both cannot be SET at the same time) ; SBI [*+]) is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_1.pdf
DENFIX	DENFIX ☐	Denominator fixed	Setting	OFF	[+]	Fractions	Menu [DISP.1] fF6	Switch on fixed denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fF5 (DMXX)) in fraction display mode ; not programmable - in PEM, use flag DENFIX (Info : DENFIX and DENANY are linked (both cannot be ON at the same time) ; SBI [+]) is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
DENFIX	--	Denominator fixed	Flag	CLEAR	[+f]	Fractions	Menu [SYS.FL.2]F1 (Also) reached from MENU (item, nonpgm) CFLG	SET for fixed denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fFS (DMXX)) in fraction display mode; CLEAR for any denominator in fraction display mode (Info : DENFIX and DENANY are linked (both cannot be SET at the same time) ; SBI [+f] is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_2.pdf
DENFIX	--	Denominator fixed	Flag	CLEAR	[+f]	Fractions	Menu [CFLG (SYS.FL).2]F1	SET for fixed denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fFS (DMXX)) in fraction display mode; CLEAR for any denominator in fraction display mode (Info : DENFIX and DENANY are linked (both cannot be SET at the same time) ; SBI [+f] is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_2.pdf
[DEV]	--	Developer menu	MENU (hidden)			Developer	See description	Developer menu
DF	Df ₀	Set real number display format	Command	0		Reals	Menu [INFO.3] fF3	Set real number display format to X ; also set interactively from menu MLoads: (formats FIX ; SCI ; ENG ; UNIT ; SIG ; ALL) (Info : FIX : 1 ; SCI : 2 ; ENG : 3 ; UNIT : 5 ; SIG : 4 ; ALL : 0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_3.pdf
DF#	DF#	Get real number display format	Command	0		Reals	Menu [INFO.3] F3	Get real number display format ; set interactively from menu MLoads: (formats FIX ; SCI ; ENG ; UNIT ; SIG ; ALL) and by DF (Info : FIX : 1 ; SCI : 2 ; ENG : 3 ; UNIT : 5 ; SIG : 4 ; ALL : 0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_3.pdf
DIM	M.DIM	Dimension (flow)	Function (monadic)			Matrix operations	Menu [MATX.1] fF2	Set dimension of matrix (named register or variable) to Y rows and X columns ; reflows elements by row and cuts off excess elements or pads with zero elements ; creates a new matrix if necessary (TAM : M.DIM _ _ _ Tam menu ; Info : also see function DIMgr) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
DIMgr	M.DIMgr	Dimension (grow)	Function (monadic)			Matrix operations	Menu [MATX.1] fF3	Set dimension of matrix (named register or variable) to Y rows and X columns ; cuts off rows and columns or pads with zero element rows and columns ; creates a new matrix if necessary (TAM : M.DIMgr _ _ _ Tam menu ; Info : also see function DIM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
DIMN#	M.DIMN#	Matrix dimension? (named)	Command			Matrix operations	Menu [INFO.2] F2	Get dimensions of matrix in register or variable (TAM : M.DIMN# _ _ _ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_2.pdf
DIMN#	M.DIMN#	Matrix dimension? (named)	Command			Matrix operations	Menu [MATX.1] fF4	Get dimensions of matrix in register or variable (TAM : M.DIMN# _ _ _ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
DISK	DISK	Disk state	Command (HW)			System	Menu [INFO.1] fF3	Get DMPC status of the FAT disk ; hardware only (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_1.pdf
[DISP]	DISP	Display settings	MENU			Display	Catalog CAT.MENU DISP	Display settings (Info : On DISP page 3, special indicators are used : ◊ : all group settings comply, ◊ : ≥1 group settings differ ; Ref : https://n7calc.com/doc/Application%20Notes/AN0028_C47_R47_IM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
[DISP]	DISP	Display settings	MENU			Display	Keyboard f [CHS]	Display settings (Info : On DISP page 3, special indicators are used : ◊ : all group settings comply, ◊ : ≥1 group settings differ ; Ref : https://n7calc.com/doc/Application%20Notes/AN0028_C47_R47_IM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
[DISP]	DISP	Display settings	MENU			Display	Keyboard longpress [CHS]	Display settings (Info : On DISP page 3, special indicators are used : ◊ : all group settings comply, ◊ : ≥1 group settings differ ; Ref : https://n7calc.com/doc/Application%20Notes/AN0028_C47_R47_IM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
[DISTR]	DISTR	Distributions	MENU			Probability	Menu [PROB.1] F6	Probability distribution functions (Split screen : Displaying <register> = <parameter> = <value> for the probability distribution submenus ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Distr_param.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROB_page_1.pdf
[DISTR]	DISTR	Distributions	MENU			Probability	Catalog CAT.MENU DISTR	Probability distribution functions (Split screen : Displaying <register> = <parameter> = <value> for the probability distribution submenus ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Distr_param.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
DisU _p	DisU _p	Discrete uniform pmf	Function (monadic)			Probability (int)	Menu [DisUni.1] F1	Discrete uniform probability mass function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DisUni_page_1.pdf
DisU _Δ	DisU _Δ	Discrete uniform cdf (lower)	Function (monadic)			Probability (int)	Menu [DisUni.1] F3	Discrete uniform cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DisUni_page_1.pdf
DisU _Δ	DisU _Δ	Discrete uniform cdf (upper)	Function (monadic)			Probability (int)	Menu [DisUni.1] F4	Discrete uniform cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DisUni_page_1.pdf
[DisUni]	DisUni:	Discrete uniform distribution	MENU			Probability (int)	Menu [DISTR.1] gF2	Discrete uniform probability distribution (discrete) (TI : RegM = a = ; RegN = b =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[DisUni]	DisUni:	Discrete uniform distribution	MENU			Probability (int)	Catalog CAT.MENU DisUni:	Discrete uniform probability distribution (discrete) (TI : RegM = a = ; RegN = b =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DisUni_page_1.pdf
DisU ⁻¹	DisU ⁻¹	Discrete uniform qf (inverse)	Function (monadic)			Probability (int)	Menu [DisUni.1] F6	Discrete uniform inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DisUni_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
dLrgLI	dLrgLI ■	Large Long integers display	Setting	ON	<no annunciator>	Display	Menu [DISP.2] F1	Switch on (large) Long integers to always display in large text ; not programmable - in PEM, use flag dLrgLI (Info : dLrgLI is overruled by dZ.0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
dLrgLI	dLrgLI ■	Large Long integers display	Setting	ON	<no annunciator>	Display	Menu [XFCNS.3] gF1	Switch on (large) Long integers to always display in large text ; not programmable - in PEM, use flag dLrgLI (Info : dLrgLI is overruled by dZ.0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_3.pdf
dLrgLI	--	Large Long integers display	Flag	SET	<no annunciator>	Display	Menu [SYS.FL.2] F2 (Also) reached from MENU (item, nonpgm) CFL6	SET for (large) Long integers to always display in large text; CLEAR for (large) Long integers to display in small text (Info : dLrgLI is overruled by dZ.0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_2.pdf
dLrgLI	--	Large Long integers display	Flag	SET	<no annunciator>	Display	Menu [CFL6 (SYS.FL).2] F2	SET for (large) Long integers to always display in large text; CLEAR for (large) Long integers to display in small text (Info : dLrgLI is overruled by dZ.0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_2.pdf
DM42	--	DM42 layout	Layout	OFF		Customisation	See description	DM42 keyboard layout ; selecting this layout changes base keys and deletes all keyboard assignments (KEYS.R) (TI : DM42: Final compatibility layout ; this layout is supported for DM42 calculators without a bezel by menu BLUE47 ; the layout is kept even on RESET)
DMCP	DMCP	Access DMCP menu	Command (HW)			System	Menu [MODE.1] fF1	Access DMCP menu ; hardware only ; use EXIT to return without RESET -- see https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMCP_menu.pdf) [https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
DMCP	DMCP	Access DMCP menu	Command (HW)			System	Menu [MyML4] F1	Access DMCP menu ; hardware only ; use EXIT to return without RESET -- see https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMCP_menu.pdf) [https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_4.pdf
DMCP	DMCP	Access DMCP menu	Command (HW)			System	Menu [MyML8] F1	Access DMCP menu ; hardware only ; use EXIT to return without RESET -- see https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMCP_menu.pdf) [https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_3.pdf
DMCP	DMCP	Access DMCP menu	Command (HW)			System	Menu [PREF.1] F1	Access DMCP menu ; hardware only ; use EXIT to return without RESET -- see https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu (Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMCP_menu.pdf) [https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menu] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_1.pdf
DMX	DMX44	Set max denominator for fractions [TAM]	Setting (pgm)	64	/nnnn ; /max	Fractions	Menu [DISP.1] fFN	Set max denominator for fractions [TAM variant] ; maximum value of 32500 is set by button DMXmax on [TamNonRegMax.1] F2, stored as 0 and displayed as DMXmax (TAM : DMX _____ TamNonRegMax menu ; range is [2, 9999] or 0, indicating DMXmax = 32500 ; SBI is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
DMX#	DMX#	Get max denominator for fractions	Command	64	/nnnn ; /max	Fractions	Menu [INFO.3] F5	Get max denominator for fractions ; set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fF5 (DMX) (Info : Range is [2, 9999] or 0, indicating DMXmax = 32500 ; SBI is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_3.pdf
DMXmax	DMXmax	Set DMX to maximum	Command	64	/max	Trailing input	Menu [TamNonRegMax.1] F2	Set DMX to maximum value (32500, stored as 0) (Info : SBI /max is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamNonRegMax_page_1.pdf
DMXX	DMXX44	Set max denominator for fractions	Command	64	/nnnn ; /max	Fractions	Menu [INFO.3] fF5	Set max denominator for fractions to value in X ; maximum value of 32500 is set by value 0 in X, stored as 0 and displayed as DMX44 ; also set interactively from menu DISP (DMX TAM variant) (Info : Range is [2, 9999] or 0, indicating DMXmax = 32500 ; SBI is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_3.pdf
DMY	DMY ○	Day.month.year	Setting (pgm)	OFF	DD.MM.YYYY	Display	Menu [CLK.2] F4 (Also) reached from MENU (item) DTSET	Switch on DD.MM.YYYY display mode (Format : DD.MM.YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
DMY	DMY ○	Day.month.year	Setting (pgm)	OFF	DD.MM.YYYY	Display	Menu [DTSET (CLK).1] F4	Switch on DD.MM.YYYY display mode (Format : DD.MM.YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
DMY	--	Day.month.year	Flag (system)	CLEAR	DD.MM.YYYY	Display	Menu [SYS.FL.2] F3 (Also) reached from MENU (item, nonpgm) CFLG	SET for DD.MM.YYYY display mode; CLEAR for DD.MM.YYYY display mode inactive (Format : DD.MM.YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_2.pdf
DMY	--	Day.month.year	Flag (system)	CLEAR	DD.MM.YYYY	Display	Menu [CFLG (SYS.FL.)2] F3	SET for DD.MM.YYYY display mode; CLEAR for DD.MM.YYYY display mode inactive (Format : DD.MM.YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_2.pdf
dn(u,m)	dn(u,m)	Elliptic delta amplitude	Function (dyadic)			Mathematics	Menu [Ellipt.1] F3	Elliptic delta amplitude (Parameter : u = X ; m = Y ; Info : u is a Real number (1.0), not an Angle (1.1-1.5)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Ellipt_page_1.pdf
dot	DOT	Dot product (·)	Function (dyadic)			Complex numbers	Menu [CPX.1] fF5	Dot product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
dot	DOT	Dot product (·)	Function (dyadic)			Complex numbers	Menu [MATX.2] fF5	Dot product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_2.pdf
dot	DOT	Dot product (·)	Function (dyadic)			Complex numbers	Menu [VECTOR.1] fF5	Dot product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_1.pdf
dot	DOT	Dot product (·)	Function (dyadic)			Complex numbers	Menu [VECTOR.2] fF5	Dot product of vectors in X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_2.pdf
DOT·	IDOT· O	IP separator dot	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] F3 (Also) reached from MENU (item, nonpgm) IPART·	Set integer part separator to dot Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
DOT·	FDOT· O	FP separator dot	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] F3 (Also) reached from MENU (item, nonpgm) FPART·	Set fractional part separator to dot Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
DOT·	RDOT· O	Radix dot	Setting (pgm)	OFF	<no annunciator>	Display	Menu [RADIX.1] F3 (Also) reached from MENU (item, nonpgm) RADIX·	Radix decimal dot Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_RADIX_page_1.pdf
[Draw]	Draw	Draw (variable limits)	MENU (item)			Plotting	Menu [Graphs.1] F5	Draw graph for expression (or equation) entered in the equation editor ; X-axis limits set by variables (4X, 4Y) and Y-axis limits by variables (4Y, 4Y) (Info : In Program Entry Mode, use PAUSE, SNAP or PLTFCNS to view the plot ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS ; if an equation was entered (containing "="), the left hand side is plotted) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Graphs_page_1.pdf
[Draw _Y]	Draw _Y	Draw (stack limits)	MENU (item)			Plotting	Menu [Graphs.1] F6	Draw graph for expression (or equation) entered in the equation editor ; X-axis limits set from stack (Y, X) and Y-axis limits by variables (4Y, 4Y) (Info : In Program Entry Mode, use PAUSE, SNAP or PLTFCNS to view the plot ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS ; if an equation was entered (containing "="), the left hand side is plotted) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Graphs_page_1.pdf
[Draw _Y]	Draw _Y	Draw (stack limits)	MENU (item)			Plotting	Menu [f Graph.1] F6	Draw graph for expression (or equation) entered in the equation editor ; X-axis limits set from stack (Y, X) and Y-axis limits by variables (4Y, 4Y) (Info : In Program Entry Mode, use PAUSE, SNAP or PLTFCNS to view the plot ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS ; if an equation was entered (containing "="), the left hand side is plotted) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Graph_page_1.pdf
DRG	DRG	Degrees-radians-gradians	Function (monadic, cyclic, nonpgm)			Angle conversions	Menu [TRG.1] F6	Add ADM tag to untagged value in X, convert tagged value to degrees-radians-gradians (cyclic) (Info : Setting tag for complex X also sets POLAR mode for X according to ADM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_page_1.pdf
DRG	DRG	Degrees-radians-gradians	Function (monadic, cyclic, nonpgm)			Angle conversions	Menu [MyM.1] F1	Add ADM tag to untagged value in X, convert tagged value to degrees-radians-gradians (cyclic) (Info : Setting tag for complex X also sets POLAR mode for X according to ADM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
DRG	DRG	Degrees-radians-gradians	Function (monadic, cyclic, nonpgm)			Angle conversions	Menu [MyM.5] F1	Add ADM tag to untagged value in X, convert tagged value to degrees-radians-gradians (cyclic) (Info : Setting tag for complex X also sets POLAR mode for X according to ADM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_5.pdf
DRG	DRG	Degrees-radians-gradians	Function (monadic, cyclic, nonpgm)			Angle conversions	Menu [MyM.9] F1	Add ADM tag to untagged value in X, convert tagged value to degrees-radians-gradians (cyclic) (Info : Setting tag for complex X also sets POLAR mode for X according to ADM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_9.pdf
DRG	DRG	Degrees-radians-gradians	Function (monadic, cyclic, nonpgm)			Angle conversions	Keyboard [DRG]	Add ADM tag to untagged value in X, convert tagged value to degrees-radians-gradians (cyclic) (Info : Setting tag for complex X also sets POLAR mode for X according to ADM) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
DRG	DRG	Degrees-radians-gradians	Function (monadic, cyclic, nonpgm)			Angle conversions	Keyboard normalSIM [>]	Add ADM tag to untagged value in X, convert tagged value to degrees-radians-gradians (cyclic) (Info : Setting tag for complex X also sets POLAR mode for X according to ADM) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
DROPx	DROPx	Drop X	Command			Stack	Menu [STK.1] F1	Drop X from stack (Shortcut : double [*] (if eDROP is CLEAR -- default)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
DROPx	DROPx	Drop X	Command			Stack	Keyboard double [*]	Drop X from stack (Shortcut : double [*] (if eDROP is CLEAR -- default)) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
DR0Py	DR0Py	Drop Y	Command			Stack	Menu [STK.1] F1	Drop Y from stack Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
DSE	DSE	Decrement skip on equal	Command			Programming	Menu [LOOP.1] F1	Decrement skip on equal, using range number in register or variable (ccc.ffffd, where ccc is counter, fff is final value, dd is decrement) (TAM : DSE ___ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_LOOP_page_1.pdf
dSI	dSI ₂	Short integer split screen lines	Setting (pgm)	2	<no annunciator>	Number bases	Menu [DISP.2] F4	Set the short integer split screen lines for the display of X in #BASE Mode (TAM : dSI ___ TamNonReg menu ; Info : Range is 8 : <none> ; 1 : HEX ; 2 : HEX/DEC ; 3 : HEX/BIN/DEC ; if flag BCD is SET, instead of HEX, BCD is displayed with subscript digits and followed by subscript _{xx}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
DSL	DSL	Decrement skip on less	Command			Programming	Menu [LOOP.1] F3	Decrement skip on less, using range number in register or variable (ccc.ffffd, where ccc is counter, fff is final value, dd is decrement) (TAM : DSL ___ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_LOOP_page_1.pdf
DSP	DSP ₃	Display precision	Setting (pgm)	3	<no annunciator>	Display	Menu [Prefix.1] F6	Set display mode precision (only) ; applies to FIX, SCI, ENG, UNIT, SIG, ALL (TAM : DSP ___ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Prefix_page_1.pdf
DSP	DSP ₃	Display precision	Setting (pgm)	3	<no annunciator>	Display	Menu [MyM.10] F2	Set display mode precision (only) ; applies to FIX, SCI, ENG, UNIT, SIG, ALL (TAM : DSP ___ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
DSP	DSP ₃	Display precision	Setting (pgm)	3	<no annunciator>	Display	Menu [MyM.8] F2	Set display mode precision (only) ; applies to FIX, SCI, ENG, UNIT, SIG, ALL (TAM : DSP ___ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_3.pdf
dSTACK	dSTACK ₄	Stack display lines	Setting (pgm)	4	<no annunciator>	Stack	Menu [DISP.2] F3	Set the number of stack registers to be displayed (TAM : dSTACK ___ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
DSZ	DSZ	Decrement skip on zero	Command			Programming	Menu [LOOP.1] F2	Decrement skip on zero, using range number in register or variable (ccc.ffffd, where ccc is counter, fff is final value, dd is decrement) (TAM : DSZ ___ Tam menu ; Info : time values may be used as the range number, decrement is one hour) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_LOOP_page_1.pdf
dZ.0	dZ.0 □	Display Long integers as Real	Setting	OFF	<no annunciator>	Integers	Menu [DISP.2] F2	Switch on displaying Long integers as Real ; not programmable - in PEM, use flag dZ.0 (Info : dZ.0 overrules dLrgLI ; Prefix : Z : ; radix not displayed if DSP = 0 ; larger values are displayed using scientific notation and indicated as Long integer by prefix "Z:" even if dZ.0 is CLEAR ; button shows current radix preference) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
dZ.0	dZ.0 □	Display Long integers as Real	Setting	OFF	<no annunciator>	Integers	Menu [MyM.10] F3	Switch on displaying Long integers as Real ; not programmable - in PEM, use flag dZ.0 (Info : dZ.0 overrules dLrgLI ; Prefix : Z : ; radix not displayed if DSP = 0 ; larger values are displayed using scientific notation and indicated as Long integer by prefix "Z:" even if dZ.0 is CLEAR ; button shows current radix preference) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
dZ.0	dZ.0 □	Display Long integers as Real	Setting	OFF	<no annunciator>	Integers	Menu [MyM.8] F3	Switch on displaying Long integers as Real ; not programmable - in PEM, use flag dZ.0 (Info : dZ.0 overrules dLrgLI ; Prefix : Z : ; radix not displayed if DSP = 0 ; larger values are displayed using scientific notation and indicated as Long integer by prefix "Z:" even if dZ.0 is CLEAR ; button shows current radix preference) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_3.pdf
dZ.0	dZ.0 □	Display Long integers as Real	Setting	OFF	<no annunciator>	Integers	Menu [XFCNS.3] gF2	Switch on displaying Long integers as Real ; not programmable - in PEM, use flag dZ.0 (Info : dZ.0 overrules dLrgLI ; Prefix : Z : ; radix not displayed if DSP = 0 ; larger values are displayed using scientific notation and indicated as Long integer by prefix "Z:" even if dZ.0 is CLEAR ; button shows current radix preference) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_3.pdf
dZ.0	--	Display Long integers as Real	Flag	CLEAR	<no annunciator>	Integers	Menu [SYS.FL.2] F4 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying Long integers as Real ; CLEAR for not displaying Long integers as Real (Info : dZ.0 overrules dLrgLI ; Prefix : Z : ; radix not displayed if DSP = 0 ; larger values are displayed using scientific notation and indicated as Long integer by prefix "Z:" even if dZ.0 is CLEAR) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS_FL_page_2.pdf
dZ.0	--	Display Long integers as Real	Flag	CLEAR	<no annunciator>	Integers	Menu [CFL6 (SYS.FL.2)] F4	SET for displaying Long integers as Real ; CLEAR for not displaying Long integers as Real (Info : dZ.0 overrules dLrgLI ; Prefix : Z : ; radix not displayed if DSP = 0 ; larger values are displayed using scientific notation and indicated as Long integer by prefix "Z:" even if dZ.0 is CLEAR) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_2.pdf
DT→J	DT→J	Date-time to Julian day number	Function (dyadic)			Time functions	Menu [CLK.1] F4 (Also) reached from MENU (item) DTSET	Convert date, time in stack to Julian day number (JDN) (Info : Date, time can be in Y, X or X, Y ; Years are astronomical, 0 equals 1 BCE ; JDN .0 equals noon) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf
[DTSET]	CLK÷2	Date and time settings	MENU (item)			Time functions	Menu [DISP.2] F6	Activate menu CLK page 2 to access date and time settings (Info : Previews/OPENM as CLK÷2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
[DTSET]	CLK÷2	Date and time settings	MENU (item)			Time functions	Catalog CAT.MENU CLK÷2	Activate menu CLK page 2 to access date and time settings (Info : Previews/OPENM as CLK÷2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
e	--	Elementary charge	Constant			Constants	Menu [CNST.1] F2	Constant e = 8 e charge.elem = $+1.602176634 \times 10^{-19}$ (Unit : As) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
E	--	E	Character			Numeric input and characters	Menu [BASE.2] F5	Character E (Fontcode : 0B45 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE_page_2.pdf
E	--	E	Character			Numeric input and characters	Menu [INTS.1] F5	Digit E (Fontcode : 0B45 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_INTS_page_1.pdf
E	--	E	Character			Numeric input and characters	Keyboard alpha [L06]	Character E (Fontcode : 0B45 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
E	--	E	Character			Numeric input and characters	Keyboard alphaSIM [e]	Character E (Fontcode : 0B45 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
E	--	E	Character			Numeric input and characters	Menu [BITSET.1] F5	Character E (Fontcode : 0B45 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSET_page_1.pdf
E	--	E	Character			Numeric input and characters	Menu [BASE2.1] F5	Character E (Fontcode : 0B45 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE2_page_1.pdf
E	--	E	Character			Numeric input and characters	Menu [BASE2.2] F5	Character E (Fontcode : 0B45 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE2_page_2.pdf
e	--	e	Character			Characters	Keyboard alpha f [L06]	Character e (Fontcode : 0B51 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
{E}	--	Register E	EasyAccess (TAM)			Trailing input	Keyboard TAM [L06]	Easy access to Register E (217) : General purpose register E (Shortcut : ST0/RCL {E} ; TI : E) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
E	--	Register E	EasyAccess (TAM)			Trailing input	Menu [REG.2] F1	Easy access to Register E (217) : General purpose register E (Shortcut : ST0/RCL {E} ; TI : E) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_2.pdf
e	--	Local label e	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] fF5	Easy access to local label e Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamLabel_page_1.pdf
E	--	Local label E	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] F5	Easy access to local label E (Shortcut : LBL {E}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamLabel_page_1.pdf
E	--	Register E	Register (lettered)			Lettered registers	See description	Register E (217) : General purpose register E (Info : Reached from ST0/RCL [REG.2] F1 or ST0/RCL {E})
E	--	Flag E	EasyAccess (TAM)			Trailing input	Menu [FLG.2] F1	Easy access to Flag E (217) (Shortcut : FF {E}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_2.pdf
E	--	Flag E	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag E (217) (Info : Reached from FF [FLG.2] F1 or FF {E})
e	--	Euler's	Constant			Constants	Menu [CNST.1] fF1	Constant e $e.euler = +2.718281828459045235360287471352662$ Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
e	--	eEuler	Character			Characters	Menu [aMath.3] gF4	Mathematical symbol e (Shortcut : alpha g [L06] ; Info : Fontcode : 2147 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
e	--	eEuler	Character			Characters	Keyboard alpha g [L06]	Character e (Shortcut : alpha g [L06] ; Info : Fontcode : 2147 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
E	--	Subscript E	Character			Characters	See description	Character E (Fontcode : 240A ₁₆)
E	--	Superscript E	Character			Characters	See description	Character E (Fontcode : 240A ₁₆)
É	--	E accute	Character			Characters	Menu [aINTL.1] gF5	International character É (Fontcode : 0B03 ₁₆ ; Info : press [4] for é at [aINTL.1] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
é	--	e accute	Character			Characters	Menu [aINTL.1] gF5	International character é (Fontcode : 0B09 ₁₆ ; Info : press [4] for É at [aINTL.1] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_1.pdf
È	--	E grave	Character			Characters	Menu [aINTL.1] gF4	International character È (Fontcode : 0B0C ₁₆ ; Info : press [4] for è at [aINTL.1] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
è	--	e grave	Character			Characters	Menu [aINTL.1] gF4	International character è (Fontcode : 0B0E ₁₆ ; Info : press [4] for È at [aINTL.1] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_1.pdf
Ě	--	E breve	Character			Characters	Menu [aINTL.2] F3	International character Ě (Fontcode : 0114 ₁₆ ; Info : press [4] for ě at [aINTL.2] F3) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_2.pdf
ě	--	e breve	Character			Characters	Menu [aINTL.2] F3	International character ě (Fontcode : 0115 ₁₆ ; Info : press [4] for Ě at [aINTL.2] F3) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_2.pdf
Ê	--	E circumflex	Character			Characters	Menu [aINTL.1] gF6	International character Ê (Fontcode : 0B0A ₁₆ ; Info : press [4] for ê at [aINTL.1] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_1.pdf
ê	--	e circumflex	Character			Characters	Menu [aINTL.1] gF6	International character ê (Fontcode : 0B0E ₁₆ ; Info : press [4] for Ê at [aINTL.1] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_1.pdf
Ě	--	E caron	Character			Characters	Menu [aINTL.2] F6	International character Ě (Fontcode : 011A ₁₆ ; Info : press [4] for ě at [aINTL.2] F6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_2.pdf
ě	--	e caron	Character			Characters	Menu [aINTL.2] F6	International character ě (Fontcode : 011B ₁₆ ; Info : press [4] for Ě at [aINTL.2] F6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_2.pdf
Ë	--	E diaresis	Character			Characters	Menu [aINTL.2] F1	International character Ë (Fontcode : 0B0B ₁₆ ; Info : press [4] for ë at [aINTL.2] F1) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_2.pdf
ë	--	e diaresis	Character			Characters	Menu [aINTL.2] F1	International character ë (Fontcode : 0B0E ₁₆ ; Info : press [4] for Ë at [aINTL.2] F1) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_2.pdf
Ê	--	E dot	Character			Characters	Menu [aINTL.2] F4	International character Ê (Fontcode : 0116 ₁₆ ; Info : press [4] for é at [aINTL.2] F4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_2.pdf
è	--	e dot	Character			Characters	Menu [aINTL.2] F4	International character è (Fontcode : 0117 ₁₆ ; Info : press [4] for É at [aINTL.2] F4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Ę	--	E ogonek	Character			Characters	Menu [aINTL.2] F5	International character Ę (Fontcode : 01181 ₆ ; Info : press [4] for Ę at [aintl.2] F5) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_page_2.pdf
ę	--	e ogonek	Character			Characters	Menu [aintl.2] F5	International character ę (Fontcode : 01181 ₆ ; Info : press [4] for Ę at [aINTL.2] F5) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaintl-lower_page_2.pdf
Ě	--	E macron	Character			Characters	Menu [aINTL.2] F2	International character Ě (Fontcode : 01121 ₆ ; Info : press [4] for Ě at [aintl.2] F2) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_page_2.pdf
ě	--	e macron	Character			Characters	Menu [aintl.2] F2	International character ě (Fontcode : 01131 ₆ ; Info : press [4] for Ě at [aINTL.2] F2) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaintl-lower_page_2.pdf
E(m)	E(m)	Complete elliptic integral (2nd)	Function (monadic)			Mathematics	Menu [Ellipt.1] F5	Complete elliptic integral of the 2nd kind -- see https://mathworld.wolfram.com/CompleteEllipticIntegraloftheSecondKind.html (Parameter : m = X) [https://mathworld.wolfram.com/CompleteEllipticIntegraloftheSecondKind.html] Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Ellipt_page_1.pdf
E(φ,m)	E(φ,m)	Incomplete elliptic integral (2nd)	Function (dyadic)			Mathematics	Menu [Ellipt.1] fF5	Incomplete elliptic integral of the 2nd kind (Parameter : φ = X ; m = Y ; Info : φ is amplitude angle (any angle mode)) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Ellipt_page_1.pdf
e ^{iX}	e ^{iX}	Euler's formula	Function (monadic)		<no annunciator>	Mathematics	Menu [X.FN.1] fF4	Rotate complex unit vector by X radians : e ^{iX} = cos(x) + i sin(x) (Info : i or j displayed in stack and on soft buttons) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_X-FN_page_1.pdf
e ^{iX}	e ^{iX}	Euler's formula	Function (monadic)		<no annunciator>	Mathematics	Menu [MyM.1] F3	Rotate complex unit vector by X radians : e ^{iX} = cos(x) + i sin(x) (Info : i or j displayed in stack and on soft buttons) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MyMenu_page_1.pdf
e ^{iX}	e ^{iX}	Euler's formula	Function (monadic)		<no annunciator>	Mathematics	Menu [HOME.1] fF6	Rotate complex unit vector by X radians : e ^{iX} = cos(x) + i sin(x) (Info : i or j displayed in stack and on soft buttons) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_HOME_page_1.pdf
ECA	--	ECA	User Program			Test programs	Menu [PROGS.1] F3 (Also) reached from MENU (TAM, ASM) PROG	ECA test program, available to load from PROGRAMS/ALLPGMS/ECA.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_PROGS_page_1.pdf
ECA	--	ECA	User Program			Test programs	Menu [PROG (PROGS.)] F3	ECA test program, available to load from PROGRAMS/ALLPGMS/ECA.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_PROG_page_1.pdf
EDIT	EQ.EDIT	Edit equation	Command (submnv)			Equations	Menu [EQN.1] F2	Open equation editor menu to edit equation (previous equation loaded) (Info : EIM = Equation Input Mode ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Equation_editor.pdf) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_EQN_page_1.pdf
[EDIT]	M.EDIT	Edit matrix	MENU (item, nonpgm)			Matrix operations	Menu [MATX.1] F3	Open matrix editor for matrix in X (Info : CAT.MENUS M_EDIT ; MIM = Matrix Input Mode ; [4] or [4] to move up or down one position ; Ref : 1/x, which is a shortcut for [M] ⁻¹ , use ~1 y* instead ; and √x, which is a shortcut for MSQRT, use 0.5 y* instead) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MATX_page_1.pdf
EDIT	EDIT	Edit item	Command			User interface	Menu [P.FN.1] gF1	Edit item in X (any data type, except Config) in Normal Mode ; edit text strings, numbers or function parameters in the current step in Program Entry Mode ; when editing angles using EDIT, key .d removes the angle tag (Normal Mode and PEM) ; when editing short integers, key .d removes the base (Normal Mode and PEM) (Shortcut : longerpress [4] ; alpha longer [4] ; PEM long [4] ; EIM longer [4] ; Info : editing of long integers is limited to two input lines (about 99 digits depening on display settings) ; also note that for new models and simulator, the full set of features is supported (Complex numbers not yet implemented), but for DMk2 hardware, numbers cannot be edited) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_P-FN_page_1.pdf
EDIT	EDIT	Edit item	Command			User interface	Menu [P.FN3.1] gF1	Edit item in X (any data type, except Config) in Normal Mode ; edit text strings, numbers or function parameters in the current step in Program Entry Mode ; when editing angles using EDIT, key .d removes the angle tag (Normal Mode and PEM) ; when editing short integers, key .d removes the base (Normal Mode and PEM) (Shortcut : longerpress [4] ; alpha longer [4] ; PEM long [4] ; EIM longer [4] ; Info : editing of long integers is limited to two input lines (about 99 digits depening on display settings) ; also note that for new models and simulator, the full set of features is supported (Complex numbers not yet implemented), but for DMk2 hardware, numbers cannot be edited) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_P-FN3_page_1.pdf
EDIT	EDIT	Edit item	Command			User interface	Keyboard longerpress [4]	Edit item in X (any data type, except Config) in Normal Mode ; edit text strings, numbers or function parameters in the current step in Program Entry Mode ; when editing angles using EDIT, key .d removes the angle tag (Normal Mode and PEM) ; when editing short integers, key .d removes the base (Normal Mode and PEM) (Shortcut : longerpress [4] ; alpha longer [4] ; PEM long [4] ; EIM longer [4] ; Info : editing of long integers is limited to two input lines (about 99 digits depening on display settings) ; also note that for new models and simulator, the full set of features is supported (Complex numbers not yet implemented), but for DMk2 hardware, numbers cannot be edited) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
[EDITN]	M.EDITN	Edit matrix (named)	MENU (item, nonpgm)			Matrix operations	Menu [MATX.1] F4	Open matrix editor for matrix in register or variable (TAM : M.EDITN __ Tam menu) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MATX_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
EEX	--	Enter exponent	Command			Numeric input	Keyboard normalSIM [e]	Enter exponent (decimal input, powers of 10) Ref : https://n7calc.com/doc/R47/Keyboard/Roww/R47v0_Keyboard_row_4.pdf
EEX	--	Enter exponent	Command			Numeric input	Keyboard [EEX]	Enter exponent (decimal input, powers of 10) Ref : https://n7calc.com/doc/R47/Keyboard/Roww/R47v0_Keyboard_row_4.pdf
EFF→I/a	EFF→I/a	Nominal TVM annual rate	Function (monadic)			Financial	Menu [TVM.1] fF2	Calculate Nominal TVM annual rate from the Effective TVM annual rate in X and copy value to I/a (variable I%/a) -- see Formula_EFFTOL.png : https://n7calc.com/doc/Images/Formula_EFFTOL.png (TI : I%/a = I%/YR = NAR =) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TVM_page_1.pdf
EIGVAL	EIGVAL	Eigenvalues	Function (monadic)		<no annunciator>	Matrix operations	Menu [MATX.2] gF4	Eigenvalues as a 1xn vector (returned in X) and as the diagonal elements of an nxn matrix (returned in Y) ; tolerance set by SDIGS (use value of 10-16 for better performance or higher for better accuracy) (Info : Displays : i/m Tol: current/target Iter: n, where i/m is count of eigenvalues, n is iteration counter ; shown if flag MONIT is SET ; for new models and simulator, extended internal eigenvalue precision with 159-digit type integration was added, achieving 39-digit accuracy for 2x2 and 3x3 solvers, but this is not applicable to DM92 hardware) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MATX_page_2.pdf
EIGVEC	EIGVEC	Eigenvector	Function (monadic)		<no annunciator>	Matrix operations	Menu [MATX.2] gF3	Eigenvector of matrix in X ; tolerance set by SDIGS (use value of 10-16 for better performance or higher for better accuracy) (Info : Displays : i/m Tol: current/target Iter: n, where i/m is count of eigenvalues, n is iteration counter ; shown if flag MONIT is SET ; for new models and simulator, extended internal eigenvalue precision with 159-digit type integration was added, achieving 39-digit accuracy for 2x2 and 3x3 solvers, but this is not applicable to DM92 hardware) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MATX_page_2.pdf
[ELEC]	ELEC	Electrical engineering	MENU			Electrical engineering	Catalog CAT.MENUS ELEC	Electrical engineering functions and custom programs (Ref : https://n7calc.com/doc/Application%20Notes/AN008_C47_R47_JM_ELEC.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_ELEC_page_1.pdf
[ELEC]	ELEC	Electrical engineering	MENU			Electrical engineering	Menu [HOME.1] gF4	Electrical engineering functions and custom programs (Ref : https://n7calc.com/doc/Application%20Notes/AN008_C47_R47_JM_ELEC.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_HOME_page_1.pdf
[Ellipt]	ELLIPT	Elliptical functions	MENU			Mathematics	Menu [X.FN.2] gF1	Elliptical functions (Ref : https://n7calc.com/doc/Application%20Notes/AN0023_C47_R47_WGR_JM_DE_Elliptic_Incl_Ansl.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_X-FN_page_2.pdf
[Ellipt]	ELLIPT	Elliptical functions	MENU			Mathematics	Catalog CAT.MENUS ELLIPT	Elliptical functions (Ref : https://n7calc.com/doc/Application%20Notes/AN0023_C47_R47_WGR_JM_DE_Elliptic_Incl_Ansl.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Ellipt_page_1.pdf
END	END	End	Command (PEM)			Programming	Menu [P.FN.1] F5	End statement Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_P-FN_page_1.pdf
END	END	End	Command (PEM)			Programming	Menu [P.FN3.1] F5	End statement Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_P-FN3_page_1.pdf
End	ENDP 0	TVM end payments	Setting (pgm)	ON	END	Financial	Menu [TVM.1] gF2	Switch on TVM end payments (Info : SBI END ; BEG is shown if flag S8tvm is SET and menu TVM, AMORT or CASHFL is open) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TVM_page_1.pdf
ENDPMT	--	TVM end payments	Flag (system)	SET	END ; BEG	Financial	Menu [SYS.FL.2] F5 (Also) reached from MENU (item, nonpgm) CFL6	SET for TVM end payments ; CLEAR for TVM begin payments (Info : SBI END ; BEG is shown if flag S8tvm is SET) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
ENDPMT	--	TVM end payments	Flag (system)	SET	END ; BEG	Financial	Menu [CFL6 (SYS.FL).2] F5	SET for TVM end payments ; CLEAR for TVM begin payments (Info : SBI END ; BEG is shown if flag S8tvm is SET) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFL6_page_2.pdf
[Energy:]	Energy:	Energy conversions	MENU		<no annunciator>	Energy conversions	Menu [CONV.1] F1	Convert between units of energy (Info : Flag CONV _u may be SET for <to> <f> <to> unit conversion buttons ; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CONV_page_1.pdf
[Energy:]	Energy:	Energy conversions	MENU		<no annunciator>	Energy conversions	Catalog CAT.MENUS Energy:	Convert between units of energy (Info : Flag CONV _u may be SET for <to> <f> <to> unit conversion buttons ; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Energy_page_1.pdf
ENG	ENG 0	ENGINEERING notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.1] F3	Set numeric display mode to engineering notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 3) (TAM : ENG __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_DISP_page_1.pdf
ENG	ENG 0	ENGINEERING notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [MLoads.1] gF5	Set numeric display mode to engineering notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 3) (TAM : ENG __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MLoads_page_1.pdf
ENG	ENG 0	ENGINEERING notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [PLoads.1] gF5	Set numeric display mode to engineering notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 3) (TAM : ENG __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PLoads_page_1.pdf
ENG	ENG 0	ENGINEERING notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [Struct.1] gF3	Set numeric display mode to engineering notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 3) (TAM : ENG __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Struct_page_1.pdf
ENG0VR	ENG0VR 0	Engineering display large Real numbers	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.2] gF2	Switch on displaying large Real numbers in engineering notation Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_DISP_page_2.pdf
ENG0VR	--	Engineering/Scientific display large Real numbers	Flag	CLEAR	<no annunciator>	Display	Menu [SYS.FL.2] F6 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying large Real numbers in engineering notation ; CLEAR for displaying large Real numbers in scientific notation Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ENG0VR	--	Engineering/Scientific display large Real numbers	Flag	CLEAR	<no annunciator>	Display	Menu [CFL6 (SYS.FL).2] fF6	SET for displaying large Real numbers in engineering notation; CLEAR for displaying large Real numbers in scientific notation Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CFLG_page_2.pdf
ENORM	ENORM	Euclidean or Frobenius norm	Function (monadic)			Matrix operations	Menu [TamNorm.1] fF5	Euclidean magnitude of a vector in X or Frobenius norm of a matrix in X : $\ x\ _2 = \sqrt{Z_i x_i a_i^2}$ (Info : if ENDRM is selected from menu [TamNorm.1] fF5, it enters $\ x\ _1$ with parameter 2 : Euclidean magnitude of a vector in X or Frobenius norm of a matrix in X : $\ x\ _2 = \sqrt{Z_i x_i a_i^2}$) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNorm_page_1.pdf
ENTER	ENTER	Enter	Command		8 or 4	Stack	Keyboard [ENTER]	If eRPN is SET, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if CLEAR, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is CLEAR, automatic stack lift is disabled after ENTER (Info : Note that in Program Entry Mode, ENTER terminates numeric input without inserting an ENTER instruction (it is not necessary to separate numbers on consecutive program lines and - if eRPN is SET - ENTER would lead to unnecessary duplication of X) ; For assignments (ASN (g[DRG])), spell the name as 'ENTER' ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
ENTER	ENTER	Enter	Command		8 or 4	Stack	Keyboard alpha [ENTER]	If eRPN is SET, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if CLEAR, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is CLEAR, automatic stack lift is disabled after ENTER (Info : Note that in Program Entry Mode, ENTER terminates numeric input without inserting an ENTER instruction (it is not necessary to separate numbers on consecutive program lines and - if eRPN is SET - ENTER would lead to unnecessary duplication of X) ; For assignments (ASN (g[DRG])), spell the name as 'ENTER' ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
ENTER	ENTER	Enter	Command		8 or 4	Stack	Keyboard TAM [ENTER]	If eRPN is SET, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if CLEAR, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is CLEAR, automatic stack lift is disabled after ENTER (Info : Note that in Program Entry Mode, ENTER terminates numeric input without inserting an ENTER instruction (it is not necessary to separate numbers on consecutive program lines and - if eRPN is SET - ENTER would lead to unnecessary duplication of X) ; For assignments (ASN (g[DRG])), spell the name as 'ENTER' ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
ENTER	ENTER	Enter	Command		8 or 4	Stack	Keyboard normalSIM [Enter]	If eRPN is SET, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if CLEAR, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is CLEAR, automatic stack lift is disabled after ENTER (Info : Note that in Program Entry Mode, ENTER terminates numeric input without inserting an ENTER instruction (it is not necessary to separate numbers on consecutive program lines and - if eRPN is SET - ENTER would lead to unnecessary duplication of X) ; For assignments (ASN (g[DRG])), spell the name as 'ENTER' ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
ENTER	ENTER	Enter	Command		8 or 4	Stack	Keyboard alphaSIM [Enter]	If eRPN is SET, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if CLEAR, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is CLEAR, automatic stack lift is disabled after ENTER (Info : Note that in Program Entry Mode, ENTER terminates numeric input without inserting an ENTER instruction (it is not necessary to separate numbers on consecutive program lines and - if eRPN is SET - ENTER would lead to unnecessary duplication of X) ; For assignments (ASN (g[DRG])), spell the name as 'ENTER' ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
ENTRY?	ENTRY?	(Data) entry?	Command (logical)			Programming	Menu [TEST.1] gF1	Test internal entry flag for data entry Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_1.pdf
[EQN]	EQN	Equation editor	MENU			Equations	Keyboard f[x]	Equation editor to enter multiple expressions (Info : EIM = Equation Input Mode ; when no expression has been entered, only button NEW is shown in this menu ; when two or more expressions have been entered, use [†] or [4] to select ; menu CAT [EQN] is available on keyboard f[+] in EIM ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Equation_editor.pdf) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
[EQN]	EQN	Equation editor	MENU			Equations	Catalog CAT.MENU EQN	Equation editor to enter multiple expressions (Info : EIM = Equation Input Mode ; when no expression has been entered, only button NEW is shown in this menu ; when two or more expressions have been entered, use [†] or [4] to select ; menu CAT [EQN] is available on keyboard f[+] in EIM ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Equation_editor.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EQN_page_1.pdf
erf	erf	Error function	Function (monadic)			Mathematics	Menu [X.FN.2] gF5	Error function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_X-FN_page_2.pdf
erf	erf	Error function	Function (monadic)			Mathematics	Menu [FCNS.1] gF4	Error function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
erfc	erfc	Complementary error function	Function (monadic)			Mathematics	Menu [X.FN.2] gF6	Complementary error function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
erfc	erfc	Complementary error function	Function (monadic)			Mathematics	Menu [FCNS.1] gF5	Complementary error function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
erg→J	--	erg to J	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] fF3	Convert erg to Joule (T1 : J) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
eRPN	eRPN III	Entry RPN mode	Setting	ON	8 or 4	Stack	Menu [MODE.1] fF4	Switch on interactive Entry RPN mode ; not programmable - in PEM, use flag eRPN (Info : If eRPN is ON, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if OFF, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is OFF, automatic stack lift is disabled after ENTER ; stack size SBI (8 or 4) is displayed in normal font if eRPN is ON and inverted if OFF ; SBI 8 or 4 is shown if flag SBss is ON) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
eRPN	eRPN III	Entry RPN mode	Setting	ON	8 or 4	Stack	Menu [PREF.1] F4	Switch on interactive Entry RPN mode ; not programmable - in PEM, use flag eRPN (Info : If eRPN is ON, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if OFF, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is OFF, automatic stack lift is disabled after ENTER ; stack size SBI (8 or 4) is displayed in normal font if eRPN is ON and inverted if OFF ; SBI 8 or 4 is shown if flag SBss is ON) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_1.pdf
eRPN	--	Entry RPN mode	Flag	SET	8 or 4	Stack	Menu [SYS.FL.2] fF1 (Also) reached from MENU (Item, nonpgm) CFL6	SET for interactive Entry RPN mode ; CLEAR for interactive Entry RPN mode inactive (Info : If eRPN is SET, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if CLEAR, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is CLEAR, automatic stack lift is disabled after ENTER ; stack size SBI (8 or 4) is displayed in normal font if eRPN is SET and inverted if CLEAR ; SBI 8 or 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_2.pdf
eRPN	--	Entry RPN mode	Flag	SET	8 or 4	Stack	Menu [CFL6 (SYS.FL.2)] fF1	SET for interactive Entry RPN mode ; CLEAR for interactive Entry RPN mode inactive (Info : If eRPN is SET, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if CLEAR, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is CLEAR, automatic stack lift is disabled after ENTER ; stack size SBI (8 or 4) is displayed in normal font if eRPN is SET and inverted if CLEAR ; SBI 8 or 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_2.pdf
ERR	ERR	Error	Command (PEM)			Programming	Menu [P.FN1.1] fF2	Raise error and show error message (TAM : ERR __, TamNonReg menu ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Errors_and_messages.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
EUROP	S.EUR ◊	European formatting	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.3] F2	Set to European regional formats (date, time, calendar, number formatting) (T1 : First Gregorian day set: 15.10.1582 ; Week of Year rule sets Monday.Thursday) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_3.pdf
eV/k _B →K	--	eV/k _B to K	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1] fF5	Convert electronvolt/Boltzmann constant to Kelvin (T1 : K) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Temp_page_1.pdf
eV→J	--	eV to J	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] fF1	Convert electronvolt to Joule (T1 : J) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
EVEN?	EVEN?	Even?	Command (logical)			Programming	Menu [TEST.3] fF1	Test X is even and integer (test function INT? is true) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Menu [EXP.1] fF6	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Keyboard f [LN]	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Menu [MyM.1] F4	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Menu [MyM.2] F6	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_2.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Menu [MyM.5] F5	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_5.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Menu [MyM.6] F6	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_6.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Menu [FCNS.1] gF6	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_1.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Keyboard longpress [LN]	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
e ^x	e ^x	e to the power x	Function (monadic)			Mathematics	Menu [HOME.1] F6	Raise e to the power in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
e ^x	--	e to the power x	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).1] F1	e to the power x Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
e ^x	--	e to the power x	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).1] F1	e to the power x Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
e ^x -1	e ^x -1	e ^x - 1	Function (monadic)			Mathematics	Menu [EXP.1] fF5	More accurate calculation of e ^x - 1 for x ≥ 8 Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
EXIT	--	Exit	Command			Navigation	Keyboard [EXIT]	Exit (Info : To assign EXIT to a key or button, use ASN (g[DRG]) and spell the name as 'EXIT' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
EXIT	--	Exit	Command			Navigation	Keyboard alpha [EXIT]	Exit (Info : To assign EXIT to a key or button, use ASN (g[DRG]) and spell the name as 'EXIT' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
EXIT	--	Exit	Command			Navigation	Keyboard TAM [EXIT]	Exit (Info : To assign EXIT to a key or button, use ASN (g[DRG]) and spell the name as 'EXIT' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
EXIT	--	Exit	Command			Navigation	Keyboard #TAM [EXIT]	Exit (Info : To assign EXIT to a key or button, use ASN (g[DRG]) and spell the name as 'EXIT' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
EXIT	--	Exit	Command			Navigation	Keyboard normalSIM [Esc]	Exit (Info : To assign EXIT to a key or button, use ASN (g[DRG]) and spell the name as 'EXIT' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
EXIT	--	Exit	Command			Navigation	Keyboard alphaSIM [Esc]	Exit (Info : To assign EXIT to a key or button, use ASN (g[DRG]) and spell the name as 'EXIT' ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
EXITall	EXITALL	Exit all	Command (PEM)			Programming	Menu [P.FN2.1] F5	Exit all menus ; return to MyMenu (Normal Mode) ; exit VarMNU (program execution) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
[EXP]	EXP	Exponential	MENU			Mathematics	Menu [BLUE7.1] F5	Exponential functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_1.pdf
[EXP]	EXP	Exponential	MENU			Mathematics	Catalog CAT.MENU EXP	Exponential functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
[EXP]	EXP	Exponential	MENU			Mathematics	Keyboard g [EE]	Exponential functions Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
ExpF	ExpF □	Exponential fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] F2	Set <BestF> to include Exponential curve fitting : $y = a_0 e^{a_1 x}$; deselects OrthoF (Info : Adds 2 to <BestF> ; TI : L&R selected to <BestF>.) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODEL_page_1.pdf
EXPitr	EXPitr	Export lettered registers	Command			Input-Output	Menu [I/O.2] F3	Export lettered registers A-2 to text data file (.d47) in FAT (Info : DMCP : File save dialog ("Export Register File" -- DATA/) ; TI : Data file saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_2.pdf
EXPnrg	EXPnrg	Export n registers	Command			Input-Output	Menu [I/O.2] F4	Export n registers starting with R00 to text data file (.d47) in FAT (TAM : EXPnrg ___, TamNonReg menu ; Info : DMCP : File save dialog ("Export Register File" -- DATA/) ; TI : Data file saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_2.pdf
[Exponz]	Exponz	Exponential distribution	MENU			Probability (real)	Menu [DISTR.1] F5	Exponential probability distribution (continuous) (TI : RegR = λ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[Exponz]	Exponz	Exponential distribution	MENU			Probability (real)	Catalog CAT.MENU Exponz	Exponential probability distribution (continuous) (TI : RegR = λ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Expon_page_1.pdf
Expon _p	Expon _p	Exponential pdf	Function (monadic)			Probability (real)	Menu [Exponz.1] F1	Exponential probability density function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Expon_page_1.pdf
Expon _{ΔL}	Expon _{ΔL}	Exponential cdf (lower)	Function (monadic)			Probability (real)	Menu [Exponz.1] F3	Exponential cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Expon_page_1.pdf
Expon _{ΔU}	Expon _{ΔU}	Exponential cdf (upper)	Function (monadic)			Probability (real)	Menu [Exponz.1] F4	Exponential cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Expon_page_1.pdf
Expon ⁻¹	Expon ⁻¹	Exponential qf (inverse)	Function (monadic)			Probability (real)	Menu [Exponz.1] F6	Exponential inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Expon_page_1.pdf
EXPreg	EXPreg	Export register or variable	Command			Input-Output	Menu [I/O.2] F1	Export register or variable to text data file (.d47) in FAT (TAM : EXPreg ___, Tam menu ; Info : DMCP : File save dialog ("Export Register File" -- DATA/) ; TI : Data file saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_2.pdf
EXPstk	EXPstk	Export stack	Command		8 ; 4	Input-Output	Menu [I/O.2] F2	Export stack (8 or 4 registers, depending on flag SSIZE8) to text data file (.d47) in FAT (Info : DMCP : File save dialog ("Export Register File" -- DATA/) ; TI : Data file saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_2.pdf
EXPT	EXPT	Exponent	Function (monadic)			Reals	Menu [REAL.1] F4	Exponent of real number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
EXPxfnx	EXPxfnx	Export XFN	Command			Input-Output	Menu [I/O.2] F5	Export value of virtual compound data type in XYZ to text data file (.d47) in FAT (Info : DMCP : File save dialog ("Export Register File" -- DATA/) ; TI : Data file saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_2.pdf
F	--	Faraday constant	Constant			Constants	Menu [CNST.1] F3	Constant # 18 F c.faraday = $+9.84853321233100184 \times 10^8$ (Unit : As/mol) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_1.pdf
F	--	F	Character			Numeric input and characters	Menu [BASE.2] F6	Character F (Fontcode : 004614) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
F	--	F	Character			Numeric input and characters	Menu [INTS.1] F6	Digit F (Fontcode : 004614) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
F	--	F	Character			Numeric input and characters	Keyboard alpha [LN]	Character F (Fontcode : 004614) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
F	--	F	Character			Numeric input and characters	Keyboard alphaSIM [f]	Character F (Fontcode : 004614) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
F	--	F	Character			Numeric input and characters	Menu [BITSET.1]F6	Character F (Fontcode : 0B61 ₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BITSET_page_1.pdf
F	--	F	Character			Numeric input and characters	Menu [BASE2.1]F6	Character F (Fontcode : 0B61 ₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BASE2_page_1.pdf
F	--	F	Character			Numeric input and characters	Menu [BASE2.2]F6	Character F (Fontcode : 0B61 ₆) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BASE2_page_2.pdf
f	--	f	Character			Characters	Keyboard alpha f [LN]	Character f (Fontcode : 0B61 ₆) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
F	--	Register F	EasyAccess (TAM)			Trailing input	Menu [REG.2]F2	Easy access to Register F (218) : General purpose register F (Shortcut : STO/RCL {F} ; TI : F) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_REG_page_2.pdf
{F}	--	Register F	EasyAccess (TAM)			Trailing input	Keyboard TAM [LN]	Easy access to Register F (218) : General purpose register F (Shortcut : STO/RCL {F} ; TI : F) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
<f>	f	Shift f	f-shift		f	Keyboard	Keyboard alphaSIM [Shift]	Shift f (yellow) (Info : SBI position depends on flag S8shfR ; on the RN7, the bezel above the <f> key is marked with a white label «HOME» indicating the default longpress shortcut to menu HOME and the option to use USER mode assignment to longpress <f> (if KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
<f>	f	Shift f	f-shift		f	Keyboard	Keyboard normalSIM [Shift ; f]	Shift f (yellow) (Info : SBI position depends on flag S8shfR ; on the RN7, the bezel above the <f> key is marked with a white label «HOME» indicating the default longpress shortcut to menu HOME and the option to use USER mode assignment to longpress <f> (if KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
<f>	f	Shift f	f-shift		f	Keyboard	Keyboard [<f>]	Shift f (yellow) (Info : SBI position depends on flag S8shfR ; on the RN7, the bezel above the <f> key is marked with a white label «HOME» indicating the default longpress shortcut to menu HOME and the option to use USER mode assignment to longpress <f> (if KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
<f>	f	Shift f	f-shift		f	Keyboard	Keyboard alpha [<f>]	Shift f (yellow) (Info : SBI position depends on flag S8shfR ; on the RN7, the bezel above the <f> key is marked with a white label «HOME» indicating the default longpress shortcut to menu HOME and the option to use USER mode assignment to longpress <f> (if KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
<f>	f	Shift f	f-shift		f	Keyboard	Keyboard TAM [<f>]	Shift f (yellow) (Info : SBI position depends on flag S8shfR ; on the RN7, the bezel above the <f> key is marked with a white label «HOME» indicating the default longpress shortcut to menu HOME and the option to use USER mode assignment to longpress <f> (if KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
<f>	f	Shift f	f-shift		f	Keyboard	Keyboard #TAM [<f>]	Shift f (yellow) (Info : SBI position depends on flag S8shfR ; on the RN7, the bezel above the <f> key is marked with a white label «HOME» indicating the default longpress shortcut to menu HOME and the option to use USER mode assignment to longpress <f> (if KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Assignment.pdf) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
f	--	Local label f	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1]fF6	Easy access to local label f Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TamLabel_page_1.pdf
F	--	Local label F	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1]F6	Easy access to local label F (Shortcut : LBL {F}) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TamLabel_page_1.pdf
F	--	Register F	Register (lettered)			Lettered registers	See description	Register F (218) : General purpose register F (Info : Reached from STO/RCL [REG.2]F2 or STO/RCL {F})
F	--	Flag F	EasyAccess (TAM)			Trailing input	Menu [FLG.2]F2	Easy access to Flag F (218) (Shortcut : FF {F}) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_FLG_page_2.pdf
F	--	Flag F	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag F (218) (Info : Reached from FF [FLG.2]F2 or FF {F})
f	--	Subscript F	Character			Characters	See description	Character _f (Fontcode : 2D05 ₁₆)
F	--	Superscript F	Character			Characters	See description	Character ^F (Fontcode : 2B8B ₁₆)
f	--	Superscript f	Character			Characters	See description	Character ^f (Fontcode : 1DA8 ₁₆)
f g	--	f g layout	Layout	ON		Customisation	Menu [KEYS.1]fF1	f g keyboard layout (RN7v0) ; selecting this layout changes base keys and deletes all keyboard assignments (KEYS.R) (TI : RN7v0 L.Shift is f, R.Shift is g ; the layout is kept even on RESET) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_KEYS_page_1.pdf
[f Graph]	f Graph	Grapher [EQN]	MENU			Equations	Menu [EQN.1]fF6	Grapher (variables) menu for the algebraic expression entered in EQ.NEW ; enter value and press <var> button(s) to initialise variable(s), then press button for variable to be plotted using the drawing functions in menu Graphs ; if only one variable exists it will be selected and starred automatically (Ref : https://n7calc.com/doc/Application%20Notes/AN0813_C47_M_Graphs.pdf) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_EQN_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[f Graph]	f Graph	Grapher [EQN]	MENU			Equations	Catalog CAT.MENUS f Graph	Grapher (variables) menu for the algebraic expression entered in EQ.NEW ; enter value and press <var> button(s) to initialise variable(s), then press button for variable to be plotted using the drawing functions in menu Graphs ; if only one variable exists it will be selected and starred automatically (Ref : https://n7calc.com/doc/application%20Notes/AN0813_C07_IM_Graphs.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Graph_page_1.pdf
[f Solve]	f Solve	Solver [EQN]	MENU			Solver	Menu [EQN.1]F6	Solver (variables) menu for the algebraic expression (= 0) entered in NEW ; enter value and press <var> button(s) to initialise variable(s), then press button for variable to be solved for by the solver(s) in menu Tools ; if only one variable exists it will be selected and starred automatically (Info : TI : "Select Solver Variable" is presented if ToolS is activated without a variable having been selected first) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EQN_page_1.pdf
[f Solve]	f Solve	Solver [EQN]	MENU			Solver	Catalog CAT.MENUS f Solve	Solver (variables) menu for the algebraic expression (= 0) entered in NEW ; enter value and press <var> button(s) to initialise variable(s), then press button for variable to be solved for by the solver(s) in menu Tools ; if only one variable exists it will be selected and starred automatically (Info : TI : "Select Solver Variable" is presented if ToolS is activated without a variable having been selected first) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Solve_page_1.pdf
[F:]	F:	Fisher's F distribution	MENU			Probability (real)	Menu [DISTR.1]F4	Fisher's F probability distribution (continuous) (TI : RegM = d ₁ = ; RegN = d ₂ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[F:]	F:	Fisher's F distribution	MENU			Probability (real)	Catalog CAT.MENUS F:	Fisher's F probability distribution (continuous) (TI : RegM = d ₁ = ; RegN = d ₂ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F_page_1.pdf
F.1234	--	Function keys do full cycle	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [MODE.3]gF3	Longpress control : Function keys do full cycle (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 3. longerpress : g-shift ; 4. longestpress : NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
F.1234	--	Function keys do full cycle	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [PREF.3]gF3	Longpress control : Function keys do full cycle (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 3. longerpress : g-shift ; 4. longestpress : NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
F.124	--	Function keys skip g-shift	Setting (pgm)	ON	<no annunciator>	User interface	Menu [MODE.3]gF2	Longpress control : Function keys skip g-shift (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 4. longestpress : NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
F.124	--	Function keys skip g-shift	Setting (pgm)	ON	<no annunciator>	User interface	Menu [PREF.3]gF2	Longpress control : Function keys skip g-shift (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 4. longestpress : NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
F.14	--	Function keys skip f- and g-shift	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [MODE.3]gF1	Longpress control : Function keys skip f- and g-shift (Info : 1. primaryNM : unshifted ; 4. longestpress : NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
F.14	--	Function keys skip f- and g-shift	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [PREF.3]gF1	Longpress control : Function keys skip f- and g-shift (Info : 1. primaryNM : unshifted ; 4. longestpress : NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
[f']	f'	First derivative menu [EQN]	MENU			Equations	Menu [EQN.1]F4	Numerically calculate first derivative using current expression, at value of starred variable and using step size of δ_4 , as specified using the buttons in this menu (TI : $\delta =$; $f' =$; Info : if no step size is entered, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as "δ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EQN_page_1.pdf
[f']	f'	First derivative menu [EQN]	MENU			Equations	Catalog CAT.MENUS f'	Numerically calculate first derivative using current expression, at value of starred variable and using step size of δ_4 , as specified using the buttons in this menu (TI : $\delta =$; $f' =$; Info : if no step size is entered, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as "δ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-prime_page_1.pdf
f''	f''	Second derivative (RPN)	Command (submnu)			RPN Calculus and plotting	Menu [ADV.1]F6	Numerically calculate second derivative using RPN program, at value of starred MVAR variable and using step size of δ_4 , as specified using the buttons in the (MVAR (delta)) menu presented (TAM : f' ___ TamLbOnly menu ; TI : $\delta =$; $f'' =$; Info : if no step size is entered, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as "δ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
[f'']	f''	Second derivative menu [EQN]	MENU			Equations	Menu [EQN.1]F3	Numerically calculate second derivative using current expression, at value of starred variable and using step size of δ_4 , as specified using the buttons in this menu (TI : $\delta =$; $f'' =$; Info : if no step size is entered, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as "δ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EQN_page_1.pdf

Copyright © 2026 The C47/R47 Development Team. Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, gnu.org

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
FBR	FBR	Font browser	Browser (nonpgm)			Text functions	Menu [α.FN.1] F1	Browse system fonts (character tables) (Info : Press [EXIT] to exit Font browser and browse using [*] and [4] ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Font_browser.pdf) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_alpha-FN_page_1.pdf
FC?	FC?	Flag clear?	Command (logical)			Programming	Menu [FLAG.1] F5	Test flag clear? (TAM : FC? __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FLAG_page_1.pdf
FC?C	FC?C	Flag clear? and clear	Command (logical)			Programming	Menu [FLAG.1] FF6	Test flag clear? and clear (TAM : FC?C __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FLAG_page_1.pdf
FC?F	FC?F	Flag clear? and flip	Command (logical)			Programming	Menu [FLAG.1] FF4	Test flag clear? and flip (TAM : FC?F __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FLAG_page_1.pdf
FC?S	FC?S	Flag clear? and set	Command (logical)			Programming	Menu [FLAG.1] FF5	Test flag clear? and set (TAM : FC?S __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FLAG_page_1.pdf
[FCNS]	FCNS	Functions	MENU (ASM)			Catalog	Menu [CAT.1] F1	Catalog of all calculator functions (Info : Type characters 1-2 to search ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_CAT-FCNS.pdf) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CAT_page_1.pdf
[FCNS]	FCNS	Functions	MENU (ASM)			Catalog	Catalog CAT.MENU FCNS	Catalog of all calculator functions (Info : Type characters 1-2 to search ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_CAT-FCNS.pdf) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FCNS_page_1.pdf
[FCNS]	FCNSe	Functions (equation)	MENU (ASM)			Catalog	Catalog CAT.MENU FCNSe	Catalog of all calculator functions available in Equation Input Mode (Info : Type characters 1-2 to search) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FCNS_EQN_page_1.pdf
[FCNS]	FCNSe	Functions (equation)	MENU (ASM)			Catalog	Menu [CAT.1] F1	Catalog of all calculator functions available in Equation Input Mode (Info : Type characters 1-2 to search) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CAT_EQN_page_1.pdf
FDIGS	FDIGS ₃₄	Set significant digits for fractions	Setting (pgm)	34	[+±]	Fractions	Menu [DISP.1] gF4	Set the number of significant digits (1-34) used by the approximations of the fraction modes ; SBI = indicates fractions can be approximated to be close enough (displayed if FDIGS < 34) (TAM : FDIGS __ TamNonReg menu ; Info : SBI [+±] is shown if flag SBfrac is SET) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_DISP_page_1.pdf
FDIGS#	FDIGS#	Get significant digits for fractions	Command	34		Fractions	Menu [INFO.2] fF4	Get the number of significant digits (1-34) used by the approximations of the fraction modes (Info : Set by FDIGS) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_INFO_page_2.pdf
fēn→m	--	fēn to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.2] gF5	Convert fēn to metre (Tl : m) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_Length_page_2.pdf
FF	FF	Flip flag	Command			Programming	Menu [BASE.1] gF5	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_BASE_page_1.pdf
FF	FF	Flip flag	Command			Programming	Menu [BASE.2] gF5	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_BASE_page_2.pdf
FF	FF	Flip flag	Command			Programming	Menu [BITS.1] gF5 (Also) reached from MENU (item) BITSHFT	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_BITS_page_1.pdf
FF	FF	Flip flag	Command			Programming	Menu [BITS.2] gF5 (Also) reached from MENU (item) BITSHFT	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_BITS_page_2.pdf
FF	FF	Flip flag	Command			Programming	Menu [FLAG.1] F3	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FLAG_page_1.pdf
FF	FF	Flip flag	Command			Programming	Menu [MyM.10] F4	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_MyMenu_page_1.pdf
FF	FF	Flip flag	Command			Programming	Menu [MyM.8] F4	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_MyMenu_page_9.pdf
FF	FF	Flip flag	Command			Programming	Menu [BITSET.1] gF5	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_BITSET_page_1.pdf
FF	FF	Flip flag	Command			Programming	Menu [BITSHFT (BITS).1] gF5	Flip flag (toggle) (TAM : FF __ TamFlag menu) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_BITSHFT_page_1.pdf
[FFF+;]	FFF+;	Humorous conversions	MENU		<no annunciator>	Humorous conversions	Menu [CONV.1] gF6	Conversions to and from the furlong-firkin-fortnight (FFF) system (and bananas and beardseconds) -- see https://en.wikipedia.org/wiki/FFF_system (Info : Flag CONV _H may be SET for <to> +; <to> unit conversion buttons ; CLEAR for <from> +; <from> unit conversion buttons (default SET)) [https://en.wikipedia.org/wiki/FFF_system] Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CONV_page_1.pdf
[FFF+;]	FFF+;	Humorous conversions	MENU		<no annunciator>	Humorous conversions	Catalog CAT.MENU FFF+;	Conversions to and from the furlong-firkin-fortnight (FFF) system (and bananas and beardseconds) -- see https://en.wikipedia.org/wiki/FFF_system (Info : Flag CONV _H may be SET for <to> +; <to> unit conversion buttons ; CLEAR for <from> +; <from> unit conversion buttons (default SET)) [https://en.wikipedia.org/wiki/FFF_system] Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_FFF+_page_1.pdf
fg.FUL	fg.FUL 	Menu f,g-highlighting Full	Setting (pgm)	ON	<no annunciator>	User interface	Menu [MODE.3] F6	Switch on menu f,g-highlighting full (Info : fg.FUL and fg.LIM are linked (both cannot be ON at the same time)) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_MODE_page_3.pdf
fg.FUL	fg.FUL 	Menu f,g-highlighting Full	Setting (pgm)	ON	<no annunciator>	User interface	Menu [PREF.3] F6	Switch on menu f,g-highlighting full (Info : fg.FUL and fg.LIM are linked (both cannot be ON at the same time)) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_PREF_page_3.pdf
fg.FUL	--	Menu f,g-highlighting Full	Flag	SET	<no annunciator>	User interface	Menu [SYS.FL.2] fF2 (Also) reached from MENU (item, nonpgm) CFL6	SET for menu f,g-highlighting full ; CLEAR for menu f,g-highlighting full inactive (Info : fg.FUL and fg.LIM are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_SYS-FL_page_2.pdf
fg.FUL	--	Menu f,g-highlighting Full	Flag	SET	<no annunciator>	User interface	Menu [CFL6 (SYS.FL).2] fF2	SET for menu f,g-highlighting full ; CLEAR for menu f,g-highlighting full inactive (Info : fg.FUL and fg.LIM are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CFL6_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
fg.GR	--	Menu f,g-highlighting Grey	Flag	CLEAR	<no annunciator>	User interface	Menu [SYS.FL.2] fF3 (Also) reached from MENU (item, nonpgm) CFLG	SET for menu f,g-highlighting grey; CLEAR for menu f,g-highlighting grey inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_2.pdf
fg.GR	--	Menu f,g-highlighting Grey	Flag	CLEAR	<no annunciator>	User interface	Menu [CFLG (SYS.FL.)2] fF3	SET for menu f,g-highlighting grey; CLEAR for menu f,g-highlighting grey inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_2.pdf
fg.GR	fg.GR □	Menu f,g-highlighting Grey	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [MODE.3] F4	Switch on menu f,g-highlighting grey Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
fg.GR	fg.GR □	Menu f,g-highlighting Grey	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [PREF.3] F4	Switch on menu f,g-highlighting grey Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
fg.LIM	fg.LIM □	Menu f,g-highlighting Limited	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [MODE.3] F5	Switch on menu f,g-highlighting limited (Info : fg.LIM and fg.FUL are linked (both cannot be ON at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
fg.LIM	fg.LIM □	Menu f,g-highlighting Limited	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [PREF.3] F5	Switch on menu f,g-highlighting limited (Info : fg.LIM and fg.FUL are linked (both cannot be ON at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
fg.LIM	--	Menu f,g-highlighting Limited	Flag	CLEAR	<no annunciator>	User interface	Menu [SYS.FL.2] fF4 (Also) reached from MENU (item, nonpgm) CFLG	SET for menu f,g-highlighting limited; CLEAR for menu f,g-highlighting limited inactive (Info : fg.LIM and fg.FUL are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_2.pdf
fg.LIM	--	Menu f,g-highlighting Limited	Flag	CLEAR	<no annunciator>	User interface	Menu [CFLG (SYS.FL.)2] fF4	SET for menu f,g-highlighting limited; CLEAR for menu f,g-highlighting limited inactive (Info : fg.LIM and fg.FUL are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_2.pdf
FIB	FIB	Fibonacci number	Function (monadic)			Mathematics	Menu [X.FN.1] F4	Fibonacci number n, where $n = X$ -- see https://en.wikipedia.org/wiki/Fibonacci_sequence [https://en.wikipedia.org/wiki/Fibonacci_sequence] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
FIB	FIB	Fibonacci number	Function (monadic)			Mathematics	Menu [FCNS.2] F1	Fibonacci number n, where $n = X$ -- see https://en.wikipedia.org/wiki/Fibonacci_sequence [https://en.wikipedia.org/wiki/Fibonacci_sequence] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_2.pdf
FILL	FILL	Fill stack	Command			Stack	Menu [STK.1] F5	Fill stack with value in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
[FIN]	FIN	Financial	MENU			Financial	Menu [BLUEX.3] gF3	Financial calculations including time value of money (TVM) and TVM cash flow (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Formulas.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUEX7_page_3.pdf
[FIN]	FIN	Financial	MENU			Financial	Keyboard g[-]	Financial calculations including time value of money (TVM) and TVM cash flow (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Formulas.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
[FIN]	FIN	Financial	MENU			Financial	Menu [MyM.3] F6	Financial calculations including time value of money (TVM) and TVM cash flow (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Formulas.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_3.pdf
[FIN]	FIN	Financial	MENU			Financial	Menu [MyM.7] F6	Financial calculations including time value of money (TVM) and TVM cash flow (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Formulas.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_7.pdf
[FIN]	FIN	Financial	MENU			Financial	Catalog CAT.MENUS FIN	Financial calculations including time value of money (TVM) and TVM cash flow (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Formulas.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FIN_page_1.pdf
FIND	M.FIND	Find element	Function (monadic)			Matrix operations	Menu [MATX.3] ff5	Find element X of indexed matrix, setting row index I and column indexes if found (unchanged otherwise) (Info : If used in a program, the next step after M.FIND is performed if the element is found, otherwise it is skipped) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
fir→kg	--	fir to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [FFF+.1] fF3	Convert firkin to kilogram (Tl : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
fir→lbs	--	fir to lbs	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [FFF+.1] gF3	Convert firkin to pound (Tl : lbs) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
FIX	FIX O	FIXed notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.1] F1	Set numeric display mode to fixed notation with nn decimals (NDEC = nn = 0-19 ; DF = 1) (TAM : FIX --- TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
FIX	FIX O	FIXed notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [MLoads.1] gF3	Set numeric display mode to fixed notation with nn decimals (NDEC = nn = 0-19 ; DF = 1) (TAM : FIX --- TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MLoads_page_1.pdf
FIX	FIX O	FIXed notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [PLoads.1] gF3	Set numeric display mode to fixed notation with nn decimals (NDEC = nn = 0-19 ; DF = 1) (TAM : FIX --- TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLoads_page_1.pdf
FIX	FIX O	FIXed notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [Struct.1] gF1	Set numeric display mode to fixed notation with nn decimals (NDEC = nn = 0-19 ; DF = 1) (TAM : FIX --- TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Struct_page_1.pdf
[FLAG]	FLAG	Flags	MENU			Programming	Keyboard f[3]	Setting, clearing and testing flags Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[FLAG]	FLAG	Flags	MENU			Programming	Catalog CAT.MENU FLAG	Setting, clearing and testing flags Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
fld→dB	--	fld to dB	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [Misc.:1] F5	Convert field ratio to decibel (TI : dB) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Misc_page_1.pdf
[FLG]	--	TAM (flag)	MENU (TAM)			Trailing input	Menu [TamFlag.1] gF6	Presented in menu TamFlag to quickly select lettered flags (Info : Shortcut [A] indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Flags_p1.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
FLGS	FLGS	Flag browser	Browser			Status	Menu [BLUE7.3] fF1	Browse status pages (flags 00-99, lettered flags, status overview, system flags) (Info : Press [EXIT] to exit Flag browser and browse using [*] and [4] ; browser STATUS in menu FLAG shows the same status pages in a different order ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Flags_p1.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_3.pdf
FLGS	FLGS	Flag browser	Browser			Status	Keyboard g [4]	Browse status pages (flags 00-99, lettered flags, status overview, system flags) (Info : Press [EXIT] to exit Flag browser and browse using [*] and [4] ; browser STATUS in menu FLAG shows the same status pages in a different order ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Flags_p1.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
[FLoads:]	FLoads:	Force loads conversions	MENU			Miscellaneous conversions	Catalog CAT.MENU FLoads:	Convert between units of force loads ; typical structural loads units (Info : Flag CONV _W may be SET for <to> « ₁ » <to> unit conversion buttons; CLEAR for <from> « ₁ » <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLoads_page_1.pdf
[FLoads:]	FLoads:	Force loads conversions	MENU			Miscellaneous conversions	Menu [Struct.:1] F3	Convert between units of force loads ; typical structural loads units (Info : Flag CONV _W may be SET for <to> « ₁ » <to> unit conversion buttons; CLEAR for <from> « ₁ » <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Struct_page_1.pdf
[FLoads:]	FLoads:	Force loads conversions	MENU			Miscellaneous conversions	Menu [FLoads.:1] gF2	Convert between units of force loads ; typical structural loads units (Info : Flag CONV _W may be SET for <to> « ₁ » <to> unit conversion buttons; CLEAR for <from> « ₁ » <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLoads_page_1.pdf
floor	floor	Floor	Function (monadic)			Reals	Menu [REAL.1] gF1	Mathematical floor of number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
floor	floor	Floor	Function (monadic)			Reals	Menu [FCNS.2] F2	Mathematical floor of number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_2.pdf
floz _{UK} →c _{UP} _{UK}	--	floz _{UK} to c _{UP} _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:1] fF5	Convert UK fluid ounce to UK imperial cup (TI : c _{UP} _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
floz _{UK} →gal _{UK}	--	floz _{UK} to gal _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.:1] gF1	Convert UK fluid ounce to UK gallon (TI : gal _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
floz _{UK} →in ³	--	floz _{UK} to in ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.:1] F3	Convert UK fluid ounce to cubic inch (TI : in ³) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
floz _{UK} →mℓ	--	floz _{UK} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.:1] fF1	Convert UK fluid ounce to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
floz _{UK} →mℓ	--	floz _{UK} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:1] gF1	Convert UK fluid ounce to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
floz _{UK} →tbsp _{UK}	--	floz _{UK} to tbsp _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:1] fF3	Convert UK fluid ounce to UK imperial tablespoon (TI : t _{bsp} _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
floz _{UK} →tsp _{UK}	--	floz _{UK} to tsp _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:1] fF1	Convert UK fluid ounce to UK imperial teaspoon (TI : t _{sp} _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
floz _{US} →c _{UP} _{US}	--	floz _{US} to c _{UP} _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:2] fF5	Convert US fluid ounce to US customary cup (TI : c _{UP} _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
floz _{US} →gal _{US}	--	floz _{US} to gal _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.:2] gF1	Convert US fluid ounce to US gallon (TI : gal _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
floz _{US} →in ³	--	floz _{US} to in ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.:2] F3	Convert US fluid ounce to cubic inch (TI : in ³) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
floz _{US} →mℓ	--	floz _{US} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.:2] fF1	Convert US fluid ounce to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
floz _{US} →mℓ	--	floz _{US} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:2] gF1	Convert US fluid ounce to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
floz _{US} →Tbsp _{US}	--	floz _{US} to Tbsp _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:2] fF3	Convert US fluid ounce to US customary tablespoon (TI : T _{bsp} _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
floz _{US} →tsp _{US}	--	floz _{US} to tsp _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.:2] fF1	Convert US fluid ounce to US customary teaspoon (TI : t _{sp} _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
foe→J	--	foe to J	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.:1] fF5	Convert foe to Joule (TI : J) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
FP	FP	Fractional Part	Function (monadic)			Fractions	Menu [REAL.1] F2	Fractional Part of real number (Shortcut : #TAM [LN] (F) for closed number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
FP	FP	Fractional Part	Function (monadic)			Fractions	Menu [HOME.1] gF1	Fractional Part of real number (Shortcut : #TAM [LN] (F) for closed number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
FP	FP	Fractional Part	Function (monadic)			Fractions	Keyboard #TAM [LN]	Fractional Part of real number (Shortcut : #TAM [LN] (F) for closed number) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
FP?	FP?	Fractional Part?	Command (logical)			Programming	Menu [TEST.3] F1	Test X has nonzero fractional part and is Real number (1.0-1.5) (test function R? is true) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
[FPART]	FPART	Select FP separator	MENU			Display	Catalog CAT.MENU FPART	Select fractional part separator Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[FPART_]	FPART	Select FP separator	MENU (item, nonpgm)			Display	Menu [DISP.1]gF3	Select fractional part separator ; button label showing current separator (.) ; symbol # for no separator (Info : CAT.MENUS FPART) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DISP_page_1.pdf
[FPART_]	FPART	Select FP separator	MENU (item, nonpgm)			Display	Catalog CAT.MENUS FPART	Select fractional part separator ; button label showing current separator (.) ; symbol # for no separator (Info : CAT.MENUS FPART) Ref : https://N7calc.com/doc/R47/Menus/xxx1.pdf
FPGRP	FPGRP ₃	FP group size	Setting (pgm)	3	<no annunciator>	Display	Menu [FPART.1]gF1 (Also) reached from MENU (item, nonpgm) FPART_	Set fractional part group size (2-9 digits) (TAM : FPGRP _ TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_FPART_page_1.pdf
FRACT	FRACT ☐	Fractions mode	Setting	OFF	$a^b/n ; ^b/n ; [+≐]$	Fractions	Menu [DISP.1]fF1	Switch on fractions mode ; not programmable - in PEM, use flag FRACT (Info : FRACT and IRFRAC are linked (both cannot be ON at the same time) ; /n or /max denotes maximum denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3]fF5 (DMXX)) ; prefixes < and > may be shown as needed for rational fractions ; also see flag IRFRAC) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DISP_page_1.pdf
FRACT	--	Fractions mode	Flag	CLEAR	$a^b/n ; ^b/n ; [+≐]$	Fractions	Menu [SYS.FL.2]fF5 (Also) reached from MENU (item, nonpgm) CFLG	SET for fractions mode ; CLEAR for fractions mode inactive (Info : FRACT and IRFRAC are linked (both cannot be SET at the same time) ; /n or /max denotes maximum denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3]fF5 (DMXX)) ; prefixes < and > may be shown as needed for rational fractions ; also see flag IRFRAC ; SBI ≐ indicates FDIOS < 3 _h ; SBI is shown if flag SBfrac is SET ; exit fraction modes by .d or CLRMOD (longerpress [EXIT])) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
FRACT	--	Fractions mode	Flag	CLEAR	$a^b/n ; ^b/n ; [+≐]$	Fractions	Menu [CFLG (SYS.FL).2]fF5	SET for fractions mode ; CLEAR for fractions mode inactive (Info : FRACT and IRFRAC are linked (both cannot be SET at the same time) ; /n or /max denotes maximum denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3]fF5 (DMXX)) ; prefixes < and > may be shown as needed for rational fractions ; also see flag IRFRAC ; SBI ≐ indicates FDIOS < 3 _h ; SBI is shown if flag SBfrac is SET ; exit fraction modes by .d or CLRMOD (longerpress [EXIT])) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_CFLG_page_2.pdf
FRCSRN	--	Fraction show register name	Flag	CLEAR	<no annunciator>	Fractions	Menu [SYS.FL.2]fF6 (Also) reached from MENU (item, nonpgm) CFLG	SET for displaying register name in fractions mode ; CLEAR for not displaying register name in fractions mode (Prefix : x, y, z, t < or = or > or ≐) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
FRCSRN	--	Fraction show register name	Flag	CLEAR	<no annunciator>	Fractions	Menu [CFLG (SYS.FL).2]fF6	SET for displaying register name in fractions mode ; CLEAR for not displaying register name in fractions mode (Prefix : x, y, z, t < or = or > or ≐) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_CFLG_page_2.pdf
FRCYC	FRCYC ☐	Fraction mode full cycle	Setting	OFF	<no annunciator>	Fractions	Menu [DISP.1]gF5	Switch on full cycle on key a b/c (g[.]) ; not programmable - in PEM, use flag FRCYC (Info : When FRCYC is ON full cycle is available, when OFF, flag PROPFPR is excluded (used as is) and OFF state is included in cycle) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_DISP_page_1.pdf
FRCYC	--	Fraction mode full cycle	Flag	CLEAR	<no annunciator>	Fractions	Menu [SYS.FL.2]gF1 (Also) reached from MENU (item, nonpgm) CFLG	SET for full cycle on key a b/c (g[.]) ; CLEAR for limited cycle on key a b/c (g[.]) (Info : When FRCYC is SET full cycle is available, when CLEAR, flag PROPFPR is excluded (used as is) and OFF state is included in cycle) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
FRCYC	--	Fraction mode full cycle	Flag	CLEAR	<no annunciator>	Fractions	Menu [CFLG (SYS.FL).2]gF1	SET for full cycle on key a b/c (g[.]) ; CLEAR for limited cycle on key a b/c (g[.]) (Info : When FRCYC is SET full cycle is available, when CLEAR, flag PROPFPR is excluded (used as is) and OFF state is included in cycle) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_CFLG_page_2.pdf
FreeF	--	FreeF	User Program			Test programs	Menu [PROGS.1]F4 (Also) reached from MENU (TAM, ASM) PROG	FreeF test program, available to load from PROGRAMS/ALLPGMS/FreeF.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PROGS_page_1.pdf
FreeF	--	FreeF	User Program			Test programs	Menu [PROG (PROGS).1]F4	FreeF test program, available to load from PROGRAMS/ALLPGMS/FreeF.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PROG_page_1.pdf
FreeFp	--	FreeFp	User Program			Test programs	Menu [PROGS.1]F5 (Also) reached from MENU (TAM, ASM) PROG	FreeFp test program, available to load from PROGRAMS/ALLPGMS/FreeFp.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PROGS_page_1.pdf
FreeFp	--	FreeFp	User Program			Test programs	Menu [PROG (PROGS).1]F5	FreeFp test program, available to load from PROGRAMS/ALLPGMS/FreeFp.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PROG_page_1.pdf
FreFp2	--	FreFp2	User Program			Test programs	Menu [PROGS.1]F6 (Also) reached from MENU (TAM, ASM) PROG	FreFp2 test program, available to load from PROGRAMS/ALLPGMS/FreFp2.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PROGS_page_1.pdf
FreFp2	--	FreFp2	User Program			Test programs	Menu [PROG (PROGS).1]F6	FreFp2 test program, available to load from PROGRAMS/ALLPGMS/FreFp2.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_PROG_page_1.pdf
FS?	FS?	Flag set?	Command (logical)			Programming	Menu [FLAG.1]F2	Test flag set? (TAM : FS? _ TamFlag menu) Ref : https://N7calc.com/doc/R47/Menus/R47v0_Menu_FLAG_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
FS?C	FS?C	Flag set? and clear	Command (logical)			Programming	Menu [FLAG.1] fF2	Test flag set? and clear (TAM : FS?C ... TamFlag menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
FS?F	FS?F	Flag set? and flip	Command (logical)			Programming	Menu [FLAG.1] fF3	Test flag set? and flip (TAM : FS?F ... TamFlag menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
FS?S	FS?S	Flag set? and set	Command (logical)			Programming	Menu [FLAG.1] fF1	Test flag set? and set (TAM : FS?S ... TamFlag menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
FSE	FSEALL	Fixed-Scientific-Engineering	Setting (cyclic)	ALL	<no annunciator>	Display	Menu [Prefix.1] F6	Display mode cycling (FIX ; SCI ; ENG ; UNIT ; SIG ; ALL) (Info : FSEFIX ; FSESCI ; FSEENG ; FSEUNIT ; FSESIG ; FSEALL) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Prefix_page_1.pdf
ft\bf→N·m	--	ft\bf to N·m	Function (monadic, linked)		<no annunciator>	Torque/moment conversions	Menu [Misc.1] F4	Convert foot-pound force to Newton-metre (TI : Nm) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Misc_page_1.pdf
ft\bf→N·m	--	ft\bf to N·m	Function (monadic, linked)		<no annunciator>	Torque/moment conversions	Menu [Loads.1] F1	Convert foot-pound force to Newton-metre (TI : Nm) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Loads_page_1.pdf
ft/s→km/h	--	ft/s to km/h	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] fF1	Convert foot per second to kilometre per hour (TI : km/h) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
ft/s→m/s	--	ft/s to m/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] fF5	Convert foot per second to metre per second (TI : m/s) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
ft/s→mph	--	ft/s to mph	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] fF3	Convert foot per second to mile per hour (TI : mph) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
ft/s²→m/s²	--	ft/s² to m/s²	Function (monadic, linked)		<no annunciator>	Acceleration conversions	Menu [Loads.1] gF6	Convert foot per second squared to metre per second squared (TI : m/s²) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Loads_page_1.pdf
ft→m	--	ft to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.1] fF3	Convert foot to metre (TI : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
ft²→ha	--	ft² to ha	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1] gF1	Convert square foot to hectare (TI : ha) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
ft²→m²	--	ft² to m²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1] gF3	Convert square foot to square metre (TI : m²) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
ft³→gal _{UK}	--	ft³ to gal _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] F4	Convert cubic foot to UK gallon (TI : gal _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
ft³→gal _{US}	--	ft³ to gal _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] F4	Convert cubic foot to US gallon (TI : gal _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
ft³→ℓ	--	ft³ to ℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] F5	Convert cubic foot to litre (TI : ℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
ft³→ℓ	--	ft³ to ℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] F5	Convert cubic foot to litre (TI : ℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
ftn→s	--	ftn to s	Function (monadic, linked)		<no annunciator>	Time conversions	Menu [FFF+.1] F3	Convert fortnight to second (TI : s) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
fur/ftn→km/h	--	fur/ftn to km/h	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [FFF+.1] fF5	Convert furlong per fortnight to kilometre per hour (TI : km/h) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
fur/ftn→m/s	--	fur/ftn to m/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [FFF+.1] F5	Convert furlong per fortnight to metre per second (TI : m/s) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
fur/ftn→mph	--	fur/ftn to mph	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [FFF+.1] gF5	Convert furlong per fortnight to mile per hour (TI : mph) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
fur→m	--	fur to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.1] F1	Convert furlong to metre (TI : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
FV	FV	TVM future value	Variable (real)	0		Financial	Menu [ALL.1] F3 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the TVM future value (FV) ; displays as F in menu TVM when value is large (TI : FV = Future Value =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
FV	FV	TVM future value	Variable (real)	0		Financial	Menu [VAR (ALL.1)] F3	Reserved Real variable for the TVM future value (FV) ; displays as F in menu TVM when value is large (TI : FV = Future Value =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
FV	FV	TVM future value	Variable (real)	0		Financial	Menu [REALS.1] F3	Reserved Real variable for the TVM future value (FV) ; displays as F in menu TVM when value is large (TI : FV = Future Value =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
FV	FV	TVM future value	Variable (real)	0		Financial	Menu [NUMBRS.1] F3	Reserved Real variable for the TVM future value (FV) ; displays as F in menu TVM when value is large (TI : FV = Future Value =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
FV	FV	TVM future value	Variable (real)	0		Financial	Menu [TVM.1] F5	Reserved Real variable for the TVM future value (FV) ; displays as F in menu TVM when value is large (TI : FV = Future Value =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
FV	--	TVM future value	EasyAccess (TAM)	0		Trailing input	Menu [TamRclTVM.1] F5	Easy access to variable FV to recall TVM future value (RCL 'FV') (TI : 'FV') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
FV	--	TVM future value	EasyAccess (TAM)	0		Trailing input	Menu [TamStoTVM.1] F5	Easy access to variable FV to store TVM future value (STO 'FV') (TI : 'FV') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf
F ⁻¹ (p)	F ⁻¹ (p)	Fisher's F qf (inverse)	Function (monadic)			Probability (real)	Menu [F.1] F6	Fisher's F inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F_page_1.pdf
G	--	Newtonian constant of gravitation	Constant			Constants	Menu [CNST.1] fF6	Constant # 13 G c _{grav} .nut = +6.6743 × 10 ⁻¹¹ (Unit : m³/kg.s²) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_1.pdf
G	--	G	Character			Characters	Keyboard alpha [STO]	Character G (Fontcode : 0B4714) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
G	--	G	Character			Characters	Keyboard alphaSIM [g]	Character G (Fontcode : 0B4714) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
g	--	g	Character			Characters	Keyboard alpha f [STO]	Character g (Fontcode : 0B6714) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
<g>	g	Shift g	g-shift		g	Keyboard	Keyboard [<g>]	Shift g (blue) (Info : SBI position depends on flag SBshfR ; on the R47, the bezel above the <g> key is marked with a white label «CUSTa hinting at the default longpress shortcut to menu MyM (MyMenu) and the option to use USER mode assignment to longpress <g> (if KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
<g>	g	Shift g	g-shift		g	Keyboard	Keyboard alpha [<g>]	Shift g (blue) (Info : SBI position depends on flag SBshFR ; on the R47, the bezel above the <g> key is marked with a white label «CUSTa» hinting at the default longpress shortcut to menu MyM (MyMenu) and the option to use USER mode assignment to longpress <g> (If KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
<g>	g	Shift g	g-shift		g	Keyboard	Keyboard TAM [<g>]	Shift g (blue) (Info : SBI position depends on flag SBshFR ; on the R47, the bezel above the <g> key is marked with a white label «CUSTa» hinting at the default longpress shortcut to menu MyM (MyMenu) and the option to use USER mode assignment to longpress <g> (If KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
<g>	g	Shift g	g-shift		g	Keyboard	Keyboard alphaSIM [Ctrl]	Shift g (blue) (Info : SBI position depends on flag SBshFR ; on the R47, the bezel above the <g> key is marked with a white label «CUSTa» hinting at the default longpress shortcut to menu MyM (MyMenu) and the option to use USER mode assignment to longpress <g> (If KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
<g>	g	Shift g	g-shift		g	Keyboard	Keyboard #TAM [<g>]	Shift g (blue) (Info : SBI position depends on flag SBshFR ; on the R47, the bezel above the <g> key is marked with a white label «CUSTa» hinting at the default longpress shortcut to menu MyM (MyMenu) and the option to use USER mode assignment to longpress <g> (If KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
<g>	g	Shift g	g-shift		g	Keyboard	Keyboard normalSIM [Ctrl ; g]	Shift g (blue) (Info : SBI position depends on flag SBshFR ; on the R47, the bezel above the <g> key is marked with a white label «CUSTa» hinting at the default longpress shortcut to menu MyM (MyMenu) and the option to use USER mode assignment to longpress <g> (If KEY.LP is SET, see menu description and Ref : https://n7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
G	--	Register G	EasyAccess (TAM)			Trailing input	Menu [REG.2]F3	Easy access to Register G (218) : General purpose register G ; also used to store third to last long integer prime factor for FACTORS (Shortcut : STO/RCL {G} ; TI : G.) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_REG_page_2.pdf
{G}	--	Register G	EasyAccess (TAM)			Trailing input	Keyboard TAM [STO]	Easy access to Register G (218) : General purpose register G ; also used to store third to last long integer prime factor for FACTORS (Shortcut : STO/RCL {G} ; TI : G.) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
g	--	Local label g	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1]gF1	Easy access to local label g Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamLabel_page_1.pdf
{G}	--	Local label G	EasyAccess (TAM)			Trailing input	See description	Easy access to local label G (Shortcut : LBL {G})
G	--	Register G	Register (lettered)			Lettered registers	See description	Register G (218) : General purpose register G ; also used to store third to last long integer prime factor for FACTORS (Info : Reached from STO/RCL [REG.2]F3 or STO/RCL {G})
G	--	Flag G	EasyAccess (TAM)			Trailing input	Menu [FLG.2]F3	Easy access to Flag G (218) (Shortcut : FF {G}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FLG_page_2.pdf
G	--	Flag G	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag G (218) (Info : Reached from FF [FLG.2]F3 or FF {G})
g	--	Subscript G	Character			Characters	See description	Character _G (Fontcode : 2406 ₁₆)
G	--	Superscript G	Character			Characters	See description	Character ^G (Fontcode : 240C ₁₆)
g	--	Superscript g	Character			Characters	See description	Character ^g (Fontcode : 1040 ₁₆)
Ġ	--	G breve	Character			Characters	Menu [aINTL.2]fF1	International character Ġ (Fontcode : 811E ₁₆ ; Info : press [4] for ġ at [aintl.2]fF1) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_alphaINTL_page_2.pdf
ġ	--	g breve	Character			Characters	Menu [aintl.2]fF1	International character ġ (Fontcode : 811F ₁₆ ; Info : press [4] for ġ at [aintl.2]fF1) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_alphaINTL-lower_page_2.pdf
g.2Tp	g.2Tp ■	Double tap function keys	Setting	ON	<no annunciator>	User interface	Menu [MODE.3]F2	Switch on double tap function keys for g-shift ; not programmable - in PEM, use flag g.2Tp (Info : Blocked for navigation FN-keys (arrows) in editors) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MODE_page_3.pdf
g.2Tp	g.2Tp ■	Double tap function keys	Setting	ON	<no annunciator>	User interface	Menu [PREF.3]F2	Switch on double tap function keys for g-shift ; not programmable - in PEM, use flag g.2Tp (Info : Blocked for navigation FN-keys (arrows) in editors) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PREF_page_3.pdf
g.2Tp	--	Double tap function keys	Flag	SET	<no annunciator>	User interface	Menu [SYS.FL.2]gF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for double tap function keys for g-shift ; CLEAR for double tap function keys inactive (Info : Blocked for navigation FN-keys (arrows) in editors) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
g.2Tp	--	Double tap function keys	Flag	SET	<no annunciator>	User interface	Menu [CFL6 (SYS.FL.2)]gF3	SET for double tap function keys for g-shift ; CLEAR for double tap function keys inactive (Info : Blocked for navigation FN-keys (arrows) in editors) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFL6_page_2.pdf
gd	gd	Gudermannian function	Function (monadic)			Mathematics	Menu [X.FN.1]gF1	Gudermannian function -- see http://en.wikipedia.org/wiki/Gudermannian_function [http://en.wikipedia.org/wiki/Gudermannian_function] Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_X-FN_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
g_d	g_d	Gudermannian function	Function (monadic)			Mathematics	Menu [FCNS.2] F3	Gudermannian function -- see http://en.wikipedia.org/wiki/Gudermannian_function [http://en.wikipedia.org/wiki/Gudermannian_function] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_2.pdf
g_e	--	Landé's electron g-factor	Constant			Constants	Menu [CNST.1] gF3	Constant # 16 g _e gfact.elec = -2.0023183046892 Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
g→carat	--	g to carat	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2] fF2	Convert gram to carat (TI : carat) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
g→oz	--	g to oz	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] F8	Convert gram to ounce (TI : oz) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
g→tr oz	--	g to tr oz	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] fF8	Convert gram to troy ounce (TI : tr oz) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
g_⊕	--	Standard Earth acceleration	Constant			Constants	Menu [CNST.1] gF5	Constant # 18 g _⊕ acc.earth = +9.80665 (Unit : m/s²) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
G₀	--	Conductance quantum	Constant			Constants	Menu [CNST.1] gF1	Constant # 14 G ₀ cond.quant = +7.74809172863650646680823223208764 × 10 ⁻⁵ (Unit : Ω ⁻¹) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
gal_{UK}→floe_{UK}	--	gal _{UK} to floe _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] gF2	Convert UK gallon to UK fluid ounce (TI : floe _{UK}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Volume_page_1.pdf
gal_{UK}→ft³	--	gal _{UK} to ft³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] fF3	Convert UK gallon to cubic foot (TI : ft³) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Volume_page_1.pdf
gal_{UK}→ℓ	--	gal _{UK} to ℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] fF5	Convert UK gallon to litre (TI : ℓ) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Volume_page_1.pdf
gal_{US}→floe_{US}	--	gal _{US} to floe _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] gF2	Convert US gallon to US fluid ounce (TI : floe _{US}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Volume_page_2.pdf
gal_{US}→ft³	--	gal _{US} to ft³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] fF3	Convert US gallon to cubic foot (TI : ft³) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Volume_page_2.pdf
gal_{US}→ℓ	--	gal _{US} to ℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] fF5	Convert US gallon to litre (TI : ℓ) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Volume_page_2.pdf
GaussF	GaussF □	Gauss peak fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] fF5	Set <BestF> to include Gauss peak curve fitting : y = a ₀ e ^{-(x - a₁)² / a₂} ; deselects OrthoF (Info : Add 216 to <BestF> ; TI : L.R. selected to <BestF>) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODEL_page_1.pdf
G_c	--	Catalan's constant	Constant			Constants	Menu [CNST.1] gF2	Constant # 15 G _c c.catalan = +0.59655941772190150546035149322841 × 10 ⁻¹ Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
GCD	GCD	Greatest common divisor	Function (dyadic)			Integers	Menu [INTS.1] gF8	Greatest common divisor of X and Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_INTS_page_1.pdf
[Geom:]	Geom:	Geometric distribution	MENU			Probability (int)	Menu [DISTR.1] gF3	Geometric probability distribution (discrete) (TI : RegP = p =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_DISTR_page_1.pdf
[Geom:]	Geom:	Geometric distribution	MENU			Probability (int)	Catalog CAT.MENU Geom:	Geometric probability distribution (discrete) (TI : RegP = p =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Geom_page_1.pdf
Geom_p	Geom_p	Geometric pmf	Function (monadic)			Probability (int)	Menu [Geom.1] F1	Geometric probability mass function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Geom_page_1.pdf
Geom_⋆	Geom_⋆	Geometric cdf (lower)	Function (monadic)			Probability (int)	Menu [Geom.1] F3	Geometric cumulative distribution (lower tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Geom_page_1.pdf
Geom_Δ	Geom_Δ	Geometric cdf (upper)	Function (monadic)			Probability (int)	Menu [Geom.1] F4	Geometric cumulative distribution (upper tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Geom_page_1.pdf
Geom⁻¹	Geom⁻¹	Geometric qf (inverse)	Function (monadic)			Probability (int)	Menu [Geom.1] F8	Geometric inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Geom_page_1.pdf
GETM	M.GETM	Get submatrix	Command			Matrix operations	Menu [MATX.3] gF2	Get submatrix with Y rows and X columns from the indexed matrix starting at current element Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_3.pdf
[GEV:]	GEV:	Generalised extreme value distribution	MENU			Probability (real)	Menu [DISTR.1] fF6	Generalised extreme value probability distribution (continuous) (TI : RegM = μ = ; RegS = σ = ; RegQ = ξ =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_DISTR_page_1.pdf
[GEV:]	GEV:	Generalised extreme value distribution	MENU			Probability (real)	Catalog CAT.MENU GEV:	Generalised extreme value probability distribution (continuous) (TI : RegM = μ = ; RegS = σ = ; RegQ = ξ =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_GEV_page_1.pdf
GEV_p	GEV_p	Generalised extreme value pdf	Function (monadic)			Probability (real)	Menu [GEV.1] F1	Generalised extreme value probability density function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_GEV_page_1.pdf
GEV_⋆	GEV_⋆	Generalised extreme value cdf (lower)	Function (monadic)			Probability (real)	Menu [GEV.1] F3	Generalised extreme value cumulative distribution (lower tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_GEV_page_1.pdf
GEV_Δ	GEV_Δ	Generalised extreme value cdf (upper)	Function (monadic)			Probability (real)	Menu [GEV.1] F4	Generalised extreme value cumulative distribution (upper tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_GEV_page_1.pdf
GEV⁻¹	GEV⁻¹	Generalised extreme value qf (inverse)	Function (monadic)			Probability (real)	Menu [GEV.1] F8	Generalised extreme value inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_GEV_page_1.pdf
GM_⊕	--	Geocentric gravitational constant	Constant			Constants	Menu [CNST.1] gF4	Constant # 17 GM _⊕ c.grav.geo = +3.986004418 × 10 ¹⁴ (Unit : m³/s²) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_1.pdf
GOTO	M.GOTO	Go to matrix element	Command			Matrix operations	Menu [M_EDIT.1] F4 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Go to matrix element using GOTO Row ; GOTO Column ((TAM : GOTO Row ; GOTO Column)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_M_EDIT_page_1.pdf
GOTO	M.GOTO	Go to matrix element	Command			Matrix operations	Menu [EDITN (M_EDIT).1] F4	Go to matrix element using GOTO Row ; GOTO Column ((TAM : GOTO Row ; GOTO Column)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EDITN_page_1.pdf
GOTO	M.GOTO	Go to matrix element	Command			Matrix operations	Menu [EDIT (M_EDIT).1] F4	Go to matrix element using GOTO Row ; GOTO Column ((TAM : GOTO Row ; GOTO Column)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EDIT_MATX_page_1.pdf
GOTO Column	--	Go to matrix column	Command			Matrix operations	See description	Go to matrix column for GOTO (TAM : GOTO Column ____ TamNonReg menu)
GOTO Row	--	Go to matrix row	Command			Matrix operations	See description	Go to matrix row for GOTO (TAM : GOTO Row ____ TamNonReg menu)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
GRAD	GRAD ○	Set ADM to GRAD	Setting (pgm)	OFF	⌘	Angle tagging or conversion	Menu [MODE.1] F3	Set Angular Display Mode to gradians mode (ADM = 4) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
GRAD	GRAD ○	Set ADM to GRAD	Setting (pgm)	OFF	⌘	Angle tagging or conversion	Menu [TRG.1] g F3	Set Angular Display Mode to gradians mode (ADM = 4) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_page_1.pdf
GRAD	GRAD ○	Set ADM to GRAD	Setting (pgm)	OFF	⌘	Angle tagging or conversion	Menu [TRG_R47.1] F3	Set Angular Display Mode to gradians mode (ADM = 4) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_R47_page_1.pdf
grad→deg	--	grad to deg	Function (monadic, linked)		<no annunciator>	Angle conversions	Menu [Angle.1] F4	Convert gradian to degree (untagged) (TI : deg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
grad→rad	--	grad to rad	Function (monadic, linked)		<no annunciator>	Angle conversions	Menu [Angle.1] F5	Convert gradian to radian (untagged) (TI : rad) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
GRAMOD	GRAMOD	Graphics display mode	Variable (longint)	0		Programming	Menu [ALL.1] F4 (Also) reached from MENU (ASM) VAR	Reserved LongInteger variable for the graphics display mode (GRAMOD) ; set interactively from menu P.FN1 (AGRAPH) (Info : OR: 0 ; SET: 1 ; OFF: 2 ; XOR: 3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
GRAMOD	GRAMOD	Graphics display mode	Variable (longint)	0		Programming	Menu [VAR (ALL).1] F4	Reserved LongInteger variable for the graphics display mode (GRAMOD) ; set interactively from menu P.FN1 (AGRAPH) (Info : OR: 0 ; SET: 1 ; OFF: 2 ; XOR: 3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
GRAMOD	GRAMOD	Graphics display mode	Variable (longint)	0		Programming	Menu [NUMBRS.1] F4	Reserved LongInteger variable for the graphics display mode (GRAMOD) ; set interactively from menu P.FN1 (AGRAPH) (Info : OR: 0 ; SET: 1 ; OFF: 2 ; XOR: 3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
GRAMOD	GRAMOD	Graphics display mode	Variable (longint)	0		Programming	Menu [L.INTS.1] F1	Reserved LongInteger variable for the graphics display mode (GRAMOD) ; set interactively from menu P.FN1 (AGRAPH) (Info : OR: 0 ; SET: 1 ; OFF: 2 ; XOR: 3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_L-INTS_page_1.pdf
[Graphs]	Graphs	Graphing...	MENU			Plotting	Menu [ToolS.1] F6	Equation graphing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSilv_page_1.pdf
[Graphs]	Graphs	Graphing...	MENU			Plotting	Menu [Tool.1] F6	Equation graphing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_EQN_page_1.pdf
[Graphs]	Graphs	Graphing...	MENU			Plotting	Menu [f Graph.1] F5	Equation graphing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Graph_page_1.pdf
[Graphs]	Graphs	Graphing...	MENU			Plotting	Catalog CAT.MENUS Graphs	Equation graphing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Graphs_page_1.pdf
[Graphs]	Graphs	Graphing...	MENU			Plotting	Menu [Draw _g (PLFUNC).2] g F1	Equation graphing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_2.pdf
[Graphs]	Graphs	Graphing...	MENU			Plotting	Menu [Draw (PLFUNC).2] g F1	Equation graphing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_2.pdf
[Graphs]	Graphs	Graphing...	MENU			Plotting	Menu [PLTFCNS (PLFUNC).2] g F1	Equation graphing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_2.pdf
GROW	M.GROW ○	Grow (matrix edit)	Setting	OFF	grow	Matrix operations	Menu [M_EDIT.1] g F6 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Switch on grow (matrix edit) ; not programmable - in PEM, use flag GROW (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
GROW	M.GROW ○	Grow (matrix edit)	Setting	OFF	grow	Matrix operations	Menu [EDITN (M_EDIT).1] g F6	Switch on grow (matrix edit) ; not programmable - in PEM, use flag GROW (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
GROW	M.GROW ○	Grow (matrix edit)	Setting	OFF	grow	Matrix operations	Menu [EDIT (M_EDIT).1] g F6	Switch on grow (matrix edit) ; not programmable - in PEM, use flag GROW (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
GROW	--	Grow (matrix edit)	Flag	CLEAR	wrap ; grow	Matrix operations	Menu [SYS.FL.2] g F2 (Also) reached from MENU (item, nonpgm) CFLG	SET for grow (matrix edit) ; CLEAR for wrap (matrix edit) (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_2.pdf
GROW	--	Grow (matrix edit)	Flag	CLEAR	wrap ; grow	Matrix operations	Menu [CFLG (SYS.FL).2] g F2	SET for grow (matrix edit) ; CLEAR for wrap (matrix edit) (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_2.pdf
GTO	GTO	Go to	Command (PEM)			Programming	Menu [P.FN.1] F2	Go to global or local label ; GTO. to go to (local) label or step ; GTO.. to move the program pointer to the end of program memory ; GTO↑ to go to the start of the (previous) program or jump to the start of program memory ; GTO↓ to go to the next program or jump to the end of program memory (TAM : GTO ___ TamLabel menu ; Info : GTO + TAM [XEQ] to enter global GTO '_. TamAlpha menu ; GTO + button : on [TamLabel.1] F3 to enter GTO ___ TamLocalLabel menu for easy access to local labels a-l, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1] F3 or TAM [XEQ] to enter GTO :. TamAlpha menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN_page_1.pdf
GTO	GTO	Go to	Command (PEM)			Programming	Keyboard g [XEQ]	Go to global or local label ; GTO. to go to (local) label or step ; GTO.. to move the program pointer to the end of program memory ; GTO↑ to go to the start of the (previous) program or jump to the start of program memory ; GTO↓ to go to the next program or jump to the end of program memory (TAM : GTO ___ TamLabel menu ; Info : GTO + TAM [XEQ] to enter global GTO '_. TamAlpha menu ; GTO + button : on [TamLabel.1] F3 to enter GTO ___ TamLocalLabel menu for easy access to local labels a-l, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1] F3 or TAM [XEQ] to enter GTO :. TamAlpha menu) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
GTO	GTO	Go to	Command (PEM)			Programming	Menu [P.FN3.1] F2	Go to global or local label ; GTO. to go to (local) label or step ; GTO.. to move the program pointer to the end of program memory ; GTO↑ to go to the start of the (previous) program or jump to the start of program memory ; GTO4 to go to the next program or jump to the end of program memory (TAM : GTO ___ TamLabel menu ; Info : GTO + TAM [XEQ] to enter global GTO '. TamAlpha menu ; GTO + button : on [TamLabel.1] F3 to enter GTO ___ TamLocalLabel menu for easy access to local labels a-I, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1] F3 or TAM [XEQ] to enter GTO :- TamAlpha menu)) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_P-FN3_page_1.pdf
GTO	GTO	Go to	Command (PEM)			Programming	Keyboard longerpress [XEQ]	Go to global or local label ; GTO. to go to (local) label or step ; GTO.. to move the program pointer to the end of program memory ; GTO↑ to go to the start of the (previous) program or jump to the start of program memory ; GTO4 to go to the next program or jump to the end of program memory (TAM : GTO ___ TamLabel menu ; Info : GTO + TAM [XEQ] to enter global GTO '. TamAlpha menu ; GTO + button : on [TamLabel.1] F3 to enter GTO ___ TamLocalLabel menu for easy access to local labels a-I, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1] F3 or TAM [XEQ] to enter GTO :- TamAlpha menu)) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
GudrmPL	--	GudrmPL	User Program			Test programs	See description	GudrmPL example program, available to load from PROGRAMS/GudrmPL.p47, using READP (Info : Gudermannian inverse function plot, J Mostert (jymoo))
g_a^{-1}	g_a^1	Inverse Gudermannian function	Function (monadic)			Mathematics	Menu [X.FN.1] g F2	Inverse Gudermannian function -- see http://en.wikipedia.org/wiki/Gudermannian_function [http://en.wikipedia.org/wiki/Gudermannian_function] Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_X-FN_page_1.pdf
g_a^{-1}	g_a^1	Inverse Gudermannian function	Function (monadic)			Mathematics	Menu [FCNS.2] F4	Inverse Gudermannian function -- see http://en.wikipedia.org/wiki/Gudermannian_function [http://en.wikipedia.org/wiki/Gudermannian_function] Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_FCNS_EQN_page_2.pdf
H	--	H	Character			Characters	Keyboard alpha [RCL]	Character H (Fontcode : 0B81 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
H	--	H	Character			Characters	Keyboard alphaSIM [h]	Character H (Fontcode : 0B81 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
h	--	h	Character			Characters	Keyboard alpha f [RCL]	Character h (Fontcode : 0B81 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
H	--	Register H	EasyAccess (TAM)			Trailing input	Menu [REG.2] F4	Easy access to Register H (220) : General purpose register H ; also used to store second to last long integer prime factor for FACTORS (Shortcut : STO/RCL [H] ; TI : H) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_REG_page_2.pdf
{H}	--	Register H	EasyAccess (TAM)			Trailing input	Keyboard TAM [RCL]	Easy access to Register H (220) : General purpose register H ; also used to store second to last long integer prime factor for FACTORS (Shortcut : STO/RCL [H] ; TI : H) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
h	--	Local label h	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] g F2	Easy access to local label h Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_TamLabel_page_1.pdf
{H}	--	Local label H	EasyAccess (TAM)			Trailing input	See description	Easy access to local label H (Shortcut : LBL [H])
H	--	Register H	Register (lettered)			Lettered registers	See description	Register H (220) : General purpose register H ; also used to store second to last long integer prime factor for FACTORS (Info : Reached from STO/RCL [REG.2] F4 or STO/RCL [H])
H	--	Flag H	EasyAccess (TAM)			Trailing input	Menu [FLG.2] F4	Easy access to Flag H (228) (Shortcut : FF [H]) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_FLG_page_2.pdf
H	--	Flag H	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag H (220) (Info : Reached from FF [FLG.2] F4 or FF [H])
ħ	--	Planck constant	Constant			Constants	Menu [CNST.1] g F6	Constant # 19 ħ c.planck = +6.62607015 × 10 ⁻³⁴ (Unit : Js) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_CNST_page_1.pdf
ħ	--	Planck	Character			Characters	See description	Character ħ (Fontcode : 210E ₁₆)
h	--	Subscript H	Character			Characters	See description	Character h (Fontcode : 24D7 ₁₆)
H	--	Superscript H	Character			Characters	See description	Character H (Fontcode : 24B0 ₁₆)
h	--	Superscript h	Character			Characters	See description	Character h (Fontcode : 02B8 ₁₆)
ħ	--	Reduced Planck constant	Constant			Constants	Menu [CNST.2] F1	Constant # 20 ħ red.planck = +1.05457181764615638126292803302281 × 10 ⁻³⁴ (Unit : Js) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_CNST_page_2.pdf
ħ	--	Planck / 2pi	Character			Characters	Menu [oMath.4] F2	Mathematical symbol ħ (Fontcode : 210F ₁₆) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaMATH_page_4.pdf
ħ	--	h stroke	Character			Characters	See description	Character ħ (Fontcode : 0127 ₁₆)
H.MS→T	H.MS→T	Convert sexagesimal to time	Function (monadic)			Time functions	Menu [CLK.1] g F4 (Also reached from MENU (item) DTSET)	Convert sexagesimal format input sequence to hh:mm:ss hours (Info : NIM input treated as sexagesimal (hh:mm:ss) format ; stack input treated as decimal value) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_CLK_page_1.pdf
H _n	H _n	Hermite polynomials (probability)	Function (dyadic)			Mathematics	Menu [Orthog.1] F1	Hermite polynomials (probability) (Parameter : x = X ; n = Y) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_Orthog_page_1.pdf
H _n	H _n	Hermite polynomials (probability)	Function (dyadic)			Mathematics	Menu [FCNS.2] F5	Hermite polynomials (probability) (Parameter : x = X ; n = Y) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_FCNS_EQN_page_2.pdf
H _{nP}	H _{nP}	Hermite polynomials (physics)	Function (dyadic)			Mathematics	Menu [Orthog.1] FF1	Hermite polynomials (physics) (Parameter : x = X ; n = Y) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_Orthog_page_1.pdf
H _{nP}	H _{nP}	Hermite polynomials (physics)	Function (dyadic)			Mathematics	Menu [FCNS.2] F6	Hermite polynomials (physics) (Parameter : x = X ; n = Y) Ref : https://N7calc.com/doc/RN7/Menuus/RN7v0_Menu_FCNS_EQN_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
H→T	H→T	Convert decimal hours to time	Function (monadic)			Time functions	Menu [CLK.1]gF5 (Also) reached from MENU (item) DTSET	Convert decimal hours to hh:mm:ss hours (Info : NIM input treated as sexagesimal (hh:mm:ss) format ; stack input treated as decimal value ; zero time (interval) displayed as "0.1s") Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CLK_page_1.pdf
ha→acre	--	ha to acre	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1]F2	Convert hectare to acre (TI : acres) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
ha→acre_{US}	--	ha to acre _{US}	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1]ffF2	Convert hectare to US acre (TI : acre _{US}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
ha→ft²	--	ha to ft ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1]gF2	Convert hectare to square foot (TI : ft ²) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
ha→km²	--	ha to km ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1]gF5	Convert hectare to square kilometre (TI : km ²) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
ha→m²	--	ha to m ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1]F3	Convert hectare to square metre (TI : m ²) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
HEX	HEX	Hexadecimal	Setting (pgm)	OFF	#BASE ; #KEY _{A-F}	Number bases	Menu [BASE.1]F1	Convert X to hexadecimal and toggle hexadecimal mode ; if KEY _{A-F} is SET, digits A-F can be entered by pressing row 2 keys (Shortcut : #TAM [RCL] (H) ; Info : values are displayed with subscript ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE_page_1.pdf
HEX	HEX	Hexadecimal	Setting (pgm)	OFF	#BASE ; #KEY _{A-F}	Number bases	Keyboard #TAM [RCL]	Convert X to hexadecimal and toggle hexadecimal mode ; if KEY _{A-F} is SET, digits A-F can be entered by pressing row 2 keys (Shortcut : #TAM [RCL] (H) ; Info : values are displayed with subscript ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
HEX	HEX	Hexadecimal	Setting (pgm)	OFF	#BASE ; #KEY _{A-F}	Number bases	Menu [BASE2.1]gF6	Convert X to hexadecimal and toggle hexadecimal mode ; if KEY _{A-F} is SET, digits A-F can be entered by pressing row 2 keys (Shortcut : #TAM [RCL] (H) ; Info : values are displayed with subscript ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE2_page_1.pdf
HIDE	HIDE ₀	Set hide parameter	Setting (pgm)	0	<no annunciator>	Display	Menu [DISP.2]gF6	Set parameter to hide small Real numbers or parts ; display =0. for numbers with absolute values < 10 ⁻ⁿ , where n in [12, 99] ; useful e.g. in matrices ; reset by HIDE 0 ; when menu XFCNS is open, setting HIDE is ignored (TAM : HIDE _ TanNonReg menu ; Info : numbers smaller than the range specified by RNG are also displayed as =0.) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_DISP_page_2.pdf
HIDE#	HIDE#	Get hide parameter	Command	0		Display	Menu [INFO.2]fF2	Get parameter to hide small Real numbers or parts (Info : Set by HIDE) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_INFO_page_2.pdf
[HIST]	HIST	Histogram	MENU			Plotting and statistics	Menu [PLOT.1]gF5	Histogram functions Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
[HIST]	HIST	Histogram	MENU			Plotting and statistics	Catalog CAT.MENUS HIST	Histogram functions Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HIST_page_1.pdf
HIST0	HIST0	Histogram matrix	Variable (matrix)			Plotting and statistics	Menu [MATRS.1]F1	Reserved Matrix variable (cannot be deleted) for the histogram matrix (HIST0) ; created from STATS using menu HIST ; not created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MATRS_page_1.pdf
HIST0	HIST0	Histogram matrix	Variable (matrix)			Plotting and statistics	Menu [ALL.1]F5 (Also) reached from MENU (ASM) VAR	Reserved Matrix variable (cannot be deleted) for the histogram matrix (HIST0) ; created from STATS using menu HIST ; not created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ALLVARS_page_1.pdf
HIST0	HIST0	Histogram matrix	Variable (matrix)			Plotting and statistics	Menu [VAR (ALL).1]F5	Reserved Matrix variable (cannot be deleted) for the histogram matrix (HIST0) ; created from STATS using menu HIST ; not created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VAR_page_1.pdf
HISTOX	HISTOX	Histogram X	Command			Plotting and statistics	Menu [HIST.1]F1	Evaluate first column of STATS and store in HISTO (TI : #BIN : ; #BIN : ; #BINS :) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HIST_page_1.pdf
HISTOY	HISTOY	Histogram Y	Command			Plotting and statistics	Menu [HIST.1]F2	Evaluate second column of STATS and store in HISTO (TI : #BIN : ; #BIN : ; #BINS :) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HIST_page_1.pdf
HMS→HR	--	HMS to HR	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [Misc.1]F1	Convert sexagesimal format hours to decimal hours (TI : decimal h ; Ref : https://N7calc.com/doc/Application%20Notes/AN0019_CN7_JM_dms_hms_and_ms.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Misc_page_1.pdf
HNORM	HNORM	Histogram Normal	Command			Plotting and statistics	Menu [HPLLOT.1]F1	Fit Gauss distribution through HISTO data (programmable) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HPLLOT_page_1.pdf
[HOME]	HOME	HOME	MENU			Customisation	Menu [BLUE7.3]gF2	User menu to quickly access user selected menus and functions ; all buttons are user assignable ('riveted' look) ; initially populated for basic scitech options ; reset using HOME.R (Shortcut : longpress [<F>] (because KEY _{LP} is SET ; also available in Normal Mode of PEM ; it is indicated by the white keyboard label #HOME)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUE7_page_3.pdf
[HOME]	HOME	HOME	MENU			Customisation	Catalog CAT.MENUS HOME	User menu to quickly access user selected menus and functions ; all buttons are user assignable ('riveted' look) ; initially populated for basic scitech options ; reset using HOME.R (Shortcut : longpress [<F>] (because KEY _{LP} is SET ; also available in Normal Mode of PEM ; it is indicated by the white keyboard label #HOME)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HOME_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[HOME]	HOME	HOME	MENU			Customisation	Keyboard longpress [<f>]	User menu to quickly access user selected menus and functions ; all buttons are user assignable ('riveted' look) ; initially populated for basic scitech options ; reset using HOME.R (Shortcut : longpress [<f>] (because KEY.LP is SET ; also available in Normal Mode of PEM ; it is indicated by the white keyboard label «HOME»)) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
HOME.R	--	HOME menu reset	Command			Cleanup	Menu [RESETS.1] F3	Reset all HOME menu user assignments (and open menu) (TI : HOME menu reset to default) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_RESETS_page_1.pdf
HOME _F [#]	HOME _F [#] ■	HOME menu f/g shortcut	Setting	ON	<no annunciator>	Customisation	Menu [MODE.3] gF5	Switch on HOME menu activated by triple and longpress f/g-shift ; not programmable - in PEM, use flag HOME _F [#] (Info : HOME _F [#] and MyM _F [#] are linked (both cannot be ON at the same time ; HOME _F [#] pertains to layouts containing key [f/g] only and also enables longpress assignment to this key) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MODE_page_3.pdf
HOME _F [#]	HOME _F [#] ■	HOME menu f/g shortcut	Setting	ON	<no annunciator>	Customisation	Menu [PREF.3] gF5	Switch on HOME menu activated by triple and longpress f/g-shift ; not programmable - in PEM, use flag HOME _F [#] (Info : HOME _F [#] and MyM _F [#] are linked (both cannot be ON at the same time ; HOME _F [#] pertains to layouts containing key [f/g] only and also enables longpress assignment to this key) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PREF_page_3.pdf
HOME _F [#]	--	HOME menu f/g shortcut	Flag	SET	<no annunciator>	Customisation	Menu [SYS.FL.2] gF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for HOME menu activated by triple and longpress f/g-shift ; CLEAR for HOME menu f/g shortcut inactive (Info : HOME _F [#] and MyM _F [#] are linked (both cannot be SET at the same time) ; HOME _F [#] pertains to layouts containing key [f/g] only and also enables longpress assignment to this key) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
HOME _F [#]	--	HOME menu f/g shortcut	Flag	SET	<no annunciator>	Customisation	Menu [CFL6 (SYS.FL).2] gF5	SET for HOME menu activated by triple and longpress f/g-shift ; CLEAR for HOME menu f/g shortcut inactive (Info : HOME _F [#] and MyM _F [#] are linked (both cannot be SET at the same time) ; HOME _F [#] pertains to layouts containing key [f/g] only and also enables longpress assignment to this key) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFL6_page_2.pdf
HOME _b	HOME _b □	HOME menu shown	Setting	OFF	<no annunciator>	Customisation	Menu [MODE.3] fF5	Switch on HOME menu shown ; not programmable - in PEM, use flag HOME _b (Info : HOME _b and MyM _b are linked (both cannot be ON at the same time ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MODE_page_3.pdf
HOME _b	HOME _b □	HOME menu shown	Setting	OFF	<no annunciator>	Customisation	Menu [PREF.3] fF5	Switch on HOME menu shown ; not programmable - in PEM, use flag HOME _b (Info : HOME _b and MyM _b are linked (both cannot be ON at the same time ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PREF_page_3.pdf
HOME _b	--	HOME menu shown	Flag	CLEAR	<no annunciator>	Customisation	Menu [SYS.FL.2] gF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for HOME menu shown ; CLEAR for HOME menu not shown (Info : HOME _b and MyM _b are linked (both cannot be SET at the same time) ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
HOME _b	--	HOME menu shown	Flag	CLEAR	<no annunciator>	Customisation	Menu [CFL6 (SYS.FL).2] gF4	SET for HOME menu shown ; CLEAR for HOME menu not shown (Info : HOME _b and MyM _b are linked (both cannot be SET at the same time) ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFL6_page_2.pdf
HOUR	HOUR	Hours	Function (monadic)			Time functions	Menu [CLK.2] gF5 (Also) reached from MENU (item) DTSET	Hours (of time in X) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CLK_page_2.pdf
HOUR	HOUR	Hours	Function (monadic)			Time functions	Menu [DTSET (CLK).1] gF5	Hours (of time in X) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_DTSET_page_1.pdf
HP12C	--	HP12C standard precision	Flag	CLEAR	<no annunciator>	Financial	Menu [SYS.FL.2] gF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for HP12C standard precision of 2 decimals ; CLEAR for full R47 accuracy (Info : The HP12C standard precision means that PMT is rounded to 2 decimals before amortisation is computed, so the schedule matches a printed bank statement) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_2.pdf
HP12C	--	HP12C standard precision	Flag	CLEAR	<no annunciator>	Financial	Menu [CFL6 (SYS.FL).2] gF5	SET for HP12C standard precision of 2 decimals ; CLEAR for full R47 accuracy (Info : The HP12C standard precision means that PMT is rounded to 2 decimals before amortisation is computed, so the schedule matches a printed bank statement) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFL6_page_2.pdf
HP12C	HP12C □	HP12C standard precision	Setting (pgm)	OFF	<no annunciator>	Financial	Menu [AMORT.1] gF5	Switch on HP12C standard precision of 2 decimals (Info : The HP12C standard precision means that PMT is rounded to 2 decimals before amortisation is computed, so the schedule matches a printed bank statement) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_AMORT_page_1.pdf
HP35	--	Set HP-35 tribute profile	Setting (group)	OFF	<no annunciator>	Developer	Menu [DEV.1] F1	Set HP-35 tribute profile (Info : The current configuration is stored in register 35 when setting the HP-35 tribute profile) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_DEV_page_1.pdf
HP35fun	--	HP35fun	User Program			Test programs	See description	HP35fun example program, available to load from PROGRAMS/HP35fun.p47, using READP (Info : Replacement for this (development) function, being a fun HP35 mode, no emulation, no simulation. Just a bit of fun. Recommend to save your settings into register 35: [ST0] - Config 35 ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_HP35.pdf)
hp _E →W	--	hp _E to W	Function (monadic, linked)		<no annunciator>	Power conversions	Menu [Power.1] F1	Convert electrical horsepower to Watt (TI : W) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Power_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[HPL0T]	HPL0T	Histogram	MENU (item)			Plotting and statistics	Menu [HIST.1]F6	Histogram plotting (programmable) (Info : CAT.MENUS HPL0T) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HIST_page_1.pdf
[HPL0T]	HPL0T	Histogram	MENU			Plotting and statistics	Catalog CAT.MENUS HPL0T	Histogram plotting (programmable) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HPL0T_page_1.pdf
hp _W →W	--	hp _W to W	Function (monadic, linked)		<no annunciator>	Power conversions	Menu [Power.1]F5	Convert metric horsepower to Watt (TI : W) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Power_page_1.pdf
hp _{UK} →W	--	hp _{UK} to W	Function (monadic, linked)		<no annunciator>	Power conversions	Menu [Power.1]F3	Convert UK horsepower to Watt (TI : W) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Power_page_1.pdf
HR→HMS	--	HR to HMS	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [Misc.1]F2	Convert decimal hours to sexagesimal format hours (TI : hh:mm:ss ; Ref : https://N7calc.com/doc/Application%20Notes/AN0014_CN7_JM_dms_hms_and_ms.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Misc_page_1.pdf
[Hyper:]	Hyper:	Hypergeometric distribution	MENU			Probability (int)	Menu [DISTR.1]gF4	Hypergeometric probability distribution (discrete) (TI : RegM = N = ; RegN = n = ; RegQ = K =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_DISTR_page_1.pdf
[Hyper:]	Hyper:	Hypergeometric distribution	MENU			Probability (int)	Catalog CAT.MENUS Hyper:	Hypergeometric probability distribution (discrete) (TI : RegM = N = ; RegN = n = ; RegQ = K =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Hyper_page_1.pdf
Hyper _p	Hyper _p	Hypergeometric pmf	Function (monadic)			Probability (int)	Menu [Hyper.1]F1	Hypergeometric probability mass function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Hyper_page_1.pdf
Hyper _Δ	Hyper _Δ	Hypergeometric cdf (lower)	Function (monadic)			Probability (int)	Menu [Hyper.1]F3	Hypergeometric cumulative distribution (lower tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Hyper_page_1.pdf
Hyper _Δ	Hyper _Δ	Hypergeometric cdf (upper)	Function (monadic)			Probability (int)	Menu [Hyper.1]F4	Hypergeometric cumulative distribution (upper tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Hyper_page_1.pdf
Hyper ⁻¹	Hyper ⁻¹	Hypergeometric qf (inverse)	Function (monadic)			Probability (int)	Menu [Hyper.1]F6	Hypergeometric inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Hyper_page_1.pdf
HypF	HypF □	Hyperbolic fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1]fF2	Set <BestF> to include Hyperbolic curve fitting : y = (a ₀ + a ₁ x) ⁻¹ ; deselects OrthoF (Info : Adds 32 to <BestF> ; TI : L.R. selected to <BestF>.) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODEL_page_1.pdf
I	--	i	Character			Characters	Keyboard alpha [R4]	Character I (Fontcode : 0091 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
I	--	I	Character			Characters	Keyboard alphaSIM [i]	Character I (Fontcode : 0091 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
l	--	i dotless	Character			Characters	Menu [ointl.2]gF3	International character i (Fontcode : 0131 ₁₆ ; Info : press [*] for i at [ointl.2]gF3 (not UPPERcase of i)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_2.pdf
i	--	i	Character			Characters	Keyboard alpha f [R4]	Character i (Fontcode : 0069 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
I	--	Register I	EasyAccess (TAM)			Trailing input	Menu [REG.1]gF1	Easy access to Register I (109) : General purpose register I ; also used to store current row of indexed matrix (Shortcut : STO/RCL [i] ; TI : I: or M[I..J]=<name> [<row> <col>] (if indexed matrix exists)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_1.pdf
{i}	--	Register I	EasyAccess (TAM)			Trailing input	Keyboard TAM [R4]	Easy access to Register I (109) : General purpose register I ; also used to store current row of indexed matrix (Shortcut : STO/RCL [i] ; TI : I: or M[I..J]=<name> [<row> <col>] (if indexed matrix exists)) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
i	--	Local label i	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1]gF3	Easy access to local label i Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamLabel_page_1.pdf
{i}	--	Local label I	EasyAccess (TAM)			Trailing input	See description	Easy access to local label I (Shortcut : LBL [i])
I	--	Register I	Register (lettered)			Lettered registers	See description	Register I (109) : General purpose register I ; also used to store current row of indexed matrix (Info : Reached from STO/RCL [REG.1]gF1 or STO/RCL [i])
I	--	Flag I	EasyAccess (TAM)			Trailing input	Menu [FLG.1]gF1	Easy access to Flag I (109) (Shortcut : FF [i]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_1.pdf
I	--	Flag I	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag I (109) (Info : Reached from FF [FLG.1]gF1 or FF [i])
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [CPX.1]F5	Enter complex number (rectangular notation) whether RECT is set or not ; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set ; displayed according to flag CPX.j when in RECT mode) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CPX_page_1.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [ELEC.1]F1	Enter complex number (rectangular notation) whether RECT is set or not ; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set ; displayed according to flag CPX.j when in RECT mode) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ELEC_page_1.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [M_EDIT.1]F3 (Also : reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Enter complex number (rectangular notation) whether RECT is set or not ; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set ; displayed according to flag CPX.j when in RECT mode) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_M_EDIT_page_1.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [BLUE7.1]fF4	Enter complex number (rectangular notation) whether RECT is set or not ; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set ; displayed according to flag CPX.j when in RECT mode) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUE7_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [MyM.1] F6	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MyMenu_page_1.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [MyM.2] F1	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MyMenu_page_2.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [MyM.6] F1	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MyMenu_page_6.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [EDITN (M_EDIT).1] F3	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_EDITN_page_1.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [EDIT (M_EDIT).1] F3	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_EDIT_MATX_page_1.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Menu [HOME.1] F1	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_HOME_page_1.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Keyboard f [x ²]	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
i	op_i	Complex number (rectangular notation)	Command		<no annunciator>	Complex numbers	Keyboard longpress [x ²]	Enter complex number (rectangular notation) whether RECT is set or not; e.g. a i b ENTER results in a + b i (Info : In NIM, works like CC with RECT set; displayed according to flag CPXj when in RECT mode) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
i	--	Imaginary unit	Symbol		<no annunciator>	Complex numbers	Menu [NEW (EQ_EDIT).2] fF4	Mathematical symbol i (Info : Displayed according to flag CPXj) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_NEW_page_2.pdf
i	--	Imaginary unit	Symbol		<no annunciator>	Complex numbers	Menu [EDIT (EQ_EDIT).2] fF4	Mathematical symbol i (Info : Displayed according to flag CPXj) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_EDIT_EQN_page_2.pdf
i	--	Complex i	Character			Characters	Menu [αMath.3] gF6	Mathematical symbol i (Shortcut : alpha g [x ²] ; Info : Fontcode : 2148 ₁₆) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaMATH_page_3.pdf
i	--	Complex i	Character			Characters	Keyboard alpha g [x ²]	Character i (Shortcut : alpha g [x ²] ; Info : Fontcode : 2148 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
I	--	Irrational I	Character			Characters	Menu [αMath.5] gF2	Mathematical symbol I (Fontcode : 2118 ₁₆) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaMATH_page_5.pdf
I	--	Subscript I	Character			Characters	See description	Character I (Fontcode : 2408 ₁₆)
I	--	Superscript I	Character			Characters	See description	Character I (Fontcode : 248E ₁₆)
0	--	Superscript 0	Character			Characters	See description	Character 0 (Fontcode : 2160 ₁₆)
$\acute{\imath}$	--	i acute	Character			Characters	Menu [αINTL.2] fF3	International character $\acute{\imath}$ (Fontcode : 00CD ₁₆ ; Info : press [4] for i at [αINTL.2] fF3) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_page_2.pdf
$\grave{\imath}$	--	i grave	Character			Characters	Menu [αINTL.2] fF3	International character $\grave{\imath}$ (Fontcode : 00ED ₁₆ ; Info : press [4] for i at [αINTL.2] fF3) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_lower_page_2.pdf
$\grave{\imath}$	--	i grave	Character			Characters	Menu [αINTL.2] fF2	International character $\grave{\imath}$ (Fontcode : 00ED ₁₆ ; Info : press [4] for i at [αINTL.2] fF2) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_page_2.pdf
$\grave{\imath}$	--	i grave	Character			Characters	Menu [αINTL.2] fF2	International character $\grave{\imath}$ (Fontcode : 00ED ₁₆ ; Info : press [4] for i at [αINTL.2] fF2) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_lower_page_2.pdf
$\breve{\imath}$	--	i breve	Character			Characters	Menu [αINTL.2] gF1	International character $\breve{\imath}$ (Fontcode : 012C ₁₆ ; Info : press [4] for i at [αINTL.2] gF1) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_page_2.pdf
$\breve{\imath}$	--	i breve	Character			Characters	Menu [αINTL.2] gF1	International character $\breve{\imath}$ (Fontcode : 012D ₁₆ ; Info : press [4] for i at [αINTL.2] gF1) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_lower_page_2.pdf
$\tilde{\imath}$	--	i circumflex	Character			Characters	Menu [αINTL.2] fF4	International character $\tilde{\imath}$ (Fontcode : 00CE ₁₆ ; Info : press [4] for i at [αINTL.2] fF4) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_page_2.pdf
$\hat{\imath}$	--	i circumflex	Character			Characters	Menu [αINTL.2] fF4	International character $\hat{\imath}$ (Fontcode : 00EE ₁₆ ; Info : press [4] for i at [αINTL.2] fF4) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_lower_page_2.pdf
$\hat{\imath}$	--	i circumflex	Character			Characters	Menu [αMath.7] gF4	Mathematical symbol $\hat{\imath}$ (Fontcode : 00EE ₁₆ ; Info : press [4] for i at [αINTL.2] fF4) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaMATH_page_7.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ï	--	i dieresis	Character			Characters	Menu [aINTL.2] fF5	International character ï (Fontcode : 00CF ₁₆ ; Info : press [4] for ï at [aintl.2] fF5) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL_page_2.pdf
ï	--	i dieresis	Character			Characters	Menu [aintl.2] fF5	International character ï (Fontcode : 00EF ₁₆ ; Info : press [4] for ï at [aINTL.2] fF5) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL-lower_page_2.pdf
ı	--	i dot	Character			Characters	Menu [aINTL.2] gF3	International character ı (Fontcode : 013B ₁₆ ; Info : press [4] for ı at [aintl.2] gF3 (not Lowercase of İ)) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL_page_2.pdf
ı	--	i ogonek	Character			Characters	Menu [aINTL.2] gF2	International character ı (Fontcode : 012E ₁₆ ; Info : press [4] for ı at [aintl.2] gF2) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL_page_2.pdf
ı	--	i ogonek	Character			Characters	Menu [aintl.2] gF2	International character ı (Fontcode : 012F ₁₆ ; Info : press [4] for ı at [aINTL.2] gF2) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL-lower_page_2.pdf
İ	--	I macron	Character			Characters	Menu [aINTL.2] fF6	International character İ (Fontcode : 012A ₁₆ ; Info : press [4] for İ at [aintl.2] fF6) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL_page_2.pdf
İ	--	i macron	Character			Characters	Menu [aintl.2] fF6	International character İ (Fontcode : 012B ₁₆ ; Info : press [4] for İ at [aINTL.2] fF6) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_alphaINTL-lower_page_2.pdf
i C	i C O	Input Complex number	Setting (pgm)	OFF	<no annunciator>	Numeric input	Menu [MODE.2] fF3	New numeric input is put on the stack as Complex number (2.0-2.5) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_MODE_page_2.pdf
i C	i C O	Input Complex number	Setting (pgm)	OFF	<no annunciator>	Numeric input	Menu [PREF.2] fF3	New numeric input is put on the stack as Complex number (2.0-2.5) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_PREF_page_2.pdf
i LI	i LI O	input Long integer	Setting (pgm)	OFF	<no annunciator>	Numeric input	Menu [MODE.2] fF4	New numeric input is put on the stack as Long integer (0) and entry of the decimal radix is ignored (Info : Switch on dZ.8 for displaying Long integers as Real ; not programmable - in PEM, use flag dZ.8) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_MODE_page_2.pdf
i LI	i LI O	input Long integer	Setting (pgm)	OFF	<no annunciator>	Numeric input	Menu [PREF.2] fF4	New numeric input is put on the stack as Long integer (0) and entry of the decimal radix is ignored (Info : Switch on dZ.8 for displaying Long integers as Real ; not programmable - in PEM, use flag dZ.8) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_PREF_page_2.pdf
i LI/R	i LI/R 0	Input Long integer/Real number	Setting (pgm)	ON	<no annunciator>	Numeric input	Menu [MODE.2] fF1	New numeric input is put on the stack as Long integer (0) or Real number (1.0-1.5) (Info : Uses the decimal radix (default ".") to determine the numeric datatype) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_MODE_page_2.pdf
i LI/R	i LI/R 0	Input Long integer/Real number	Setting (pgm)	ON	<no annunciator>	Numeric input	Menu [PREF.2] fF1	New numeric input is put on the stack as Long integer (0) or Real number (1.0-1.5) (Info : Uses the decimal radix (default ".") to determine the numeric datatype) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_PREF_page_2.pdf
i R	i R O	input Real number	Setting (pgm)	OFF	<no annunciator>	Numeric input	Menu [MODE.2] fF2	New numeric input is put on the stack as Real number (1.0-1.5) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_MODE_page_2.pdf
i R	i R O	input Real number	Setting (pgm)	OFF	<no annunciator>	Numeric input	Menu [PREF.2] fF2	New numeric input is put on the stack as Real number (1.0-1.5) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_PREF_page_2.pdf
I-	I-	Decrement row index	Command	<row>		Matrix operations	Menu [MATX.3] F2	Decrement row index I of indexed matrix ; wraps automatically ; does not put value on the stack ; menu button I- on [MATX.3] F2 displays value as subscript (only if indexed matrix exists) (TI : M[I-,J-]<name> [<row> <col>]) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_MATX_page_3.pdf
I _{xyz}	I _{xyz}	Regularised (incomplete) Beta function	Function (triadic)			Mathematics	Menu [X.FN.2] fF4	Regularised (incomplete) Beta function -- see https://en.wikipedia.org/wiki/Beta_function [https://en.wikipedia.org/wiki/Beta_function] Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_X-FN_page_2.pdf
I/a	I%/a	TVM annual interest rate	Variable (real)	0		Financial	Menu [TVM.1] F2	Reserved Real variable for the TVM annual interest rate as percentage (I/a) ; use 10 for 10%, not 0.1 ; displays as I _a or I in menu TVM when value is large (TI : I%/a = I%YR = APR =) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TVM_page_1.pdf
I/a	--	TVM annual interest rate	EasyAccess (TAM)	0		Trailing input	Menu [TamRclTVM.1] F2	Easy access to variable I%/a to recall TVM annual interest rate (RCL 'I%/a') (TI : 'I%/a':) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TamRclTVM_page_1.pdf
I/a	--	TVM annual interest rate	EasyAccess (TAM)	0		Trailing input	Menu [TamStoTVM.1] F2	Easy access to variable I%/a to store TVM annual interest rate (STO 'I%/a') (TI : 'I%/a':) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_TamStoTVM_page_1.pdf
[I/O]	I/O	Input/Output	MENU			Input-Output	Menu [BLUE7.3] F5	I/O functions (read/load, write/save, export program, in-export registers, SNAP, audio, print) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_BLUE7_page_3.pdf
[I/O]	I/O	Input/Output	MENU			Input-Output	Keyboard g[I]	I/O functions (read/load, write/save, export program, in-export registers, SNAP, audio, print) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_8.pdf
[I/O]	I/O	Input/Output	MENU			Input-Output	Catalog CAT.MENU I/O	I/O functions (read/load, write/save, export program, in-export registers, SNAP, audio, print) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_I-O_page_1.pdf
I%/a	I%/a	TVM annual interest rate	Variable (real)	0		Financial	Menu [ALL.1] F6 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the TVM annual interest rate as percentage (I/a) ; use 10 for 10%, not 0.1 ; displays as I _a or I in menu TVM when value is large (TI : I%/a = I%YR = APR =) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_ALLVARS_page_1.pdf
I%/a	I%/a	TVM annual interest rate	Variable (real)	0		Financial	Menu [VAR (ALL).1] F6	Reserved Real variable for the TVM annual interest rate as percentage (I/a) ; use 10 for 10%, not 0.1 ; displays as I _a or I in menu TVM when value is large (TI : I%/a = I%YR = APR =) Ref : https://n7calc.com/doc/RN7/Menuus/RN7v0_Menu_VAR_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$I\%/a$	$I\%/a$	TVM annual interest rate	Variable (real)	0		Financial	Menu [REALS.1] F9	Reserved Real variable for the TVM annual interest rate as percentage (I/a) ; use 10 for 10%, not 0.1 ; displays as I _a or I in menu TVM when value is large (TI : I%/a = I%YR = APR =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
$I\%/a$	$I\%/a$	TVM annual interest rate	Variable (real)	0		Financial	Menu [NUMBRS.1] F5	Reserved Real variable for the TVM annual interest rate as percentage (I/a) ; use 10 for 10%, not 0.1 ; displays as I _a or I in menu TVM when value is large (TI : I%/a = I%YR = APR =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
$1\rightarrow EFF/a$	$1\rightarrow EFF/a$	Effective TVM annual rate	Function (monadic)			Financial	Menu [TVM.1] fF3	Calculate Effective TVM annual rate from the TVM annual interest rate in 1/a (variable I%/a) -- see Formula_ITOEFF.png : https://n7calc.com/doc/Images/Formula_ITOEFF.png (TI : EFF%/a = EFF%YR = EAR =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
$i\prod_n$	$i\prod_n$	Integer product (RPN)	Command		<no annunciator>	RPN Calculus and plotting	Menu [ADV.1] fF2	Integer product using RPN program ; $i\prod_n$ (from Z to Y in steps of X) ; interrupt by [EXIT] -- see Formula_iPn.png : https://n7calc.com/doc/Images/Formula_iPn.png (TAM : $i\prod_n$ ___ TamLb1Only menu ; Info : <from> ENTER <to> ENTER <step> $i\prod_n$; displays Loop: n, current result, where n is iteration counter ; shown if flag MONIT is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
$i\sum_n$	$i\sum_n$	Integer sum (RPN)	Command		<no annunciator>	RPN Calculus and plotting	Menu [ADV.1] fF1	Integer sum using RPN program ; $i\sum_n$ (from Z to Y in steps of X) ; interrupt by [EXIT] -- see Formula_iSIGMAN.png : https://n7calc.com/doc/Images/Formula_iSIGMAN.png (TAM : $i\sum_n$ ___ TamLb1Only menu ; Info : <from> ENTER <to> ENTER <step> $i\sum_n$; displays Loop: n, current result, where n is iteration counter ; shown if flag MONIT is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
$I+$	$I+$	Increment row index	Command	<row>		Matrix operations	Menu [MATX.3] F1	Increment row index I of indexed matrix ; wraps automatically ; does not put value on the stack ; menu button I+ on [MATX.3] F1 displays value as subscript (only if indexed matrix exists) (TI : M[I ₁ ..J ₁]=<name> [<row> <col>]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
$I=V+Z$	$I=V+Z$	Triple I = V + Z	Function (triadic)			Electrical engineering	Menu [ELEC.2] F2	$X = R80 / R86 ; Y = R81 / R87 ; Z = R82 / R88$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [CPX.1] F6	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [ELEC.1] F2	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [M_EDIT.1] fF3 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Keyboard f[$\sqrt{x}$]	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [MyM.1] F5	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [MyM.5] F6	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_5.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [MyM.6] F2	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_6.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [EDITN (M_EDIT).1] fF3	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [EDIT (M_EDIT).1] fF3	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
$i_{\odot}$	$op_i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Keyboard longpress [$\sqrt{x}$]	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) (Info : In NIM, works like CC with POLAR set ; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$i_{\odot}$	op_ $i_{\odot}$	Complex number (polar notation)	Command		<no annunciator>	Complex numbers	Menu [HOME.1] F2	Enter complex number (polar notation) whether POLAR is set or not; e.g. a $i_{\odot}$ b ENTER results in a $a \times b$ (according to ADM) (Info : In NIM, works like CC with POLAR set; displayed according to flag CPXj when in RECT mode) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
IBessI	--	IBessI	User Program			Test programs	Menu [PROGS.1] fF1 (Also) reached from MENU (TAM, ASM) PROG	IBessI test program, available to load from PROGRAMS/ALLPGMS/IBessI.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
IBessI	--	IBessI	User Program			Test programs	Menu [PROG (PROGS).1] fF1	IBessI test program, available to load from PROGRAMS/ALLPGMS/IBessI.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
IBessP	--	IBessP	User Program			Test programs	Menu [PROGS.1] fF2 (Also) reached from MENU (TAM, ASM) PROG	IBessP test program, available to load from PROGRAMS/ALLPGMS/IBessP.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
IBessP	--	IBessP	User Program			Test programs	Menu [PROG (PROGS).1] fF2	IBessP test program, available to load from PROGRAMS/ALLPGMS/IBessP.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
IDENT	MLIDENT	New identity matrix	Command			Matrix operations	Menu [MATX.1] fF1	Create new identity matrix with Y rows and X columns Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
IDIV	IDIV	Integer divide	Function (dyadic)			Integers	Menu [INTS.1] fF1	Integer divide Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
IDIV	IDIV	Integer divide	Function (dyadic)			Integers	Menu [FCNS.2] fF1	Integer divide Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_2.pdf
IDIV	IDIV	Integer divide	Function (dyadic)			Integers	Menu [BASE2.1] fF5	Integer divide Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
IDIVR	IDIVR	Integer divide and remainder	Function (dyadic)			Integers	Catalog CAT.FCNS IDIVR	Integer divide (X) and remainder (Y) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
IGNIER	--	Ignore one error	Flag	CLEAR	<no annunciator>	Programming	Menu [SYS.FL.3] F1 (Also) reached from MENU (item, nonpgm) CFL6	SET for calculator ignoring next error; CLEAR for calculator not ignoring error(s) (Info : IGNIER is cleared subsequently) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS_FL_page_3.pdf
IGNIER	--	Ignore one error	Flag	CLEAR	<no annunciator>	Programming	Menu [CFL6 (SYS.FL).3] F1	SET for calculator ignoring next error; CLEAR for calculator not ignoring error(s) (Info : IGNIER is cleared subsequently) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_3.pdf
1	--	Superscript 1	Character			Characters	See description	Character ¹ (Fontcode : 2161 ₁₆)
2	--	Superscript 2	Character			Characters	See description	Character ² (Fontcode : 2162 ₁₆)
Im	Im	Imaginary part	Function (monadic)			Complex numbers	Menu [CPX.1] F2	Imaginary part of Complex number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
Im	Im	Imaginary part	Function (monadic)			Complex numbers	Menu [REAL.1] gF6	Imaginary part of Complex number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
Im	Im	Imaginary part	Function (monadic)			Complex numbers	Menu [FCNS.2] fF2	Imaginary part of Complex number Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_2.pdf
Im=0?	Im=0?	Zero imaginary part?	Command (logical)			Programming	Menu [TEST.3] F4	Test X has imaginary part equal to zero Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
Im≠0?	Im≠0?	Non-zero imaginary part?	Command (logical)			Programming	Menu [TEST.3] fF4	Test X has imaginary part not equal to zero Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
IMPLT	--	Plot imaginary part	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ₆ (PLFUNC).2] fF2	Switch on plotting imaginary part; not programmable - in PEM, use flag PLimp (Info : IMPLT and CXPLT are linked (both cannot be ON at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_2.pdf
IMPLT	--	Plot imaginary part	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).2] fF2	Switch on plotting imaginary part; not programmable - in PEM, use flag PLimp (Info : IMPLT and CXPLT are linked (both cannot be ON at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_2.pdf
IMPLT	--	Plot imaginary part	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCNS (PLFUNC).2] fF2	Switch on plotting imaginary part; not programmable - in PEM, use flag PLimp (Info : IMPLT and CXPLT are linked (both cannot be ON at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_2.pdf
IMPORTr	IMPORTr	Import registers	Command			Input-Output	Menu [I/O.2] F8	Import registers from text data file (.d47), to destination address specified in the file (Info : DMCP : File open dialog ("Import Register File" -- DATA/) ; TI : Data file loaded ; Ref : https://n7calc.com/doc/Application%20Notes/AN0025_CN7_R47_IM_d47_fileformat.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_2.pdf
in↔bf→N↔m	--	in↔bf to N↔m	Function (monadic, linked)		<no annunciator>	Torque/moment conversions	Menu [MLoads.1] F3	Convert inch-pound force to Newton-metre (TI : N↔m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MLoads_page_1.pdf
in/s ² →m/s ²	--	in/s ² to m/s ²	Function (monadic, linked)		<no annunciator>	Acceleration conversions	Menu [FLoads.1] fF6	Convert inch per second squared to metre per second squared (TI : m/s ²) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLoads_page_1.pdf
in→Banana	--	in to Banana	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.1] gF2	Convert inch to Banana length (TI : Banana) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
in→brds	--	in to brds	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.2] F4	Convert inch to beardsecond (TI : brds) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_2.pdf
in→cm	--	in to cm	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Lengths.3] gF3	Convert inch to Centimetre (TI : cm) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
in→mm	--	in to mm	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Lengths.1] gF3	Convert inch to millimetre (TI : mm) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
in→mm	--	in to mm	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [SecPrp.1] F3	Convert inch to millimetre (TI : mm) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
INCR	INCR	Increment	Command			Programming	Menu [LOOP.1] fF6	Increment range number in register or variable (ccc,fffii, where ccc is counter, fff is final value, ii is increment), by increment (TAM : INCR __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_LOOP_page_1.pdf
INDEX	INDEX	Index matrix	Command			Matrix operations	Menu [MATX.3] fF6	Index matrix in a register or variable ; set row I to I, column J to J ; clear flags WRPEDG and WRPEND ; index wraps automatically, setting these flags ; index is dropped upon exit of matrix editor (TAM : INDEX __ Tam menu ; TI : M[I,J]<name> [<row> <col>]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
INDIA	S.IND ◊	Indian formatting	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.3] F3	Set to Indian regional formats (date, time, calendar, number formatting) (TI : First Gregorian day set: 14.05.1752 ; Week of Year rule set: Sunday.Saturday) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_3.pdf
[INFO]	INFO	Information	MENU			Information	Menu [BLUE7.2] fF3	System information and some information about the value in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_2.pdf
[INFO]	INFO	Information	MENU			Information	Keyboard g[EXIT]	System information and some information about the value in the X-register Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
[INFO]	INFO	Information	MENU			Information	Catalog CAT.MENUS INFO	System information and some information about the value in the X-register Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_1.pdf
inHg→Pa	--	inHg to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] F3	Convert inch of Mercury to Pascal (TI : Pa) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
in ² →mm ²	--	in ² to mm ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [SecPrp.1] fF3	Convert square inch to square millimetre (TI : mm ²) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
in ³ →floz _{UK}	--	in ³ to floz _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] F4	Convert cubic inch to UK fluid ounce (TI : floz _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
in ³ →floz _{US}	--	in ³ to floz _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] F4	Convert cubic inch to US fluid ounce (TI : floz _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
in ³ →mℓ	--	in ³ to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] F1	Convert cubic inch to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
in ³ →mℓ	--	in ³ to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] F1	Convert cubic inch to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
in ³ →mm ³	--	in ³ to mm ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [SecPrp.1] gF3	Convert cubic inch to cubic millimetre (TI : mm ³) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
INPUT	INPUT	Input	Command (PEM)			Programming	Menu [P.FN1.1] F1	Halt program execution, push current value, prompt and accept input for register or variable (TAM : INPUT __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
INSC	M.INS	Insert column	Command			Matrix operations	Menu [M_EDIT.1] fF2 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Insert column into matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
INSC	M.INS	Insert column	Command			Matrix operations	Menu [EDITN (M_EDIT).1] fF2	Insert column into matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
INSC	M.INS	Insert column	Command			Matrix operations	Menu [EDIT (M_EDIT).1] fF2	Insert column into matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
INSR	M.INS	Insert row	Command			Matrix operations	Menu [M_EDIT.1] fF1 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Insert row into matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
INSR	M.INS	Insert row	Command			Matrix operations	Menu [EDITN (M_EDIT).1] fF1	Insert row into matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
INSR	M.INS	Insert row	Command			Matrix operations	Menu [EDIT (M_EDIT).1] fF1	Insert row into matrix, at the cursor position Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
INT?	INT?	Integer?	Command (logical)			Programming	Menu [TEST.3] F2	Test X is short integer (8.82-8.16), long integer (8) or Real number (1.0-1.5) with zero fractional part (test function SINT?, LINT? or R? is true) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
INTING	--	Integrator running	Flag (system)	CLEAR	<no annunciator>	Integrator	Menu [SYS.FL.3] F2 (Also) reached from MENU (item, nonpgm) CFLG	SET for integrator running; CLEAR for integrator not running Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
INTING	--	Integrator running	Flag (system)	CLEAR	<no annunciator>	Integrator	Menu [CFLG (SYS.FL).3] F2	SET for integrator running; CLEAR for integrator not running Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_3.pdf
IntP	--	IntP	User Program			Test programs	Menu [PROGS.1] fF3 (Also) reached from MENU (TAM, ASM) PROG	IntP test program, available to load from PROGRAMS/ALLPGMS/IntP.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
IntP	--	IntP	User Program			Test programs	Menu [PROG (PROGS).1] fF3	IntP test program, available to load from PROGRAMS/ALLPGMS/IntP.ph7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
[INTS]	INTS	Integers	MENU			Integers	Menu [BLUE7.3] fF5	Short integer functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_3.pdf
[INTS]	INTS	Integers	MENU			Integers	Keyboard f[S]	Short integer functions Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
[INTS]	INTS	Integers	MENU			Integers	Catalog CAT.MENUS INTS	Short integer functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
in ⁴ →mm ⁴	--	in ⁴ to mm ⁴	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [SecPrp.1] fF5	Convert inch to the power 4 to millimetre to the power 4 (TI : mm ⁴) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
in ⁶ →mm ⁶	--	in ⁶ to mm ⁶	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [SecPrp.1] gF5	Convert inch to the power 6 to millimetre to the power 6 (TI : mm ⁶) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
IP	IP	Integer Part	Function (monadic)			Fractions	Menu [REAL.1] F1	Integer Part of number (returns Real number) (Shortcut : #TAM [R4] (I) for closed number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
IP	IP	Integer Part	Function (monadic)			Fractions	Keyboard #TAM [R4]	Integer Part of number (returns Real number) (Shortcut : #TAM [R4] (I) for closed number) Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_3.pdf
IP	IP	Integer Part	Function (monadic)			Fractions	Menu [HOME.1] gF2	Integer Part of number (returns Real number) (Shortcut : #TAM [R4] (I) for closed number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
[IPART]	IPART	Select IP separator	MENU			Display	Catalog CAT.MENUS IPART	Select integer part separator Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
[IPART.~]	IPART	Select IP separator	MENU (item, nonpgm)			Display	Menu [DISP.1] gF1	Select integer part separator ; button label showing current separator (.) ; symbol # for no separator (Info : CAT.MENUS IPART) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
[IPART.~]	IPART	Select IP separator	MENU (item, nonpgm)			Display	Catalog CAT.MENUS IPART	Select integer part separator ; button label showing current separator (.) ; symbol # for no separator (Info : CAT.MENUS IPART) Ref : https://n7calc.com/doc/R47/Menu/xxx1.pdf
IPGRP	IPGRP ₃	IP group size	Setting (pgm)	3	<no annunciator>	Display	Menu [IPART.1] gF1 (Also) reached from MENU (item, nonpgm) IPART.~	Set integer part group size (2-9 digits) ; not for SCI or ENG notation (TAM : IPGRP ~ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
IPGRP1	IPGRP1 ₀	IP first group size	Setting (pgm)	0	<no annunciator>	Display	Menu [IPART.1] gF2 (Also) reached from MENU (item, nonpgm) IPART.~	Set number of digits of the first group to the left of the radix to be different from IPGRP ; a value of 0 means this setting is ignored (IPGRP is followed) (TAM : IPGRP1 ~ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
IPGRP1x	IPGRP1x ₀	IP first group extension	Setting (pgm)	0	<no annunciator>	Display	Menu [IPART.1] gF3 (Also) reached from MENU (item, nonpgm) IPART.~	Allow the first group to the left of the radix to contain one more digit (up to 1-9) than the number of digits specified by IPGRP1 ; a value of 0 means this setting is ignored (IPGRP1 is followed) (TAM : IPGRP1x ~ TamNonReg menu ; Info : e.g. with first group size set to 3 and extension set to 2, up to a value of 2999 the digits remain grouped (without separator), but 3 000 and higher will not (separator space is assumed here)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
IRFR	--	Irrational fractions mode preferred	Flag (system)	CLEAR	<no annunciator>	Fractions	Menu [SYS.FL.3] F4 (Also) reached from MENU (item, nonpgm) CFLG	SET for irrational fractions mode preferred ; CLEAR for irrational fractions mode not preferred (Info : IRFR is SET by IRFRAC and CLEARED by FRAC to preserve state when toggling fraction modes using a b/c and .d) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
IRFR	--	Irrational fractions mode preferred	Flag (system)	CLEAR	<no annunciator>	Fractions	Menu [CFLG (SYS.FL).3] F4	SET for irrational fractions mode preferred ; CLEAR for irrational fractions mode not preferred (Info : IRFR is SET by IRFRAC and CLEARED by FRAC to preserve state when toggling fraction modes using a b/c and .d) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_3.pdf
IRFRAC	IRFRAC ☐	Irrational fractions mode	Setting	OFF	a ^b /c×I ; ^b /c×I ; [+≐]	Fractions	Menu [DISP.1] fF2	Switch on irrational fractions mode ; not programmable - in PEM, use flag IRFRAC (Info : IRFRAC and FRAC are linked (both cannot be ON at the same time) ; SBI ×I or -I indicates that approximate multiples or fractions can be used, of the irrational numbers √2, √3, √5, √7, φ, π ² , π ⁻¹ , √e, π, π ² , e ⁻² , e ⁻¹ , e and e ² (with tolerance 10 ⁻²⁴) ; Prefix ≐ + <approximation> ; multiplication symbol SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol · or SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol · according to flag MULT× ; SBI ≐ indicates FDIGS < 34 ; SBI is shown if flag SBfrac is SET ; exit fraction modes by .d or CLRMD0 (longerpress [EXIT])) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
IRFRAC	--	Irrational fractions mode	Flag	CLEAR	a ^b /c×I ; ^b /c×I ; [+≐]	Fractions	Menu [SYS.FL.3] F3 (Also) reached from MENU (item, nonpgm) CFLG	SET for irrational fractions mode ; CLEAR for irrational fractions mode inactive ; IRFRAC gives fractional results only if a simple fraction exists ; on battery power, matrices and vectors are ignored to prevent heavy calculations (Info : IRFRAC and FRAC are linked (both cannot be SET at the same time) ; SBI ×I or -I indicates that approximate multiples or fractions can be used, of the irrational numbers √2, √3, √5, √7, φ, π ² , π ⁻¹ , √e, π, π ² , e ⁻² , e ⁻¹ , e and e ² (with tolerance 10 ⁻²⁴) ; Prefix ≐ + <approximation> ; multiplication symbol SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol · or SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol · according to flag MULT× ; SBI ≐ indicates FDIGS < 34 ; SBI is shown if flag SBfrac is SET ; exit fraction modes by .d or CLRMD0 (longerpress [EXIT])) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
IRFRAC	--	Irrational fractions mode	Flag	CLEAR	a ^b /c×I ; ^b /c×I ; [+≐]	Fractions	Menu [CFLG (SYS.FL).3] F3	SET for irrational fractions mode ; CLEAR for irrational fractions mode inactive ; IRFRAC gives fractional results only if a simple fraction exists ; on battery power, matrices and vectors are ignored to prevent heavy calculations (Info : IRFRAC and FRAC are linked (both cannot be SET at the same time) ; SBI ×I or -I indicates that approximate multiples or fractions can be used, of the irrational numbers √2, √3, √5, √7, φ, π ² , π ⁻¹ , √e, π, π ² , e ⁻² , e ⁻¹ , e and e ² (with tolerance 10 ⁻²⁴) ; Prefix ≐ + <approximation> ; multiplication symbol SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol · or SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol · according to flag MULT× ; SBI ≐ indicates FDIGS < 34 ; SBI is shown if flag SBfrac is SET ; exit fraction modes by .d or CLRMD0 (longerpress [EXIT])) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ISE	ISE	Increment skip on equal	Command			Programming	Menu [LOOP.1] F4	Increment skip on equal, using range number in register or variable (ccc.fffii, where ccc is counter, fff is final value, ii is increment) (TAM : ISE __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_LOOP_page_1.pdf
ISG	ISG	Increment skip on greater	Command			Programming	Menu [LOOP.1] F6	Increment skip on greater, using range number in register or variable (ccc.fffii, where ccc is counter, fff is final value, ii is increment) (TAM : ISG __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_LOOP_page_1.pdf
ISM	ISM ₂	Set integer sign mode	Command	2		Integers	Menu [INF0.3] F2	Set integer sign mode to X ; also set interactively from menu BITSET (1COMPL ; 2COMPL ; SIGNMT ; UNSIGN) (Info : 1COMPL: 1 ; 2COMPL: 2 ; SIGNMT: -1 ; UNSIGN: 0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_3.pdf
ISM#	ISM#	Get integer sign mode	Command	2		Integers	Menu [INF0.3] F2	Get integer sign mode ; set interactively from menu BITSET (1COMPL ; 2COMPL ; SIGNMT ; UNSIGN) and by ISM (Info : 1COMPL: 1 ; 2COMPL: 2 ; SIGNMT: -1 ; UNSIGN: 0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_3.pdf
ISZ	ISZ	Increment skip on zero	Command			Programming	Menu [LOOP.1] F5	Increment skip on zero, using range number in register or variable (ccc.fffii, where ccc is counter, fff is final value, ii is increment) (TAM : ISZ __ Tam menu ; Info : time values may be used as the range number, increment is one hour) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_LOOP_page_1.pdf
3	--	Superscript 3	Character			Characters	See description	Character ³ (Fontcode : 2183 ₁₆)
8	--	Superscript 8	Character			Characters	See description	Character ⁸ (Fontcode : 2188 ₁₆)
Γ_p	Γ_p	Lower regularised incomplete Gamma function	Function (dyadic)			Mathematics	Menu [X.FN.2] F3	Lower regularised incomplete Gamma function (P) -- see https://mathworld.wolfram.com/RegularizedGammaFunction.html [https://mathworld.wolfram.com/RegularizedGammaFunction.html] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
Γ_q	Γ_q	Upper regularised incomplete Gamma function	Function (dyadic)			Mathematics	Menu [X.FN.2] F4	Upper regularised incomplete Gamma function (Q) -- see https://mathworld.wolfram.com/RegularizedGammaFunction.html [https://mathworld.wolfram.com/RegularizedGammaFunction.html] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
J	--	J	Character			Characters	Keyboard alphaSIM [j]	Character J (Fontcode : 004A ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
J	--	J	Character			Characters	Keyboard alpha [DR6]	Character J (Fontcode : 004A ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
j	--	j	Character			Characters	Keyboard alpha f [DR6]	Character j (Fontcode : 006A ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
J	--	Register J	EasyAccess (TAM)			Trailing input	Menu [REG.1] gF2	Easy access to Register J (110) : General purpose register J ; also used to store current column of indexed matrix (Shortcut : ST0/RCL [J] ; TI : J: or M[I _r J _c]=<name> [<row> <col>] (if indexed matrix exists)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
{J}	--	Register J	EasyAccess (TAM)			Trailing input	Keyboard TAM [DR6]	Easy access to Register J (110) : General purpose register J ; also used to store current column of indexed matrix (Shortcut : ST0/RCL [J] ; TI : J: or M[I _r J _c]=<name> [<row> <col>] (if indexed matrix exists)) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
j	--	Local label j	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] gF4	Easy access to local label j Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLabel_page_1.pdf
{J}	--	Local label J	EasyAccess (TAM)			Trailing input	See description	Easy access to local label J (Shortcut : LBL {J})
J	--	Register J	Register (lettered)			Lettered registers	See description	Register J (110) : General purpose register J ; also used to store current column of indexed matrix (Info : Reached from ST0/RCL [REG.1] gF2 or ST0/RCL {J})
J	--	Flag J	EasyAccess (TAM)			Trailing input	Menu [FL6.1] gF2	Easy access to Flag J (110) (Shortcut : FF {J}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FL6_page_1.pdf
J	--	Flag J	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag J (110) (Info : Reached from FF [FL6.1] gF2 or FF {J})
j	--	Complex j	Character			Characters	Menu [oMath.4] F1	Mathematical symbol j (Shortcut : alpha g [DR6] ; Info : Fontcode : 2149 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_4.pdf
j	--	Complex j	Character			Characters	Keyboard alpha g [DR6]	Character j (Shortcut : alpha g [DR6] ; Info : Fontcode : 2149 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
J	--	Subscript J	Character			Characters	See description	Character J (Fontcode : 2409 ₁₆)
J	--	Superscript J	Character			Characters	See description	Character J (Fontcode : 240F ₁₆)
Ĵ	--	j circumflex	Character			Characters	Menu [oMath.7] gF5	Mathematical symbol j (Fontcode : 0135 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_7.pdf
J-	J-	Decrement column index	Command	<col>		Matrix operations	Menu [MATX.3] F5	Decrement column index J of indexed matrix ; wraps automatically ; does not put value on the stack ; menu button J- on [MATX.3] F5 displays value as subscript (only if indexed matrix exists) (TI : M[I _r J _c]=<name> [<row> <col>]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
J _y (x)	J _y (x)	Bessel function of the 1st kind	Function (monadic)			Mathematics	Menu [X.FN.2] gF3	Bessel function of the 1st kind and order y -- see http://en.wikipedia.org/wiki/Bessel_function [http://en.wikipedia.org/wiki/Bessel_function] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
J/G	J/G	Set Julian-Gregorian transition	Function (monadic)	1752-09-14		Time functions	Menu [CLK.3] F2 (Also) reached from MENU (item) DTSET	Set the day that Julian date changes over to Gregorian date (using date in X) (Info : Input real number according to function x#0) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
J/G#	J/G#	Get Julian-Gregorian transition	Command	1752-09-14		Time functions	Menu [CLK.3] F1 (Also) reached from MENU (item) DTSET	Get the day that Julian date changes over to Gregorian date (Info : Set by J/G) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
J/G#	J/G#	Get Julian-Gregorian transition	Command	1752-09-14		Time functions	Menu [INF0.2] gF1	Get the day that Julian date changes over to Gregorian date (Info : Set by J/G) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_2.pdf
J→Btu	--	J to Btu	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] F6	Convert Joule to British Thermal Unit (TI : Btu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
J→cal	--	J to cal	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] F4	Convert Joule to calorie (TI : cal) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
J→DT	J→DT	Julian day number to date-time	Command			Time functions	Menu [CLK.1] F5 (Also) reached from MENU (item) DTSET	Convert Julian day number (JDN) to date in Y and time in X (Info : Years are astronomical, 0 equals 1 BCE ; JDN .0 equals noon) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf
J→erg	--	J to erg	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] fF4	Convert Joule to erg (TI : erg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
J→eV	--	J to eV	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] fF2	Convert Joule to electronvolt (TI : eV) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
J→foe	--	J to foe	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] fF8	Convert Joule to foe (TI : foe) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
J→Wh	--	J to Wh	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1] F2	Convert Joule to Watt-hour (TI : Wh) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
J+	J+	Increment column index	Command	<col>		Matrix operations	Menu [MATX.3] F6	Increment column index J of indexed matrix ; wraps automatically ; does not put value on the stack ; menu button J+ on [MATX.3] F6 displays value as subscript (only if indexed matrix exists) (TI : M[L,J]=<name> [<row> <col>]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
JAPAN	S.JPN ◊	Japanese formatting	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.3] F4	Set to Japanese regional formats (date, time, calendar, number formatting) (TI : First Gregorian day set: 1873-01-01 ; Week of Year rule set: Sunday.Saturday) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_3.pdf
JG.1582	JG.1582	Julian-Gregorian transition 1582	Setting (pgm)		<no annunciator>	Time functions	Menu [CLK.3] F3 (Also) reached from MENU (item) DTSET	Set Julian-Gregorian transition date to 1582-10-15 (Info : First Gregorian day set: 1582-10-15) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
JG.1752	JG.1752	Julian-Gregorian transition 1752	Setting (pgm)		<no annunciator>	Time functions	Menu [CLK.3] F4 (Also) reached from MENU (item) DTSET	Set Julian-Gregorian transition date to 1752-09-14 (Info : First Gregorian day set: 1752-09-14) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
JG.1873	JG.1873	Julian-Gregorian transition 1873	Setting (pgm)		<no annunciator>	Time functions	Menu [CLK.3] F5 (Also) reached from MENU (item) DTSET	Set Julian-Gregorian transition date to 1873-01-01 (Info : First Gregorian day set: 1873-01-01) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
JG.1949	JG.1949	Julian-Gregorian transition 1949	Setting (pgm)		<no annunciator>	Time functions	Menu [CLK.3] F6 (Also) reached from MENU (item) DTSET	Set Julian-Gregorian transition date to 1949-10-01 (Info : First Gregorian day set: 1949-10-01) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
jīn→kg	--	jīn to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2] fF3	Convert jīn to kilogram (TI : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_2.pdf
JM	--	Set JM profile	Setting (group)	OFF	<no annunciator>	Developer	Menu [DEV.1] F3	Set JM profile (Info : JM is one of the C47/R47 developers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DEV_page_1.pdf
K	--	K	Character			Characters	Keyboard alpha [x2y]	Character K (Fontcode : 004B16) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
K	--	K	Character			Characters	Keyboard alphaSIM [k]	Character K (Fontcode : 004B16) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
k	--	k	Character			Characters	Keyboard alpha f[x2y]	Character k (Fontcode : 006B16) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
K	--	Register K	EasyAccess (TAM)			Trailing input	Menu [REG.1] fF1	Easy access to Register K (111) : General purpose register K ; also used in VarMMU to store variable name when MVAR-defined button (<var...>) is pressed without NIM input ; also used to store last long integer prime factor for FACTORS or the remaining number to be factorised ; also used as the default alpha register for commands compatible with the HP-42S/DM2(n) calculator (Shortcut : STO/RCL [K] ; TI : K) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
{K}	--	Register K	EasyAccess (TAM)			Trailing input	Keyboard TAM [x2y]	Easy access to Register K (111) : General purpose register K ; also used in VarMMU to store variable name when MVAR-defined button (<var...>) is pressed without NIM input ; also used to store last long integer prime factor for FACTORS or the remaining number to be factorised ; also used as the default alpha register for commands compatible with the HP-42S/DM2(n) calculator (Shortcut : STO/RCL [K] ; TI : K) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
k	--	Local label k	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] gF5	Easy access to local label k Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLabel_page_1.pdf
{K}	--	Local label K	EasyAccess (TAM)			Trailing input	See description	Easy access to local label K (Shortcut : LBL [K])
K	--	Register K	Register (lettered)			Lettered registers	See description	Register K (111) : General purpose register K ; also used in VarMMU to store variable name when MVAR-defined button (<var...>) is pressed without NIM input ; also used to store last long integer prime factor for FACTORS or the remaining number to be factorised ; also used as the default alpha register for commands compatible with the HP-42S/DM2(n) calculator (Info : Reached from STO/RCL [REG.1] fF1 or STO/RCL [K])

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
K	--	Flag K	EasyAccess (TAM)			Trailing input	Menu [FLG.1]fF1	Easy access to Flag K (111) (Shortcut : FF [K]) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_1.pdf
K	--	Flag K	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag K (111) (Info : Reached from FF [FLG.1]F1 or FF {K})
K	--	Subscript K	Character			Characters	See description	Character κ (Fontcode : 240A1 ₆)
K	--	Superscript K	Character			Characters	See description	Character $\mathbf{\kappa}$ (Fontcode : 240B1 ₆)
κ	--	k circumflex	Character			Characters	Menu [oMath.7]gF6	Mathematical symbol $\hat{\kappa}$ (Fontcode : 81371 ₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_7.pdf
K(m)	K(m)	Complete elliptic integral (1st)	Function (monadic)			Mathematics	Menu [Ellipt.1]F4	Complete elliptic integral of the 1st kind -- see https://mathworld.wolfram.com/CompleteEllipticIntegraloftheFirstKind.html (Parameter : m = X) [https://mathworld.wolfram.com/CompleteEllipticIntegraloftheFirstKind.html] Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Ellipt_page_1.pdf
K→°C	--	K to °C	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1]F4	Convert Kelvin to degrees Celsius (T1 : °C) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Temp_page_1.pdf
K→°F	--	K to °F	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1]F6	Convert Kelvin to degrees Fahrenheit (T1 : °F) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Temp_page_1.pdf
K→°R	--	K to °R	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1]fF4	Convert Kelvin to degrees Rankine (T1 : °R) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Temp_page_1.pdf
K→eV/kg	--	K to eV/kg	Function (monadic, linked)		<no annunciator>	Temperature conversions	Menu [Temp.1]fF6	Convert Kelvin to electronvolt/Boltzmann constant (T1 : eV/kg) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Temp_page_1.pdf
k→m	k→m	Eccentricity to modulus	Function (monadic)			Mathematics	Menu [Ellipt.1]fF1	Ellipse eccentricity to modulus : $m = k^2$ (T1 : modulus $m=k^2$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Ellipt_page_1.pdf
K _B	--	Khinchin constant	Constant			Constants	Menu [CNST.2]F2	Constant $\pi \sqrt{57}$ k_0 c.khinchin = +2.68545200185338445309714935481796 Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_2.pdf
k _B	--	Boltzmann constant	Constant			Constants	Menu [CNST.2]F3	Constant $\pi \sqrt{21}$ k_B c.boltzmn = +1.380658 × 10 ⁻²³ (Unit : J/K) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_2.pdf
KEY	--	Key	Command (PEM)			Programming	See description	Used in Program Entry Mode to specify soft button (1-18) of the Programmable MENU, forming program step for KEYG → KEY nn GTD ; KEYX → KEY nn XEQ (TAM : KEY ___ TamKey menu)
KEY?	KEY?	Key pressed?	Command (logical, PEM)			Programming	Menu [TEST.1]gF2	Test key was pressed : if it is NOT pressed, the next program step will be executed and if it IS pressed, the next program step will be skipped and the keycode is stored in the register specified ; keycode range is 11-85, where the first digit is row, second digit is column number (TAM : KEY? ___ Tam menu ; Info : KEY? should not be used in short loops, keeps calculator running on full power ; [R/S] and [EXIT] interrupt a program and KEY? will not work for those keys ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_KeyType.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_1.pdf
KEY?	KEY?	Key pressed?	Command (logical, PEM)			Programming	Menu [P.FN1.1]fF4	Test key was pressed : if it is NOT pressed, the next program step will be executed and if it IS pressed, the next program step will be skipped and the keycode is stored in the register specified ; keycode range is 11-85, where the first digit is row, second digit is column number (TAM : KEY? ___ Tam menu ; Info : KEY? should not be used in short loops, keeps calculator running on full power ; [R/S] and [EXIT] interrupt a program and KEY? will not work for those keys ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_KeyType.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN1_page_1.pdf
KEY.LP	KEY.LP ■	Longpress f and g shortcuts	Setting	ON	<no annunciator>	User interface	Menu [MODE.3]gF4	Switch on longpress shortcuts for f-shift and g-shift keys ; not programmable - in PEM, use flag KEY.LP (Info : KEY.LP pertains to RN7v0 f g layout and RN7v2 θ g layout only and also enables longpress assignment to f-shift and g-shift keys) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_3.pdf
KEY.LP	KEY.LP ■	Longpress f and g shortcuts	Setting	ON	<no annunciator>	User interface	Menu [PREF.3]gF4	Switch on longpress shortcuts for f-shift and g-shift keys ; not programmable - in PEM, use flag KEY.LP (Info : KEY.LP pertains to RN7v0 f g layout and RN7v2 θ g layout only and also enables longpress assignment to f-shift and g-shift keys) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_3.pdf
KEY.LP	--	Longpress f and g shortcuts	Flag	SET	<no annunciator>	User interface	Menu [SYS.FL.3]F6 (Also) reached from MENU (item, nonpgm) CFL6	SET for longpress shortcuts for f-shift and g-shift keys ; CLEAR for longpress f and g shortcuts inactive (Info : KEY.LP pertains to RN7v0 f g layout and RN7v2 θ g layout only and also enables longpress assignment to f-shift and g-shift keys) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_SYS-FL_page_3.pdf
KEY.LP	--	Longpress f and g shortcuts	Flag	SET	<no annunciator>	User interface	Menu [CFL6 (SYS.FL.3)]F6	SET for longpress shortcuts for f-shift and g-shift keys ; CLEAR for longpress f and g shortcuts inactive (Info : KEY.LP pertains to RN7v0 f g layout and RN7v2 θ g layout only and also enables longpress assignment to f-shift and g-shift keys) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CFL6_page_3.pdf
KEY _{A-F}	KEY _{A-F} ■	A-F keys	Setting	ON	■KEY _{A-F}	Number bases	Catalog CAT.FCNS KEY _{A-F} ■	Switch on row 2 keys to enter digits A-F in ■BASE Mode ; not programmable - in PEM, use flag KEY _{A-F} (Info : Entering digits A-F switches the calculator to hexadecimal mode ; when KEY _{A-F} is ON, the respective digit is included in the row 2 key's longpress preview cycle) Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
KEY _{A-F}	--	A-F keys	Flag	SET	■KEY _{A-F}	Number bases	Menu [SYS.FL.3]F6 (Also) reached from MENU (item, nonpgm) CFL6	SET for row 2 keys to enter digits A-F in ■BASE Mode ; CLEAR for row 2 keys to work normally (Info : Entering digits A-F switches the calculator to hexadecimal mode ; when KEY _{A-F} is SET, the respective digit is included in the row 2 key's longpress preview cycle) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_SYS-FL_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
KEY _{A-F}	--	A-F keys	Flag	SET	#KEY _{A-F}	Number bases	Menu [TamFlag.1] g F2	SET for row 2 keys to enter digits A-F in #BASE Mode; CLEAR for row 2 keys to work normally (Info : Entering digits A-F switches the calculator to hexadecimal mode; when KEY _{A-F} is SET, the respective digit is included in the row 2 key's longpress preview cycle) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamFlag_page_1.pdf
KEY _{A-F}	--	A-F keys	Flag	SET	#KEY _{A-F}	Number bases	Menu [CFL6 (SYS.FL).3] F5	SET for row 2 keys to enter digits A-F in #BASE Mode; CLEAR for row 2 keys to work normally (Info : Entering digits A-F switches the calculator to hexadecimal mode; when KEY _{A-F} is SET, the respective digit is included in the row 2 key's longpress preview cycle) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CFL6_page_3.pdf
KEYG	KEYG	Key Go to	Command (PEM)			Programming	Menu [P.FN2.1] F1	Used in Program Entry Mode to specify the label to go to when soft button (1-18) of the Programmable MENU, [*] (19), [4] (20) or [EXIT] (21) is pressed; if button 1-18 is specified, KEYG also creates a soft button in the Programmable MENU with the string in X as a label (TAM : KEYG → KEY __ TamKey menu; KEY nn GT0 __ TamLabel menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN2_page_1.pdf
KEYMAP	KEYMAP	Keyboard map	Browser			Catalog	Menu [CAT.1] f F6	Browse keyboard map (default USER mode); also showing special NORMAL hotkey assignment from menu ◻ KEY; if KEYMAP is activated when in Alpha Input Mode or Equation Input Mode, the alpha keyboard mappings are shown only (default NORMAL mode, starting with alpha g-shift) (Info : Press and hold key [.] to view USER or NORMAL (STD) keys; browse using [*] and [4]; press [EXIT] to exit Keyboard map; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_KEYMAP.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CAT_page_1.pdf
KEYMAP	KEYMAP	Keyboard map	Browser			Catalog	Menu [CAT.1] F6	Browse keyboard map (default USER mode); also showing special NORMAL hotkey assignment from menu ◻ KEY; if KEYMAP is activated when in Alpha Input Mode or Equation Input Mode, the alpha keyboard mappings are shown only (default NORMAL mode, starting with alpha g-shift) (Info : Press and hold key [.] to view USER or NORMAL (STD) keys; browse using [*] and [4]; press [EXIT] to exit Keyboard map; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_KEYMAP.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CAT_ALPHA_page_1.pdf
KEYMAP	KEYMAP	Keyboard map	Browser			Catalog	Menu [CAT.1] F6	Browse keyboard map (default USER mode); also showing special NORMAL hotkey assignment from menu ◻ KEY; if KEYMAP is activated when in Alpha Input Mode or Equation Input Mode, the alpha keyboard mappings are shown only (default NORMAL mode, starting with alpha g-shift) (Info : Press and hold key [.] to view USER or NORMAL (STD) keys; browse using [*] and [4]; press [EXIT] to exit Keyboard map; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_KEYMAP.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CAT_EQN_page_1.pdf
KEYMAP	KEYMAP	Keyboard map	Browser			Catalog	Menu [KEYS.1] F6	Browse keyboard map (default USER mode); also showing special NORMAL hotkey assignment from menu ◻ KEY; if KEYMAP is activated when in Alpha Input Mode or Equation Input Mode, the alpha keyboard mappings are shown only (default NORMAL mode, starting with alpha g-shift) (Info : Press and hold key [.] to view USER or NORMAL (STD) keys; browse using [*] and [4]; press [EXIT] to exit Keyboard map; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_KEYMAP.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_KEYS_page_1.pdf
[KEYS]	KEYS	Keys	MENU			Customisation	Menu [BLUE47.3] F2	Layouts, ribbons and special key assignments (Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Keyboard_side_by_side.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUE47_page_3.pdf
[KEYS]	KEYS	Keys	MENU			Customisation	Keyboard g[1]	Layouts, ribbons and special key assignments (Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Keyboard_side_by_side.pdf) Ref : https://N7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_7.pdf
[KEYS]	KEYS	Keys	MENU			Customisation	Catalog CAT.MENU KEYS	Layouts, ribbons and special key assignments (Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Keyboard_side_by_side.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_KEYS_page_1.pdf
KEYS.R	--	Keyboard reset	Command			Cleanup	Menu [RESETS.1] F6	Clean (delete) all key assignments (T1 : Key assignments cleaned; Info : the Normal Mode key assignment can be set in menu ◻ KEY if the calculator layout allows it) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_RESETS_page_1.pdf
KEYX	KEYX	Key Execute	Command (PEM)			Programming	Menu [P.FN2.1] F2	Used in Program Entry Mode to specify the program to execute when soft button (1-18) of the Programmable MENU, [*] (19), [4] (20) or [EXIT] (21) is pressed; if button 1-18 is specified, KEYX also creates a soft button in the Programmable MENU with the string in X as a label (TAM : KEYX → KEY __ TamKey menu; KEY nn XEQ __ TamLabel menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN2_page_1.pdf
kg/m→lbs/ft	--	kg/m to lbs/ft	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [SecPrp.1] F2	Convert kilogram per metre to pound per foot (T1 : lbs/ft) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_SecPrp_page_1.pdf
kg/m³→blob/in³	--	kg/m³ to blob/in³	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] g F5	Convert kilogram per cubic metre to blob per cubic inch (T1 : blob/in³; Info : single = lob/in³) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf
kg/m³→lbs/in³	--	kg/m³ to lbs/in³	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] F4	Convert kilogram per cubic metre to pound per cubic inch (T1 : lbs/in³) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf
kg/m³→t/mm³	--	kg/m³ to t/mm³	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] f F5	Convert kilogram per cubic metre to metric tonne per cubic millimetre (T1 : t/mm³) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
kg→blob	--	kg to blob	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:1] gF6	Convert kilogram to blob; this is the same conversion as kg→lbf-s²/in on [Mass:2] gF4 (TI : blob;) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
kg→cwt	--	kg to cwt	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:1] F4	Convert kilogram to hundredweight (TI : cwt); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
kg→fir	--	kg to fir	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [FFF+:1] fF4	Convert kilogram to firkin (TI : fir); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FFF+_page_1.pdf
kg→jīn	--	kg to jīn	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] fF4	Convert kilogram to jīn (TI : jīn); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kg→lbf-s²/ft	--	kg to lbf-s²/ft	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] gF2	Convert kilogram to lbf-s²/ft (slug); this is the same conversion as kg→slug on [Mass:1] gF2 (TI : lbf-s²/ft; Info : single = lbf-s²/ft); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kg→lbf-s²/in	--	kg to lbf-s²/in	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] gF4	Convert kilogram to lbf-s²/in (slinch or blob); this is the same conversion as kg→slinch on [Mass:1] gF4 (TI : lbf-s²/in; Info : single = lbf-s²/in); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kg→lbf-s²/in	--	kg to lbf-s²/in	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] gF6	Convert kilogram to lbf-s²/in (slinch or blob); this is the same conversion as kg→slinch on [Mass:1] gF4 (TI : lbf-s²/in; Info : single = lbf-s²/in); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kg→lbs	--	kg to lbs	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:1] F2	Convert kilogram to pound (TI : lbs); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
kg→liǎng	--	kg to liǎng	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] fF6	Convert kilogram to liǎng (TI : liǎng); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kg→long ton	--	kg to long ton	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] F2	Convert kilogram to long ton (TI : long ton; Info : single = ng tone); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kg→short cwt	--	kg to short cwt	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:1] fF4	Convert kilogram to short hundredweight (TI : short cwt; Info : single = rt cwt); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
kg→short ton	--	kg to short ton	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] F4	Convert kilogram to short ton (TI : short ton; Info : single = rt tone); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kg→slinch	--	kg to slinch	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:1] gF4	Convert kilogram to slinch; this is the same conversion as kg→lbf-s²/in on [Mass:2] gF4 (TI : slinch); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
kg→slug	--	kg to slug	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:1] gF2	Convert kilogram to slug; this is the same conversion as kg→lbf-s²/ft on [Mass:2] gF2 (TI : slug); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
kg→stone	--	kg to stone	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:1] fF2	Convert kilogram to stone (TI : stone); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
kg→tonne	--	kg to tonne	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] F8	Convert kilogram to metric tonne (TI : tonne); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_2.pdf
kgf/m→N/m	--	kgf/m to N/m	Function (monadic, linked)		<no annunciator>	Linear Force Density conversions	Menu [FLoads:1] fF1	Convert kilogram force per metre to Newton per metre (TI : N/m); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLoads_page_1.pdf
kgf→lbf	--	kgf to lbf	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [FLoads:1] fF4	Convert kilogram force to pound force (TI : lbf); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLoads_page_1.pdf
kgf→N	--	kgf to N	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [FLoads:1] gF3	Convert kilogram force to Newton (TI : N); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLoads_page_1.pdf
K_J	--	Josephson constant	Constant			Constants	Menu [CNST:2] F4	Constant = 22 K _J c _J Josephson = +4.83597848(68)3632N76582850545281 × 10 ¹⁴ (Unit : Hz/V) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_2.pdf
km/h→ft/s	--	km/h to ft/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed:1] fF2	Convert kilometre per hour to foot per second (TI : ft/s); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Speed_page_1.pdf
km/h→fur/ftn	--	km/h to fur/ftn	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [FFF+:1] fF6	Convert kilometre per hour to furlong per fortnight (TI : fur/ftn; Info : single = ur/ftne); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FFF+_page_1.pdf
km/h→knot	--	km/h to knot	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed:1] gF2	Convert kilometre per hour to knot (TI : knot); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Speed_page_1.pdf
km/h→m/s	--	km/h to m/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed:1] F2	Convert kilometre per hour to metre per second (TI : m/s); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Speed_page_1.pdf
km/h→mph	--	km/h to mph	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed:1] F3	Convert kilometre per hour to mile per hour (TI : mph); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Speed_page_1.pdf
km/kWh→kWh/l_ukm	--	km/kWh to kWh/l _u km	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymvmv:1] F6	Convert kilometre per kilowatt-hour to kilowatt-hour per 100 kilometre (TI : kWh/100km; Info : single = E/l _u km); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymvmv_page_1.pdf
km/ℓ_e→kWh/l_ukm	--	km/ℓ _e to kWh/l _u km	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymvmv:1] F3	Convert kilometre per litre equivalent to kilowatt-hour per 100 kilometre (TI : kWh/100km; Info : single = E/l _u km); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymvmv_page_1.pdf
km/ℓ→ℓ/l_ukm	--	km/ℓ to ℓ/l _u km	Function (monadic, linked)		<no annunciator>	Fuel economy conversions	Menu [Ymvmv:1] F2	Convert kilometre per litre to litre per 100 kilometre (TI : ℓ/100km); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymvmv_page_1.pdf
km→mi	--	km to mi	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length:1] F2	Convert kilometre to mile (TI : mi); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Length_page_1.pdf
km→nmi	--	km to nmi	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length:1] F2	Convert kilometre to nautical mile (TI : nmi); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Length_page_1.pdf
km²→ha	--	km² to ha	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area:1] gF6	Convert square kilometre to hectare (TI : ha); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
km²→mi²	--	km² to mi²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area:1] F6	Convert square kilometre to square mile (TI : mi²); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf
km²→nmi²	--	km² to nmi²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area:1] fF6	Convert square kilometre to square nautical mile (TI : nmi²); Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Area_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
knot→km/h	--	knot to km/h	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] gF1	Convert knot to kilometre per hour (TI : km/h) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Speed_page_1.pdf
knot→m/s	--	knot to m/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] gF5	Convert knot to metre per second (TI : m/s) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Speed_page_1.pdf
knot→mph	--	knot to mph	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] gF3	Convert knot to mile per hour (TI : mph) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Speed_page_1.pdf
ksi→MPa	--	ksi to MPa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [MatPrp.1] fF1	Convert kilo-pound force per square inch to Megapascal (TI : MPa) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf
KTYP	KTYP	Key type?	Command (logical)			Programming	Menu [INF0.1] F4	Get key type for key code returned by KEY? (TAM : KTYP __ Tam menu ; Info : https://N7calc.com/doc/RN7/Reference/RN7v0_KeyType.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_INF0_page_1.pdf
KTYP	KTYP	Key type?	Command (logical)			Programming	Menu [P.FN1.1] fF5	Get key type for key code returned by KEY? (TAM : KTYP __ Tam menu ; Info : https://N7calc.com/doc/RN7/Reference/RN7v0_KeyType.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN1_page_1.pdf
kWh/l _{ukm} →km/kWh	--	kWh/l _{ukm} to km/kWh	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.1] F5	Convert kilowatt-hour per 100 kilometre to kilometre per kilowatt-hour (TI : km/kWh ; Info : single = km/Ee) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymmv_page_1.pdf
kWh/l _{ukm} →km/ℓ _e	--	kWh/l _{ukm} to km/ℓ _e	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.1] F4	Convert kilowatt-hour per 100 kilometre to kilometre per litre equivalent (TI : km/ℓ _e) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymmv_page_1.pdf
kWh/l _{ukm} →kWh/l _{umi}	--	kWh/l _{ukm} to kWh/l _{umi}	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.1] fF6	Convert kilowatt-hour per 100 kilometre to kilowatt-hour per 100 mile (TI : kWh/100mi ; Info : single = E/l _{umi}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymmv_page_1.pdf
kWh/l _{umi} →kWh/l _{ukm}	--	kWh/l _{umi} to kWh/l _{ukm}	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.1] fF5	Convert kilowatt-hour per 100 mile to kilowatt-hour per 100 kilometre (TI : kWh/100km ; Info : single = E/l _{ukm}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymmv_page_1.pdf
kWh/l _{umi} →mi/kWh	--	kWh/l _{umi} to mi/kWh	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.1] gF5	Convert kilowatt-hour per 100 mile to mile per kilowatt-hour (TI : mi/kWh ; Info : single = mi/Ee) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymmv_page_1.pdf
kWh/l _{umi} →mpg _{UK}	--	kWh/l _{umi} to mpg _{UK}	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.1] gF4	Convert kilowatt-hour per 100 mile to mpg gasoline equivalent UK (TI : mpg _{UK}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymmv_page_1.pdf
kWh/l _{umi} →mpg _{US}	--	kWh/l _{umi} to mpg _{US}	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.1] fF4	Convert kilowatt-hour per 100 mile to mpg gasoline equivalent US (TI : mpg _{US}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ymmv_page_1.pdf
L	--	L	Character			Characters	Keyboard alphaSIM [I]	Character L (Fontcode : 00VC14) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
L	--	L	Character			Characters	Keyboard alpha [CHS]	Character L (Fontcode : 00VC14) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
l	--	l	Character			Characters	Keyboard alpha f [CHS]	Character l (Fontcode : 00SC14) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
L	--	Register L	EasyAccess (TAM)			Trailing input	Menu [REG.1] fF2	Easy access to Register L (108) : Last X (Shortcut : STO/RCL {L} ; TI : L) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_1.pdf
{L}	--	Register L	EasyAccess (TAM)			Trailing input	Keyboard TAM [CHS]	Easy access to Register L (108) : Last X (Shortcut : STO/RCL {L} ; TI : L) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
l	--	Local label l	EasyAccess (TAM)			Trailing input	Menu [TamLabel.1] gF6	Easy access to local label l Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamLabel_page_1.pdf
{L}	--	Local label L	EasyAccess (TAM)			Trailing input	See description	Easy access to local label L (Shortcut : LBL {L})
L	--	Register L	Register (lettered)			Lettered registers	See description	Register L (108) : Last X (Info : Reached from STO/RCL [REG.1] fF2 or STO/RCL {L})
L	--	Flag L	EasyAccess (TAM)			Trailing input	Menu [FLG.1] fF2	Easy access to Flag L (108) (Shortcut : FF {L}) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_1.pdf
L	--	Flag L	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag L (108) (Info : Reached from FF [FLG.1] fF2 or FF {L})
ℓ	--	Litre	Character			Characters	Menu [aMisc.v] gF1	Special character ℓ (Fontcode : 211314) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMisc_page_4.pdf
L	--	Subscript L	Character			Characters	See description	Character L (Fontcode : 2N0B14)
L	--	Superscript L	Character			Characters	See description	Character ^L (Fontcode : 2NC114)
Ĭ	--	L accute	Character			Characters	Menu [aINTL.2] gF4	International character Ĭ (Fontcode : 013914 ; Info : press [4] for Ĭ at [aINTL.2] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_2.pdf
İ	--	l accute	Character			Characters	Menu [aINTL.2] gF4	International character İ (Fontcode : 013A14 ; Info : press [4] for İ at [aINTL.2] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_2.pdf
Ł	--	L apostrophe	Character			Characters	Menu [aINTL.2] gF5	International character Ł (Fontcode : 013D14 ; Info : press [4] for Ł at [aINTL.2] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_2.pdf
ł	--	l apostrophe	Character			Characters	Menu [aINTL.2] gF5	International character ł (Fontcode : 013E14 ; Info : press [4] for ł at [aINTL.2] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_2.pdf
Ł	--	L stroke	Character			Characters	Menu [aINTL.2] gF6	International character Ł (Fontcode : 014114 ; Info : press [4] for Ł at [aINTL.2] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_2.pdf
ł	--	l stroke	Character			Characters	Menu [aINTL.2] gF6	International character ł (Fontcode : 014214 ; Info : press [4] for ł at [aINTL.2] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_lower_page_2.pdf
[L.INTS]	L.INTS	Long integer variables	MENU			Catalog	Menu [VARS.1] F5	Auto-generated catalog of variables of the specified datatype : Long integer (8) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VARS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[L.INTS]	L.INTS	Long integer variables	MENU			Catalog	Catalog CAT.MENUS L.INTS	Auto-generated catalog of variables of the specified datatype : Long integer (0) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_L-INTS_page_1.pdf
L.R.	L.R.	Linear Regression	Command			Plotting and curve fitting	Menu [MODEL.1] F5	Calculate all selected regression models, and select the one with the best coefficient of fit model correlation (r) (TI : <model>* a ₂ = ; y = a ₁ = ; <formula> a ₀ =) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MODEL_page_1.pdf
L.R.	L.R.	Linear Regression	Command			Plotting and curve fitting	Menu [REGR.1] F1	Calculate all selected regression models, and select the one with the best coefficient of fit model correlation (r) (TI : <model>* a ₂ = ; y = a ₁ = ; <formula> a ₀ =) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_REGR_page_1.pdf
L _m	L _m	Laguerre polynomials	Function (dyadic)			Mathematics	Menu [Orthog.1] F2	Laguerre polynomials (Parameter : x = X ; m = Y) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Orthog_page_1.pdf
L _m	L _m	Laguerre polynomials	Function (dyadic)			Mathematics	Menu [FCNS.2] fF4	Laguerre polynomials (Parameter : x = X ; m = Y) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_2.pdf
ℓ/ℓ _u km→km/ℓ	--	ℓ/ℓ _u km to km/ℓ	Function (monadic, linked)		<no annunciator>	Fuel economy conversions	Menu [Ymmv.1] F1	Convert litre per 100 kilometre to kilometre per litre (TI : km/ℓ) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Ymmv_page_1.pdf
ℓ/ℓ _u km→mpg _{uk}	--	ℓ/ℓ _u km to mpg _{uk}	Function (monadic, linked)		<no annunciator>	Fuel economy conversions	Menu [Ymmv.1] gF1	Convert litre per 100 kilometre to mile per gallon UK (TI : mpg _{uk}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Ymmv_page_1.pdf
ℓ/ℓ _u km→mpg _{us}	--	ℓ/ℓ _u km to mpg _{us}	Function (monadic, linked)		<no annunciator>	Fuel economy conversions	Menu [Ymmv.1] fF1	Convert litre per 100 kilometre to mile per gallon US (TI : mpg _{us}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Ymmv_page_1.pdf
ℓ→ft ³	--	ℓ to ft ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] F6	Convert litre to cubic foot (TI : ft ³) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Volume_page_1.pdf
ℓ→ft ³	--	ℓ to ft ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] F6	Convert litre to cubic foot (TI : ft ³) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Volume_page_2.pdf
ℓ→gal _{uk}	--	ℓ to gal _{uk}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] F8	Convert litre to UK gallon (TI : gal _{uk}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Volume_page_1.pdf
ℓ→gal _{us}	--	ℓ to gal _{us}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] F8	Convert litre to US gallon (TI : gal _{us}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Volume_page_2.pdf
ℓ→qt _{uk}	--	ℓ to qt _{uk}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] gF6	Convert litre to UK quart (TI : qt _{uk}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Volume_page_1.pdf
ℓ→qt _{us}	--	ℓ to qt _{us}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] gF6	Convert litre to US quart (TI : qt _{us}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Volume_page_2.pdf
LAP→R	--	Store lap time in register	Command	0		Stopwatch	Menu [STOPW.1] F4	Store lap time in register, increment CRA (Current Register Address) and reset lap timer ; subscript shows CRA (Shortcut : [,] (STOPW active)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_STOPW_page_1.pdf
LAP→Σ	--	Add lap time to STATS	Command	0		Stopwatch	Menu [STOPW.1] F2	Add lap time to STATS (statistics matrix) and reset lap timer ; subscript shows number of data points (Shortcut : [+] (STOPW active)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_STOPW_page_1.pdf
LASTT	LASTT	Last Ticks	Command			System	Menu [INF0.1] F3	Get number of ticks for the previous operation (command, function, program) (Info : One tick is 100 ms) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_INF0_page_1.pdf
LASTx	LASTx	Last X	Command			Stack	Menu [STK.1] F4	Recall last X (Register L) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_STK_page_1.pdf
LASTx	LASTx	Last X	Command			Stack	Keyboard f [x2y]	Recall last X (Register L) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
LASTx	LASTx	Last X	Command			Stack	Keyboard longpress [x2y]	Recall last X (Register L) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
LB	LB	Binary logarithm	Function (monadic)			Mathematics	Menu [EXP.1] F4	Binary logarithm (base 2) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EXP_page_1.pdf
LB	LB	Binary logarithm	Function (monadic)			Mathematics	Menu [FCNS.2] fF3	Binary logarithm (base 2) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_2.pdf
lbf·s ² /ft→kg	--	lbf·s ² /ft to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2] gF1	Convert lbf·s ² /ft (slug) to kilogram ; this is the same conversion as slug→kg on [Mass.1] gF1 (TI : kg) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Mass_page_2.pdf
lbf·s ² /in→kg	--	lbf·s ² /in to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2] gF3	Convert lbf·s ² /in (slinch or blob) to kilogram ; this is the same conversion as slinch→kg on [Mass.1] gF3 (TI : kg) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Mass_page_2.pdf
lbf·s ² /in→kg	--	lbf·s ² /in to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2] gF5	Convert lbf·s ² /in (slinch or blob) to kilogram ; this is the same conversion as slinch→kg on [Mass.1] gF3 (TI : kg) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Mass_page_2.pdf
lbf/ft→N/m	--	lbf/ft to N/m	Function (monadic, linked)		<no annunciator>	Linear Force Density conversions	Menu [Loads.1] F1	Convert pound force per foot to Newton per metre (TI : N/m) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Loads_page_1.pdf
lbf/ft ² →Pa	--	lbf/ft ² to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [Loads.1] F1	Convert pound force per square foot to Pascal (TI : Pa) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Loads_page_1.pdf
lbf→kgf	--	lbf to kgf	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [Loads.1] fF3	Convert pound force to kilogram force (TI : kgf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Loads_page_1.pdf
lbf→N	--	lbf to N	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [F&p.1] F5	Convert pound force to Newton (TI : N) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_F-and-p_page_1.pdf
lbf→N	--	lbf to N	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [Loads.1] F3	Convert pound force to Newton (TI : N) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Loads_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
LBL	LBL	Label	Command (PEM)			Programming	Menu [P.FN.1] F1	Create global or local label ; create global label by pressing key α (f[XEQ]) and entering the name, which will be displayed as '<label>' ; local labels only exist within the scope of the program ; they are numeric : 01-99, single letter : a-l or {A}-[E], {F}, {G}-[L] ; or created as local named labels, by pressing button : ([TamLabel.1]F3), then button α ([TamLocalLabel.1]F3) or key α (f[XEQ]) and entering the name, which will be displayed as '<label>' ; maximum label length is : 7 characters (TAM : LBL ..., TamLabel menu ; Info : LBL + TAM [XEQ] to enter global LBL ' : TamAlpha menu ; LBL + button : on [TamLabel.1]F3 to enter LBL : ..., TamLocalLabel menu to create local labels a-l, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1]F3 or TAM [XEQ] to enter LBL :. TamAlpha menu) ; note that a label may be used multiple times in a program ; local labels are searched forwards from the GT0 or XEQ command, before global labels, which are searched from the start of program memory) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_P-FN_page_1.pdf
LBL	LBL	Label	Command (PEM)			Programming	Menu [BLUE7.1] gF5	Create global or local label ; create global label by pressing key α (f[XEQ]) and entering the name, which will be displayed as '<label>' ; local labels only exist within the scope of the program ; they are numeric : 01-99, single letter : a-l or {A}-[E], {F}, {G}-[L] ; or created as local named labels, by pressing button : ([TamLabel.1]F3), then button α ([TamLocalLabel.1]F3) or key α (f[XEQ]) and entering the name, which will be displayed as '<label>' ; maximum label length is : 7 characters (TAM : LBL ..., TamLabel menu ; Info : LBL + TAM [XEQ] to enter global LBL ' : TamAlpha menu ; LBL + button : on [TamLabel.1]F3 to enter LBL : ..., TamLocalLabel menu to create local labels a-l, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1]F3 or TAM [XEQ] to enter LBL :. TamAlpha menu) ; note that a label may be used multiple times in a program ; local labels are searched forwards from the GT0 or XEQ command, before global labels, which are searched from the start of program memory) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_1.pdf
LBL	LBL	Label	Command (PEM)			Programming	Menu [P.FN3.1] F1	Create global or local label ; create global label by pressing key α (f[XEQ]) and entering the name, which will be displayed as '<label>' ; local labels only exist within the scope of the program ; they are numeric : 01-99, single letter : a-l or {A}-[E], {F}, {G}-[L] ; or created as local named labels, by pressing button : ([TamLabel.1]F3), then button α ([TamLocalLabel.1]F3) or key α (f[XEQ]) and entering the name, which will be displayed as '<label>' ; maximum label length is : 7 characters (TAM : LBL ..., TamLabel menu ; Info : LBL + TAM [XEQ] to enter global LBL ' : TamAlpha menu ; LBL + button : on [TamLabel.1]F3 to enter LBL : ..., TamLocalLabel menu to create local labels a-l, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1]F3 or TAM [XEQ] to enter LBL :. TamAlpha menu) ; note that a label may be used multiple times in a program ; local labels are searched forwards from the GT0 or XEQ command, before global labels, which are searched from the start of program memory) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_P-FN3_page_1.pdf
LBL?	LBL?	Label exists?	Command (logical)			Programming	Menu [TEST.1] gF3	Test label exists (TAM : LBL? ... TamLabel menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
lbs/ft→kg/m	--	lbs/ft to kg/m	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [SecPrp.1] F1	Convert pound per foot to kilogram per metre (TI : kg/m) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
lbs/in³→blob/in³	--	lbs/in³ to blob/in³	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] gF3	Convert pound per cubic inch to blob per cubic inch (TI : blob/in³ ; Info : single = lob/in³e) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
lbs/in³→kg/m³	--	lbs/in³ to kg/m³	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] F3	Convert pound per cubic inch to kilogram per cubic metre (TI : kg/m³) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
lbs/in³→t/mm³	--	lbs/in³ to t/mm³	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] fF3	Convert pound per cubic inch to metric tonne per cubic millimetre (TI : t/mm³) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
lbs→fir	--	lbs to fir	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [FFF+.1] gF4	Convert pound to firkin (TI : fir) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
lbs→kg	--	lbs to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] F1	Convert pound to kilogram (TI : kg) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
LCM	LCM	Least common multiple	Function (dyadic)			Integers	Menu [INTS.1] fF6	Least common multiple of X and Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
LEAD.0	LEAD.0 □	Leading zeros	Setting	OFF	<no annunciator>	Display	Menu [BASE2.2] fF1	Switch on leading zeros (shortint bases 2, 4, 8, 16) ; not programmable - in PEM, use flag LEAD.8 Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
LEAD.0	--	Leading zeros	Flag	CLEAR	<no annunciator>	Display	Menu [SYS.FL.3] fF1 (Also) reached from MENU (item, nonpgm) CFL6	SET for leading zeros (shortint bases 2, 4, 8, 16) ; CLEAR for no leading zeros (shortint bases 2, 4, 8, 16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
LEAD.0	--	Leading zeros	Flag	CLEAR	<no annunciator>	Display	Menu [TamFlag.1] gF3	SET for leading zeros (shortint bases 2, 4, 8, 16) ; CLEAR for no leading zeros (shortint bases 2, 4, 8, 16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
LEAD.0	--	Leading zeros	Flag	CLEAR	<no annunciator>	Display	Menu [CFL6 (SYS.FL.3)] fF1	SET for leading zeros (shortint bases 2, 4, 8, 16) ; CLEAR for no leading zeros (shortint bases 2, 4, 8, 16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_3.pdf
LEAP?	LEAP?	Leap year?	Command (logical)			Programming	Menu [CLK.1] fF6 (Also) reached from MENU (item) DTSET	Test X is a date in a leap year (test function D? must be true) (Ref : https://N7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf
LEAP?	LEAP?	Leap year?	Command (logical)			Programming	Menu [TEST.1] gF5	Test X is a date in a leap year (test function D? must be true) (Ref : https://N7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
Len2	--	Len2	User Program			Test programs	Menu [PROGS.1] fF4 (Also) reached from MENU (TAM, ASM) PROG	Len2 test program, available to load from PROGRAMS/ALLPGMS/Len2.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
Len2	--	Len2	User Program			Test programs	Menu [PROG (PROGS).1] fF4	Len2 test program, available to load from PROGRAMS/ALLPGMS/Len2.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Len3	--	Len3	User Program			Test programs	Menu [PROGS.1] fF5 (Also) reached from MENU (TAM, ASM) PROG	Len3 test program, available to load from PROGRAMS/ALLPGMS/Len3.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
Len3	--	Len3	User Program			Test programs	Menu [PROG (PROGS).1] fF5	Len3 test program, available to load from PROGRAMS/ALLPGMS/Len3.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
Len4	--	Len4	User Program			Test programs	Menu [PROGS.1] fF6 (Also) reached from MENU (TAM, ASM) PROG	Len4 test program, available to load from PROGRAMS/ALLPGMS/Len4.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
Len4	--	Len4	User Program			Test programs	Menu [PROG (PROGS).1] fF6	Len4 test program, available to load from PROGRAMS/ALLPGMS/Len4.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
Len5	--	Len5	User Program			Test programs	Menu [PROGS.1] gF1 (Also) reached from MENU (TAM, ASM) PROG	Len5 test program, available to load from PROGRAMS/ALLPGMS/Len5.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
Len5	--	Len5	User Program			Test programs	Menu [PROG (PROGS).1] gF1	Len5 test program, available to load from PROGRAMS/ALLPGMS/Len5.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
Len6	--	Len6	User Program			Test programs	Menu [PROGS.1] gF2 (Also) reached from MENU (TAM, ASM) PROG	Len6 test program, available to load from PROGRAMS/ALLPGMS/Len6.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
Len6	--	Len6	User Program			Test programs	Menu [PROG (PROGS).1] gF2	Len6 test program, available to load from PROGRAMS/ALLPGMS/Len6.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
Len7	--	Len7	User Program			Test programs	Menu [PROGS.1] gF3 (Also) reached from MENU (TAM, ASM) PROG	Len7 test program, available to load from PROGRAMS/ALLPGMS/Len7.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
Len7	--	Len7	User Program			Test programs	Menu [PROG (PROGS).1] gF3	Len7 test program, available to load from PROGRAMS/ALLPGMS/Len7.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
Len8	--	Len8	User Program			Test programs	Menu [PROGS.1] gF4 (Also) reached from MENU (TAM, ASM) PROG	Len8 test program, available to load from PROGRAMS/ALLPGMS/Len8.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
Len8	--	Len8	User Program			Test programs	Menu [PROG (PROGS).1] gF4	Len8 test program, available to load from PROGRAMS/ALLPGMS/Len8.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
[Length:]	Length:	Length conversions	MENU		<no annunciator>	Distance conversions	Menu [CONV.1] F4	Convert between units of length (Info : Flag CONV _u may be SET for <to> <f> <to> unit conversion buttons; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Length:]	Length:	Length conversions	MENU		<no annunciator>	Distance conversions	Catalog CAT.MENU Length:	Convert between units of length (Info : Flag CONV _u may be SET for <to> <f> <to> unit conversion buttons; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
LgNrm _p	LgNrm _p	Log normal pdf	Function (monadic)			Probability (real)	Menu [Norml.1] fF1	Log normal probability density function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
LgNrm _Δ	LgNrm _Δ	Log normal cdf (lower)	Function (monadic)			Probability (real)	Menu [Norml.1] fF3	Log normal cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
LgNrm _Δ	LgNrm _Δ	Log normal cdf (upper)	Function (monadic)			Probability (real)	Menu [Norml.1] fF4	Log normal cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
LgNrm ⁻¹	LgNrm ⁻¹	Log normal qf (inverse)	Function (monadic)			Probability (real)	Menu [Norml.1] fF6	Log normal inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
lī→m	--	lī to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.2] F1	Convert lī to metre (TI : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
liāng→kg	--	liāng to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2] fF5	Convert liāng to kilogram (TI : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_2.pdf
LINE	--	Draw line	Setting	ON	<no annunciator>	Plotting	Menu [Draw _u (PLFUNC).3] fF1	Switch on connecting graph points using line segments ; not programmable - in PEM, use flag PLLINE (Info : if LINE is switched OFF, BOX may be switched ON if necessary (when no curve markers are selected)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_3.pdf
LINE	--	Draw line	Setting	ON	<no annunciator>	Plotting	Menu [Draw (PLFUNC).3] fF1	Switch on connecting graph points using line segments ; not programmable - in PEM, use flag PLLINE (Info : if LINE is switched OFF, BOX may be switched ON if necessary (when no curve markers are selected)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_3.pdf
LINE	--	Draw line	Setting	ON	<no annunciator>	Plotting	Menu [PLSTAT.2] fF1	Switch on connecting graph points using line segments ; not programmable - in PEM, use flag PLLINE (Info : if LINE is switched OFF, BOX may be switched ON if necessary (when no curve markers are selected)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_2.pdf
LINE	--	Draw line	Setting	ON	<no annunciator>	Plotting	Menu [PLTFCONS (PLFUNC).3] fF1	Switch on connecting graph points using line segments ; not programmable - in PEM, use flag PLLINE (Info : if LINE is switched OFF, BOX may be switched ON if necessary (when no curve markers are selected)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCONS_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
LinF	LinF ▢	Linear fit	Setting	ON	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] F1	Set <BestF> to include Linear curve fitting : $y = a_0 + a_1x$; deselects OrthoF (Info : Adds 1 to <BestF> ; TI : L.R. selected to <BestF>.) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODEL_page_1.pdf
LINPOL	LINPOL	Linear interpolation	Function (triadic)			Mathematics	Menu [X.FN.1] F6	Linear interpolation ; also works for Complex numbers and Dates (Info : <from> ENTER <towards> ENTER <at> (fraction) LINPOL) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_X-FN_page_1.pdf
LINPOL	LINPOL	Linear interpolation	Function (triadic)			Mathematics	Menu [HOME.1] FF5	Linear interpolation ; also works for Complex numbers and Dates (Info : <from> ENTER <towards> ENTER <at> (fraction) LINPOL) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_HOME_page_1.pdf
LINT	LINT	Long integer	Function (monadic)			Integers	Menu [BASE.1] F6	Convert to Long integer (8) (Info : Max 1000 digits) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BASE_page_1.pdf
LINT	LINT	Long integer	Function (monadic)			Integers	Menu [INTS.1] FF5	Convert to Long integer (8) (Info : Max 1000 digits) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_INTS_page_1.pdf
LINT?	LINT?	Long integer?	Command (logical)			Programming	Menu [TEST.2] F2	Test type of X is Long integer (8) (Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Datatypes.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_2.pdf
LISSAJ	--	LISSAJ	User Program			Test programs	Menu [PROGS.1] gF5 (Also) reached from MENU (TAM, ASM) PROG	LISSAJ test program, available to load from PROGRAMS/ALLPGMS/LISSAJ.pn7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PROGS_page_1.pdf
LISSAJ	--	LISSAJ	User Program			Test programs	Menu [PROG (PROGS).1] gF5	LISSAJ test program, available to load from PROGRAMS/ALLPGMS/LISSAJ.pn7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PROG_page_1.pdf
LISTXY	--	List graph coordinates	Command			Plotting	Menu [Draw* (PLFUNC).3] gF2	List the actual STATS graph coordinates (7 digit floating point) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_DrawX_page_3.pdf
LISTXY	--	List graph coordinates	Command			Plotting	Menu [Draw (PLFUNC).3] gF2	List the actual STATS graph coordinates (7 digit floating point) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Draw_page_3.pdf
LISTXY	--	List graph coordinates	Command			Plotting	Menu [PLTFCONS (PLFUNC).3] gF2	List the actual STATS graph coordinates (7 digit floating point) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLTFCONS_page_3.pdf
LJ	LJ	Left justify	Function (monadic)			Bits and bytes	Menu [BITS.2] gF3 (Also) reached from MENU (item) BITSHFT	Left justify (within word size) ; returns shift in X and result in Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_2.pdf
LJ	LJ	Left justify	Function (monadic)			Bits and bytes	Menu [BITSHFT (BITS).1] gF3	Left justify (within word size) ; returns shift in X and result in Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSHFT_page_1.pdf
LN	LN	Natural logarithm	Function (monadic)			Mathematics	Keyboard [LN]	Natural logarithm (base e) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
LN	LN	Natural logarithm	Function (monadic)			Mathematics	Keyboard normalSIM [I]	Natural logarithm (base e) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_2.pdf
LN	LN	Natural logarithm	Function (monadic)			Mathematics	Menu [FCNS.2] FF6	Natural logarithm (base e) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_2.pdf
LN	--	Natural logarithm	Symbol			Mathematics and characters	See description	Natural logarithm (base e) (Shortcut : <none>)
LN(1+x)	LN(1+x)	LN(1+x)	Function (monadic)			Mathematics	Menu [EXP.1] F5	More accurate calculation of LN(1+x) for $x \approx 0$ Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EXP_page_1.pdf
LNβ	LNβ	Natural logarithm of Euler's Beta function	Function (dyadic)			Mathematics	Menu [X.FN.2] FF6	Natural logarithm of Euler's Beta function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_X-FN_page_2.pdf
LNΓ	LNΓ	Natural logarithm of Gamma function	Function (monadic)			Mathematics	Menu [X.FN.2] F6	Natural logarithm of Gamma function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_X-FN_page_2.pdf
LNΓ	LNΓ	Natural logarithm of Gamma function	Function (monadic)			Mathematics	Menu [FCNS.2] gF1	Natural logarithm of Gamma function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_2.pdf
LOAD	LOAD	Load full backup	Command (nonpgm)			Input-Output	Menu [I/O.1] FF3	Load full backup from SAVE file SAVFILES/RN7.sav in FAT and auto-clear USER mode ; key assignments will be ignored when loading from a backup file created on a different model (Cn7 versus Rn7 and vice versa) (TI : Backup restored + <version info> ; Directory : SAVFILES/) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_I-O_page_1.pdf
LOAD	LOAD	Load full backup	Command (nonpgm)			Input-Output	Menu [MyMn4] F4	Load full backup from SAVE file SAVFILES/RN7.sav in FAT and auto-clear USER mode ; key assignments will be ignored when loading from a backup file created on a different model (Cn7 versus Rn7 and vice versa) (TI : Backup restored + <version info> ; Directory : SAVFILES/) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_1.pdf
LOADP	LOADP	Load programs	Command (nonpgm)			Input-Output	Menu [I/O.1] F4	Load programs from SAVE file SAVFILES/RN7.sav in FAT (TI : Programs and equations loaded ; appended ; Directory : SAVFILES/) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_I-O_page_1.pdf
LOADR	LOADR	Load registers	Command (nonpgm)			Input-Output	Menu [I/O.1] F5	Load registers from SAVE file SAVFILES/RN7.sav in FAT (TI : Global and local registers loaded ; w/ local flags ; Directory : SAVFILES/) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_I-O_page_1.pdf
LOADSS	LOADSS	Load system state	Command (nonpgm)			Input-Output	Menu [I/O.1] FF5	Load system state from SAVE file SAVFILES/RN7.sav in FAT (TI : System settings loaded ; Directory : SAVFILES/) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_I-O_page_1.pdf
LOADST	LOADST	Load state	Command (nonpgm)			Input-Output	Menu [I/O.1] FF2	Load state from SAVEST backup file (.s47) in FAT and clear USER mode ; if full state, presenting "WARNING: Current calculator state will be lost. Press [ENTER] to confirm." ; key assignments will be ignored when loading from a state file created on a different model (Cn7 versus Rn7 and vice versa) (TI : Loading state file ... ; State file loaded ; DMCP File open dialog ("Load Calculator State" --- STATE/)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_I-O_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
LOADST	LOADST	Load state	Command (nonpgm)			Input-Output	Menu [MyM.4] F6	Load state from SAVEST backup file (.sav) in FAT and clear USER mode ; if full state, presenting "WARNING: Current calculator state will be lost. Press [ENTER] to confirm." ; key assignments will be ignored when loading from a state file created on a different model (CN7 versus R47 and vice versa) (TI : Loading state file ... ; State file loaded ; DMCP File open dialog ("Load Calculator State" -- STATE//) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MyMenu_page_4.pdf
LOADST	LOADST	Load state	Command (nonpgm)			Input-Output	Menu [MyM.8] F6	Load state from SAVEST backup file (.sav) in FAT and clear USER mode ; if full state, presenting "WARNING: Current calculator state will be lost. Press [ENTER] to confirm." ; key assignments will be ignored when loading from a state file created on a different model (CN7 versus R47 and vice versa) (TI : Loading state file ... ; State file loaded ; DMCP File open dialog ("Load Calculator State" -- STATE//) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MyMenu_page_8.pdf
LOADV	LOADV	Load variables	Command (nonpgm)			Input-Output	Menu [I/O.1] F6	Load variables from SAVE file SAVFILES/R47.sav in FAT (TI : User variables loaded ; Directory : SAVFILES//) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_I-O_page_1.pdf
LOADΣ	LOADΣ	Load Sigma registers	Command (nonpgm)			Input-Output	Menu [I/O.1] fF4	Load Sigma registers from SAVE file SAVFILES/R47.sav in FAT (TI : Loading stats ... ; Statistical data loaded ; Directory : SAVFILES//) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_I-O_page_1.pdf
LocR	LocR	Allocate local registers	Command (PEM)			Programming	Menu [P.FN2.1] fF1	Allocate nn (0-99) local registers and 32 local flags (0-31) ; available in the current routine (TAM : LocR ... TamNonReg menu ; Info : LocR nn (nn > 0) allocates local registers 00..nn-1 and local flags 00..31, LocR 00 allocates only the local flags) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_P-FN2_page_1.pdf
LocR#	LocR#	Get number of local registers	Command			Registers	Menu [INFO.1] F5	Get number of local registers (current routine) (Info : Set by LocR) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_INFO_page_1.pdf
LOG	--	Common logarithm	Symbol			Mathematics and characters	See description	Common logarithm (base 10) (Shortcut : <none>)
LOG	LOG	Common logarithm	Function (monadic)			Mathematics	Keyboard [LOG]	Common logarithm (base 10) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
LOG	LOG	Common logarithm	Function (monadic)			Mathematics	Keyboard normalSIM [o]	Common logarithm (base 10) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
LOG	LOG	Common logarithm	Function (monadic)			Mathematics	Menu [FCNS.2] gF2	Common logarithm (base 10) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_2.pdf
LOG _x y	LOG _x y	LOG _x y	Function (dyadic)			Mathematics	Menu [EXP.1] F6	Logarithm of Y for base X Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EXP_page_1.pdf
LOG _x y	LOG _x y	LOG _x y	Function (dyadic)			Mathematics	Menu [FCNS.2] gF3	Logarithm of Y for base X Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_2.pdf
LogF	LogF □	Logarithmic fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] F3	Set <BestF> to include Logarithmic curve fitting : y = a ₀ + a ₁ ln(x) ; deselects OrthoF (Info : Adds 4 to <BestF> ; TI : L.R. selected to <BestF>.) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MODEL_page_1.pdf
[Logis:]	Logis:	Logistic distribution	MENU			Probability (real)	Menu [DISTR.1] fF5	Logistic probability distribution (continuous) (TI : RegM = μ = ; RegS = σ =) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_DISTR_page_1.pdf
[Logis:]	Logis:	Logistic distribution	MENU			Probability (real)	Catalog CAT.MENUS Logis:	Logistic probability distribution (continuous) (TI : RegM = μ = ; RegS = σ =) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Logis_page_1.pdf
Logis _p	Logis _p	Logistic pdf	Function (monadic)			Probability (real)	Menu [Logis.1] F1	Logistic probability density function Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Logis_page_1.pdf
Logis _Δ	Logis _Δ	Logistic cdf (lower)	Function (monadic)			Probability (real)	Menu [Logis.1] F3	Logistic cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Logis_page_1.pdf
Logis _Δ	Logis _Δ	Logistic cdf (upper)	Function (monadic)			Probability (real)	Menu [Logis.1] F4	Logistic cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Logis_page_1.pdf
Logis ⁻¹	Logis ⁻¹	Logistic qf (inverse)	Function (monadic)			Probability (real)	Menu [Logis.1] F6	Logistic inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Logis_page_1.pdf
long ton→kg	--	long ton to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2] F1	Convert long ton to kilogram (TI : kg) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Mass_page_2.pdf
[LOOP]	LOOP	Looping	MENU			Programming	Menu [P.FN.1] fF5	Looping (programming) functions Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_P-FN_page_1.pdf
[LOOP]	LOOP	Looping	MENU			Programming	Menu [BLUE7.3] F4	Looping (programming) functions Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_BLUE7_page_3.pdf
[LOOP]	LOOP	Looping	MENU			Programming	Menu [MyM.10] F5	Looping (programming) functions Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MyMenu_page_1.pdf
[LOOP]	LOOP	Looping	MENU			Programming	Catalog CAT.MENUS LOOP	Looping (programming) functions Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_LOOP_page_1.pdf
[LOOP]	LOOP	Looping	MENU			Programming	Menu [P.FN3.1] fF5	Looping (programming) functions Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_P-FN3_page_1.pdf
LOWBAT	--	Low Battery	Flag (system)	CLEAR	□	System	Menu [SYS.FL.3] fF2 (Also) reached from MENU (item, nonpgm) CFLG	SET for low battery voltage ; CLEAR for no low battery voltage (Info : SBI □ is shown if flag S8batV is SET) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_3.pdf
LOWBAT	--	Low Battery	Flag (system)	CLEAR	□	System	Menu [CFLG (SYS.FL).3] fF2	SET for low battery voltage ; CLEAR for no low battery voltage (Info : SBI □ is shown if flag S8batV is SET) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CFLG_page_3.pdf
l _P	--	Planck length	Constant			Constants	Menu [CNST.2] F5	Constant # 23 l _P len.planck = 4.1616255 × 10 ⁻³⁵ (Unit : m) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CNST_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
LR:a0	LRa0	Retrieve LR-param a ₀	Command			Plotting and curve fitting	Menu [REGR.1] gF1	Retrieve linear regression parameter a ₀ and show formula and parameter name (TI : y = <formula> : a ₀ =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REGR_page_1.pdf
LR:a1	LRa1	Retrieve LR-param a ₁	Command			Plotting and curve fitting	Menu [REGR.1] gF2	Retrieve linear regression parameter a ₁ and show formula and parameter name (TI : y = <formula> : a ₁ =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REGR_page_1.pdf
LR:a2	LRa2	Retrieve LR-param a ₂	Command			Plotting and curve fitting	Menu [REGR.1] gF3	Retrieve linear regression parameter a ₂ and show formula and parameter name (TI : y = <formula> : a ₂ =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REGR_page_1.pdf
LSERR	LSERR	Last error	Command			Information	Menu [INFO.1] F2	Retain error code of last function or command executed ; returns 0 for no error (Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Errors_and_messages.pdf ; Info : returns error code even when IGNORE (Ignore one error) is SET) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_INFO_page_1.pdf
ly→m	--	ly to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.1] FF5	Convert light year to metre (TI : m) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Length_page_1.pdf
$L_m^{(a)}$	$L_m^{(a)}$	Laguerre generalised polynomials	Function (triadic)			Mathematics	Menu [Orthog.1] F3	Laguerre generalised polynomials (Parameter : x = X ; m = Y ; a = Z) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Orthog_page_1.pdf
$L_m^{(a)}$	$L_m^{(a)}$	Laguerre generalised polynomials	Function (triadic)			Mathematics	Menu [FCNS.2] FF5	Laguerre generalised polynomials (Parameter : x = X ; m = Y ; a = Z) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_2.pdf
M	--	M	Character			Characters	Keyboard alphaSIM [m]	Character M (Fontcode : 0B04 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
M	--	M	Character			Characters	Keyboard alpha [EEX]	Character M (Fontcode : 0B04 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
m	--	m	Character			Characters	Keyboard alpha f [EEF]	Character m (Fontcode : 0B04 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
M	--	Register M	EasyAccess (TAM)			Trailing input	Menu [REG.1] F1	Easy access to Register M (211) : General purpose register M ; also used to store distribution parameter : mean, median, location, degree of freedom 1, centre, lower limit (Shortcut : STO/RCL [M] ; TI : M) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_1.pdf
{M}	--	Register M	EasyAccess (TAM)			Trailing input	Keyboard TAM [EEX]	Easy access to Register M (211) : General purpose register M ; also used to store distribution parameter : mean, median, location, degree of freedom 1, centre, lower limit (Shortcut : STO/RCL [M] ; TI : M) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_4.pdf
M	--	Register M	Register (lettered)			Lettered registers	See description	Register M (211) : General purpose register M ; also used to store distribution parameter : mean, median, location, degree of freedom 1, centre, lower limit (Info : Reached from STO/RCL [REG.1] F1 or STO/RCL [M])
M	--	Flag M	EasyAccess (TAM)			Trailing input	Menu [FLG.1] F1	Easy access to Flag M (211) (Shortcut : FF [M]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_1.pdf
M	--	Flag M	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag M (211) (Info : Reached from FF [FLG.1] F1 or FF [M])
m	--	Subscript M	Character			Characters	See description	Character m (Fontcode : 2B0C ₁₆)
M	--	Superscript M	Character			Characters	See description	Character M (Fontcode : 2B0C ₁₆)
[M_EDIT]	M_EDIT	Matrix editor	MENU			Matrix operations	Catalog CAT.MENU M_EDIT	Matrix editor (Info : MM = Matrix Input Mode ; [↑] or [↓] to move up or down one position ; Ref : 1/x, which is a shortcut for [M] ⁻¹ , use -1 y ⁿ instead ; and √x, which is a shortcut for MSQRT, use 0.5 y ⁿ instead) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_M_EDIT_page_1.pdf
[M_SIMQ]	M_SIMQ	Matrix simultaneous equations	MENU			Matrix operations	Catalog CAT.MENU M_SIMQ	Matrix simultaneous equations : Mat A · Mat X = Mat B, where Mat A is the equation coefficient matrix and Mat B is the equation result vector ; Mat X is the equation solution vector Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_M_SIMQ_page_1.pdf
M.1234	--	Math keys do full cycle	Setting (pgm)	ON	<no annunciator>	User interface	Menu [MODE.3] FF3	Longpress control : Math keys do full cycle (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 3. longpress : g-shift ; 4. longestpress : NOP ; Math keys are keys in row 2-4 except [←>], [←g>], [EEX] and [←]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_3.pdf
M.1234	--	Math keys do full cycle	Setting (pgm)	ON	<no annunciator>	User interface	Menu [PREF.3] FF3	Longpress control : Math keys do full cycle (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 3. longpress : g-shift ; 4. longestpress : NOP ; Math keys are keys in row 2-4 except [←>], [←g>], [EEX] and [←]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_3.pdf
M.124	--	Math keys skip g-shift	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [MODE.3] FF2	Longpress control : Math keys skip g-shift (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 4. longestpress : NOP ; Math keys are keys in row 2-4 except [←>], [←g>], [EEX] and [←]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_3.pdf
M.124	--	Math keys skip g-shift	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [PREF.3] FF2	Longpress control : Math keys skip g-shift (Info : 1. primaryNM : unshifted ; 2. longpress : f-shift ; 4. longestpress : NOP ; Math keys are keys in row 2-4 except [←>], [←g>], [EEX] and [←]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_3.pdf
M.14	--	Math keys skip f- and g-shift	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [MODE.3] FF1	Longpress control : Math keys skip f- and g-shift (Info : 1. primaryNM : unshifted ; 4. longestpress : NOP ; Math keys are keys in row 2-4 except [←>], [←g>], [EEX] and [←]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_3.pdf
M.14	--	Math keys skip f- and g-shift	Setting (pgm)	OFF	<no annunciator>	User interface	Menu [PREF.3] FF1	Longpress control : Math keys skip f- and g-shift (Info : 1. primaryNM : unshifted ; 4. longestpress : NOP ; Math keys are keys in row 2-4 except [←>], [←g>], [EEX] and [←]) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
M.C47	M.C47	MyMenu C47	Command			Customisation	Menu [RIBBONS.1] F5	MyMenu primary F-key C47 ribbon ; leaves shifted rows intact ; documented as MyMenu p5 (TI : MyMenu primary F-key C47 ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.C47+	M.C47+	MyMenu C47 Plus	Command			Customisation	Menu [RIBBONS.1] fF5	MyMenu primary F-key C47 Plus ribbon ; leaves shifted rows intact ; documented as MyMenu p8 (TI : MyMenu primary F-key C47 Plus ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.CPX	M.CPX	MyMenu Complex	Command			Customisation	Menu [RIBBONS.1] F1	MyMenu primary F-key Complex ribbon ; leaves shifted rows intact ; documented as MyMenu p1 (TI : MyMenu primary F-key Complex ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.ENG	M.ENG	MyMenu Engineering	Command			Customisation	Menu [RIBBONS.1] F2	MyMenu primary F-key Engineering ribbon ; leaves shifted rows intact ; documented as MyMenu p2 (TI : MyMenu primary F-key Engineering ribbon ; Info : ribbon M.ENG is layout dependent) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.FACT	M.FACT	Multiply (prime) factors	Function (monadic)			Integers	Menu [X.FN.1] fF3	Multiply (prime) factors from a 2 row matrix in X (row 1 contains the factors, row 2 contains the powers) (Info : E.g. use FACTORS matrix as input in X) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_X-FN_page_1.pdf
M.FACT	M.FACT	Multiply (prime) factors	Function (monadic)			Integers	Menu [NumTh.1] fF1	Multiply (prime) factors from a 2 row matrix in X (row 1 contains the factors, row 2 contains the powers) (Info : E.g. use FACTORS matrix as input in X) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_NumTh_page_1.pdf
M.FIN	M.FIN	MyMenu Financial	Command			Customisation	Menu [RIBBONS.1] F3	MyMenu primary F-key Financial ribbon ; leaves shifted rows intact ; documented as MyMenu p3 (TI : MyMenu primary F-key Financial ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.FIN+	M.FIN+	MyMenu Financial Plus	Command			Customisation	Menu [RIBBONS.1] fF3	MyMenu primary F-key Financial Plus ribbon ; leaves shifted rows intact ; documented as MyMenu p7 (TI : MyMenu primary F-key Financial Plus ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.LU	M.LU	LU decomposition	Function (monadic)			Matrix operations	Menu [MATX.2] gF5	Decompose matrix in X into lower (L) in Y and upper (U or R) matrix in X ; pivot matrix in Z (Info : LU (LR) factorisation, underlies inversion and linear solving) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_MATX_page_2.pdf
M.QR	M.QR	QR decomposition	Function (monadic)			Matrix operations	Menu [MATX.2] gF6	Decompose matrix in X into unitary (Q) in Y and upper (R) matrix in X (Info : QR factorisation, underlies eigenvalue computation) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_MATX_page_2.pdf
M.R47	M.R47	MyMenu R47	Command			Customisation	Menu [RIBBONS.1] F6	MyMenu primary F-key R47 ribbon ; leaves shifted rows intact ; documented as MyMenu p6 (TI : MyMenu primary F-key R47 ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.R47+	M.R47+	MyMenu R47 Plus	Command			Customisation	Menu [RIBBONS.1] fF6	MyMenu primary F-key R47 Plus ribbon ; leaves shifted rows intact ; documented as MyMenu p10 (TI : MyMenu primary F-key R47 Plus ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.SAV	M.SAV	MyMenu Save/Load	Command			Customisation	Menu [RIBBONS.1] F4	MyMenu primary F-key Save/Load ribbon ; leaves shifted rows intact ; documented as MyMenu p4 (TI : MyMenu primary F-key Save/Load ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.SAV+	M.SAV+	MyMenu Save/Load Plus	Command			Customisation	Menu [RIBBONS.1] fF4	MyMenu primary F-key Save/Load Plus ribbon ; leaves shifted rows intact ; documented as MyMenu p8 (TI : MyMenu primary F-key Save/Load Plus ribbon) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_RIBBONS_page_1.pdf
M.SQR?	M.SQR?	Square matrix?	Command (logical)			Programming	Menu [TEST.3] F6	Test X is a square matrix (test function MATR? is true) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TEST_page_3.pdf
m _e	--	Electron rest mass	Constant			Constants	Menu [CNST.2] F6	Constant # 24 m _e mass.elec = +9.1093837138 × 10 ⁻³¹ (Unit : kg) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_2.pdf
m _n	--	Neutron rest mass	Constant			Constants	Menu [CNST.2] fF2	Constant # 26 m _n mass.neu = +1.67492750956 × 10 ⁻²⁷ (Unit : kg) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_2.pdf
m _n /m _p	--	Neutron / proton rest mass	Constant			Constants	Menu [CNST.2] fF3	Constant # 27 m _n /m _p r.neu.prot = +1.00137841946 Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_2.pdf
m _p	--	Proton rest mass	Constant			Constants	Menu [CNST.2] fF4	Constant # 28 m _p mass.prot = +1.67262192595 × 10 ⁻²⁷ (Unit : kg) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_2.pdf
m _p /m _e	--	Proton / electron rest mass	Constant			Constants	Menu [CNST.2] fF6	Constant # 30 m _p /m _e r.prot.elec = +1.83615267342 × 10 ³ Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_2.pdf
m _u	--	Atomic mass constant	Constant			Constants	Menu [CNST.2] gF1	Constant # 31 m _u mass.atom = +1.6605389689 × 10 ⁻²⁷ (Unit : kg) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_2.pdf
m _u c ²	--	Energy equivalent of m _u	Constant			Constants	Menu [CNST.2] gF2	Constant # 32 m _u c ² energy.atom = +1.4824180876 × 10 ⁻¹⁰ (Unit : J) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_2.pdf
m/s→ft/s	--	m/s to ft/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] fF6	Convert metre per second to foot per second (TI : ft/s) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Speed_page_1.pdf
m/s→fur/ftn	--	m/s to fur/ftn	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [FFF+.1] F6	Convert metre per second to furlong per fortnight (TI : fur/ftn ; Info : single = ur/ftne) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_FFF+_page_1.pdf
m/s→km/h	--	m/s to km/h	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] F1	Convert metre per second to kilometre per hour (TI : km/h) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Speed_page_1.pdf
m/s→knot	--	m/s to knot	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] gF6	Convert metre per second to knot (TI : knot) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Speed_page_1.pdf
m/s→mph	--	m/s to mph	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] F6	Convert metre per second to mile per hour (TI : mph) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Speed_page_1.pdf
m/s ² →ft/s ²	--	m/s² to ft/s²	Function (monadic, linked)		<no annunciator>	Acceleration conversions	Menu [FLoads.1] gF5	Convert metre per second squared to foot per second squared (TI : ft/s²) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_FLoads_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$m/s^2 \rightarrow in/s^2$	--	m/s ² to in/s ²	Function (monadic, linked)		<no annunciator>	Acceleration conversions	Menu [FLoads..1] fF5	Convert metre per second squared to inch per second squared (TI : in/s ² :) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FLoads_page_1.pdf
$m \rightarrow au$	--	m to au	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..1] gF8	Convert metre to astronomical unit (TI : au) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
$m \rightarrow brds$	--	m to brds	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.2] F2	Convert metre to beardsecond (TI : brds) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_2.pdf
$m \rightarrow chi$	--	m to chi	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..2] gF4	Convert metre to chi (TI : chi) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
$m \rightarrow cùn$	--	m to cùn	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..2] fF8	Convert metre to cùn (TI : cùn) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
$m \rightarrow fathom$	--	m to fathom	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..3] fF4	Convert metre to fathom (TI : fathom) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
$m \rightarrow fēn$	--	m to fēn	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..2] gF8	Convert metre to fēn (TI : fēn) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
$m \rightarrow ft$	--	m to ft	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..1] fF4	Convert metre to foot (TI : ft) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
$m \rightarrow fur$	--	m to fur	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.1] F2	Convert metre to furlong (TI : fur :) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
$m \rightarrow k$	$m \rightarrow k$	Modulus to eccentricity	Function (monadic)			Mathematics	Menu [Ellipt..1] fF2	Ellipse modulus to eccentricity : $k = \sqrt{e}$ (TI : eccentricity $e=k^2$:) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ellipt_page_1.pdf
$m \rightarrow l\ddot{i}$	--	m to l $\ddot{i}$	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..2] F2	Convert metre to l $\ddot{i}$ (TI : l $\ddot{i}$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
$m \rightarrow ly$	--	m to ly	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..1] fF8	Convert metre to light year (TI : ly) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
$m \rightarrow mi$	--	m to mi	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..3] F2	Convert metre to mile (TI : mi) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
$m \rightarrow nmi$	--	m to nmi	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..3] fF2	Convert metre to nautical mile (TI : nmi) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
$m \rightarrow pc$	--	m to pc	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..1] F8	Convert metre to parsec (TI : pc) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
$m \rightarrow survey\ ft_{us}$	--	m to survey ft _{us}	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..3] F4	Convert metre to US survey foot (TI : survey f _{us} ; Info : single = ey f _{us} *) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
$m \rightarrow yd$	--	m to yd	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..1] F4	Convert metre to yard (TI : yd) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
$m \rightarrow y\ddot{i}n$	--	m to y $\ddot{i}n$	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..2] F4	Convert metre to y $\ddot{i}n$ (TI : y $\ddot{i}n$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
$m \rightarrow zhāng$	--	m to zhāng	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..2] fF4	Convert metre to zhāng (TI : zhāng) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_2.pdf
$M \rightarrow zyx$	$M \rightarrow zyx$	Decompose 3x1 matrix	Function (monadic)			Electrical engineering	Menu [ELEC..1] gF4	Decompose 3x1 matrix to Z, Y, X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
$m \rightarrow \theta$	$m \rightarrow \theta$	Modulus to angle	Function (monadic)			Mathematics	Menu [Ellipt..1] gF2	Ellipse modulus to eccentricity angle : $\theta = \text{ARCSIN}(\sqrt{e})$ (TI : eccentricity angle $e :$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ellipt_page_1.pdf
$M_{\oplus}$	--	Mass of the Earth	Constant			Constants	Menu [CNST..2] gF5	Constant # 35 $M_{\oplus}$ mass.earth = $+5.9736 \times 10^{24}$ (Unit : kg) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_2.pdf
m_{μ}	--	Muon rest mass	Constant			Constants	Menu [CNST..2] gF3	Constant # 33 m_{μ} mass.muon = $+1.88351627 \times 10^{-28}$ (Unit : kg) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_2.pdf
$M_{\odot}$	--	Mass of the Sun	Constant			Constants	Menu [CNST..2] gF4	Constant # 34 $M_{\odot}$ mass.sun = $+1.8891 \times 10^{30}$ (Unit : kg) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_2.pdf
MAN	MAN @	Printer mode Manual	Setting (pgm)	ON	<no annunciator>	Printing	Menu [PRINT..1] gF3	Switch on printer mode Manual (flag MTRACE is CLEAR and flag MNORM is CLEAR) (Info : In MAN mode, the printer is idle and only prints when a print command is executed ; VIEW and AVIEW can also generate print output in this mode) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
MAN	MAN @	Printer mode Manual	Setting (pgm)	ON	<no annunciator>	Printing	Menu [PRINT..2] gF3	Switch on printer mode Manual (flag MTRACE is CLEAR and flag MNORM is CLEAR) (Info : In MAN mode, the printer is idle and only prints when a print command is executed ; VIEW and AVIEW can also generate print output in this mode) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
MANT	MANT	Mantissa	Function (monadic)			Reals	Menu [REAL..1] F3	Mantissa of real number Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
Martel	Martel O	Martel printer	Setting	OFF	<no annunciator>	Printing	Menu [M ..1] F2	Set the printer type to Martel (Info : The Martel printer supporting the HPiR interface may show some slight variations in character size or text position, in comparison to the 82240) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Printer_page_1.pdf
MASKL	MASKL	Left bit mask	Function (monadic)			Bits and bytes	Menu [BITS..1] F5 (Also) reached from MENU (item) BITSHFT	Set left n bits to use as mask (TAM : MASKL ... TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
MASKR	MASKR	Right bit mask	Function (monadic)			Bits and bytes	Menu [BITS..1] F6 (Also) reached from MENU (item) BITSHFT	Set right n bits to use as mask (TAM : MASKR ... TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
[Mass:]	Mass:	Mass conversions	MENU		<no annunciator>	Mass conversions	Menu [CONV..1] F2	Convert between units of mass (Info : Flag CONV _{HP} may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons ; CLEAR for <from> $\leftarrow$ <from> unit conversion buttons (default SET) ; Ref : https://N7calc.com/doc/Application%20Notes/AN0027_CV7_R47_DA_Structural_conversions.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[Mass:]	Mass:	Mass conversions	MENU		<no annunciator>	Mass conversions	Catalog CAT.MENU Mass:	Convert between units of mass (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\rightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://N7calc.com/doc/Application%20Notes/AN0027_CN7_RN7_DA_Structural_conversions.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Mass_page_1.pdf
[Mass:]	Mass:	Mass conversions	MENU		<no annunciator>	Mass conversions	Menu [Struct.:1] F6	Convert between units of mass (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\rightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://N7calc.com/doc/Application%20Notes/AN0027_CN7_RN7_DA_Structural_conversions.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Struct_page_1.pdf
Mat A	Mat_A	Matrix A	Variable (matrix)			Matrix operations	Menu [M_SIMQ.1] F1 (Also) reached from MENU (item) SIM EQ	Reserved Matrix variable for the Matrix A (Mat A) ; enter equation coefficient matrix using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_M_SIMQ_page_1.pdf
Mat A	Mat_A	Matrix A	Variable (matrix)			Matrix operations	Menu [SIM EQ (M_SIMQ).1] F1	Reserved Matrix variable for the Matrix A (Mat A) ; enter equation coefficient matrix using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_SIM_EQ_page_1.pdf
Mat B	Mat_B	Matrix B	Variable (matrix)			Matrix operations	Menu [M_SIMQ.1] F2 (Also) reached from MENU (item) SIM EQ	Reserved Matrix variable for the Matrix B (Mat B) ; enter equation result vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_M_SIMQ_page_1.pdf
Mat B	Mat_B	Matrix B	Variable (matrix)			Matrix operations	Menu [SIM EQ (M_SIMQ).1] F2	Reserved Matrix variable for the Matrix B (Mat B) ; enter equation result vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_SIM_EQ_page_1.pdf
Mat X	Mat_X	Matrix X	Command			Matrix operations	Menu [M_SIMQ.1] F6 (Also) reached from MENU (item) SIM EQ	Create reserved Matrix variable for the Matrix X (Mat X) ; calculate equation solution vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_M_SIMQ_page_1.pdf
Mat X	Mat_X	Matrix X	Command			Matrix operations	Menu [SIM EQ (M_SIMQ).1] F6	Create reserved Matrix variable for the Matrix X (Mat X) ; calculate equation solution vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_SIM_EQ_page_1.pdf
Mat_A	Mat_A	Matrix A	Variable (matrix)			Matrix operations	Menu [MATRS.1] F2	Reserved Matrix variable for the Matrix A (Mat A) ; enter equation coefficient matrix using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MATRS_page_1.pdf
Mat_A	Mat_A	Matrix A	Variable (matrix)			Matrix operations	Menu [ALL.1] FF1 (Also) reached from MENU (ASM) VAR	Reserved Matrix variable for the Matrix A (Mat A) ; enter equation coefficient matrix using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ALLVARS_page_1.pdf
Mat_A	Mat_A	Matrix A	Variable (matrix)			Matrix operations	Menu [VAR (ALL).1] FF1	Reserved Matrix variable for the Matrix A (Mat A) ; enter equation coefficient matrix using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VAR_page_1.pdf
Mat_B	Mat_B	Matrix B	Variable (matrix)			Matrix operations	Menu [MATRS.1] F3	Reserved Matrix variable for the Matrix B (Mat B) ; enter equation result vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MATRS_page_1.pdf
Mat_B	Mat_B	Matrix B	Variable (matrix)			Matrix operations	Menu [ALL.1] FF2 (Also) reached from MENU (ASM) VAR	Reserved Matrix variable for the Matrix B (Mat B) ; enter equation result vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ALLVARS_page_1.pdf
Mat_B	Mat_B	Matrix B	Variable (matrix)			Matrix operations	Menu [VAR (ALL).1] FF2	Reserved Matrix variable for the Matrix B (Mat B) ; enter equation result vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VAR_page_1.pdf
Mat_X	Mat_X	Matrix X	Variable (matrix)			Matrix operations	Menu [MATRS.1] F4	Reserved Matrix variable for the Matrix X (Mat X) ; calculate equation solution vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MATRS_page_1.pdf
Mat_X	Mat_X	Matrix X	Variable (matrix)			Matrix operations	Menu [ALL.1] FF3 (Also) reached from MENU (ASM) VAR	Reserved Matrix variable for the Matrix X (Mat X) ; calculate equation solution vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ALLVARS_page_1.pdf
Mat_X	Mat_X	Matrix X	Variable (matrix)			Matrix operations	Menu [VAR (ALL).1] FF3	Reserved Matrix variable for the Matrix X (Mat X) ; calculate equation solution vector using menu M_SIMQ ; created after RESET Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VAR_page_1.pdf
[MatPrp:]	MatPrp:	Material properties conversions	MENU			Miscellaneous conversions	Catalog CAT.MENU MatPrp:	Convert between units of material properties ; typical material properties given in material data sheets references (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\rightarrow$ <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf
[MatPrp:]	MatPrp:	Material properties conversions	MENU			Miscellaneous conversions	Menu [MatPrp.:1] gF2	Convert between units of material properties ; typical material properties given in material data sheets references (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\rightarrow$ <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf
[MatPrp:]	MatPrp:	Material properties conversions	MENU			Miscellaneous conversions	Menu [Struct.:1] F2	Convert between units of material properties ; typical material properties given in material data sheets references (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\rightarrow$ <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Struct_page_1.pdf
MATR?	MATR?	Real matrix or vector?	Command (logical)			Programming	Menu [TEST.3] F5	Test type of X is Real matrix or vector (6) or Complex matrix or vector (7.n) (Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_DataTypes.pdf) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[MATRS]	MATRS	Real matrix or vector variables	MENU			Catalog	Menu [VARS.1] fF2	Auto-generated catalog of variables of the specified datatype : Real matrix or vector (6) or Complex matrix or vector (7.n) (Info : Matrix variables STATS and HIST0 are also included in this menu, if created) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VARS_page_1.pdf
[MATRS]	MATRS	Real matrix or vector variables	MENU			Catalog	Catalog CAT.MENUS MATRS	Auto-generated catalog of variables of the specified datatype : Real matrix or vector (6) or Complex matrix or vector (7.n) (Info : Matrix variables STATS and HIST0 are also included in this menu, if created) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATRS_page_1.pdf
[MATX]	MATX	Matrix	MENU			Matrix operations	Keyboard f[6]	Matrix functions ; a matrix is displayed in X and shown in other stack registers as [m×n Matrix] or [m×n C Matrix] when containing complex element(s) (Ref : https://n7calc.com/doc/Application%20Notes/AN0020_C47_R47_Matrix_and_Vector.pdf ; Info : monadic functions work per matrix element (except 1/x, which is a shortcut for [M] ⁻¹ , use -1 y* instead ; and $\sqrt{x}$, which is a shortcut for MSQRT, use 0.5 y* instead) ; in edit mode, all functions work per element ; use registers to input calculation results) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
[MATX]	MATX	Matrix	MENU			Matrix operations	Menu [MyM.2] F4	Matrix functions ; a matrix is displayed in X and shown in other stack registers as [m×n Matrix] or [m×n C Matrix] when containing complex element(s) (Ref : https://n7calc.com/doc/Application%20Notes/AN0020_C47_R47_Matrix_and_Vector.pdf ; Info : monadic functions work per matrix element (except 1/x, which is a shortcut for [M] ⁻¹ , use -1 y* instead ; and $\sqrt{x}$, which is a shortcut for MSQRT, use 0.5 y* instead) ; in edit mode, all functions work per element ; use registers to input calculation results) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_2.pdf
[MATX]	MATX	Matrix	MENU			Matrix operations	Catalog CAT.MENUS MATX	Matrix functions ; a matrix is displayed in X and shown in other stack registers as [m×n Matrix] or [m×n C Matrix] when containing complex element(s) (Ref : https://n7calc.com/doc/Application%20Notes/AN0020_C47_R47_Matrix_and_Vector.pdf ; Info : monadic functions work per matrix element (except 1/x, which is a shortcut for [M] ⁻¹ , use -1 y* instead ; and $\sqrt{x}$, which is a shortcut for MSQRT, use 0.5 y* instead) ; in edit mode, all functions work per element ; use registers to input calculation results) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
MAX	MAX	Maximum	Function (dyadic)			Mathematics	Menu [X.FN.3] F2	Maximum of X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_3.pdf
MAX	MAX	Maximum	Function (dyadic)			Mathematics	Menu [FCNS.2] gF4	Maximum of X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_2.pdf
MDY	MDY O	Month/day/year	Setting (pgm)	OFF	MM/DD/YYYY	Display	Menu [CLK.2] F5 (Also) reached from MENU (item) DTSET	Switch on MM/DD/YYYY display mode (Format : MM/DD/YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
MDY	MDY O	Month/day/year	Setting (pgm)	OFF	MM/DD/YYYY	Display	Menu [DTSET (CLK).1] F5	Switch on MM/DD/YYYY display mode (Format : MM/DD/YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
MDY	--	Month/day/year	Flag (system)	CLEAR	MM/DD/YYYY	Display	Menu [SYS.FL.3] fF3 (Also) reached from MENU (item, nonpgm) CFLG	SET for MM/DD/YYYY display mode ; CLEAR for MM/DD/YYYY display mode inactive (Format : MM/DD/YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
MDY	--	Month/day/year	Flag (system)	CLEAR	MM/DD/YYYY	Display	Menu [CFLG (SYS.FL).3] fF3	SET for MM/DD/YYYY display mode ; CLEAR for MM/DD/YYYY display mode inactive (Format : MM/DD/YYYY ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_3.pdf
MEM	MEM	Memory (RAM)	Command			System	Menu [INF0.1] F6	Get amount of free RAM memory, in bytes (TI : Bytes =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_1.pdf
MENU	MENU	Display Programmable MENU	Command (PEM)			Programming	Menu [P.FN1.1] F3	Display the Programmable MENU defined with KEY6 and/or KEYX Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
[MENU]	MENU	Menu	MENU (ASM)			Trailing input	Catalog CAT.MENUS MENU	Presented in menu TamMenu for commands accessing menus (Info : Type characters 1-2 to search) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MENU_page_1.pdf
[MENU]	MENU	Menu	MENU (ASM)			Trailing input	Menu [TamMenu.1] F2	Presented in menu TamMenu for commands accessing menus (Info : Type characters 1-2 to search) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamMenu_page_1.pdf
MENU#	MENU#	Get current menu	Command			Programming	Menu [INF0.1] gF6	Get current menu name ; followed by ϵ and page number if 2 or higher Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_1.pdf
[MENUS]	MENUS	Menus	MENU (ASM)			Catalog	Menu [CAT.1] F6	Catalog of all menus (including user defined menus) (Info : Type characters 1-2 to search ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_CAT-MENUS.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_page_1.pdf
[MENUS]	MENUS	Menus	MENU (ASM)			Catalog	Catalog CAT.MENUS MENUS	Catalog of all menus (including user defined menus) (Info : Type characters 1-2 to search ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_CAT-MENUS.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MENUS_page_1.pdf
[MENUS]	MENUS	Menus	MENU (ASM)			Catalog	Menu [DELITM.1] F6	Catalog of all menus (including user defined menus) (Info : Type characters 1-2 to search ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_CAT-MENUS.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELITM_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
mi/kWh→kWh/l_{mi}	--	mi/kWh to kWh/l _{mi}	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv:1] gF6	Convert mile per kilowatt-hour to kilowatt-hour per 100 mile (TI : kWh/100mi ; Info : single = E/l _{mi} *) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Ymmv_page_1.pdf
mi→km	--	mi to km	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length:1] F1	Convert mile to kilometre (TI : km) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
mi→m	--	mi to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length:3] F1	Convert mile to metre (TI : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
mi→nmi	--	mi to nmi	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length:1] gF2	Convert mile to nautical mile (TI : nmi) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
m²→ft²	--	m ² to ft ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area:1] gF4	Convert square metre to square foot (TI : ft ²) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
m²→ha	--	m ² to ha	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area:1] F4	Convert square metre to hectare (TI : ha) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
m²→mū	--	m ² to mū	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area:1] fF4	Convert square metre to mū (TI : mū) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
mi²→km²	--	mi ² to km ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area:1] F5	Convert square mile to square kilometre (TI : km ²) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
MIN	MIN	Minimum	Function (dyadic)			Mathematics	Menu [X.FN:3] F1	Minimum of X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_3.pdf
MIN	MIN	Minimum	Function (dyadic)			Mathematics	Menu [FCNS:2] gF5	Minimum of X and Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_2.pdf
MINUTE	MINUTE	Minutes	Function (monadic)			Time functions	Menu [CLK:2] gF5 (Also) reached from MENU (item) DTSET	Minutes (of time in X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
MINUTE	MINUTE	Minutes	Function (monadic)			Time functions	Menu [DTSET (CLK).1] gF5	Minutes (of time in X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
MIRROR	MIRROR	Mirror bits	Function (monadic)			Bits and bytes	Menu [BITS:2] gF1 (Also) reached from MENU (item) BITSHIFT	Flip bits Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_2.pdf
MIRROR	MIRROR	Mirror bits	Function (monadic)			Bits and bytes	Menu [BITSHIFT (BITS).1] gF1	Flip bits Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSHIFT_page_1.pdf
[Misc:1]	Misc:	Miscellaneous conversions	MENU		<no annunciator>	Miscellaneous conversions	Menu [CONV:1] gF1	Time, torque, power and field ratio conversions (Info : Flag CONV ₀ may be SET for <to> +> <to> unit conversion buttons ; CLEAR for <from> +> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Misc:1]	Misc:	Miscellaneous conversions	MENU		<no annunciator>	Miscellaneous conversions	Catalog CAT.MENUS Misc:	Time, torque, power and field ratio conversions (Info : Flag CONV ₀ may be SET for <to> +> <to> unit conversion buttons ; CLEAR for <from> +> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Misc_page_1.pdf
m³→barrel	--	m ³ to barrel	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume:1] gF4	Convert cubic metre to barrel (TI : barrel) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
m³→barrel	--	m ³ to barrel	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume:2] gF4	Convert cubic metre to barrel (TI : barrel) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
ml→cup_{UK}	--	ml to cup _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:1] F5	Convert millilitre to UK imperial cup (TI : cup _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
ml→cup_{US}	--	ml to cup _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:2] F5	Convert millilitre to US customary cup (TI : cup _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
ml→fLoz_{UK}	--	ml to fLoz _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume:1] F2	Convert millilitre to UK fluid ounce (TI : fLoz _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
ml→fLoz_{UK}	--	ml to fLoz _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:1] gF2	Convert millilitre to UK fluid ounce (TI : fLoz _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
ml→fLoz_{US}	--	ml to fLoz _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume:2] fF2	Convert millilitre to US fluid ounce (TI : fLoz _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
ml→fLoz_{US}	--	ml to fLoz _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:2] gF2	Convert millilitre to US fluid ounce (TI : fLoz _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
ml→in³	--	ml to in ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume:1] F2	Convert millilitre to cubic inch (TI : in ³) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
ml→in³	--	ml to in ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume:2] F2	Convert millilitre to cubic inch (TI : in ³) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
ml→pint_{UK}	--	ml to pint _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:1] gF4	Convert millilitre to UK imperial pint (TI : pint _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
ml→pint_{US}	--	ml to pint _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:2] gF4	Convert millilitre to US liquid pint (TI : pint _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
ml→qt_{UK}	--	ml to qt _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:1] gF6	Convert millilitre to UK quart (TI : qt _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
ml→qt_{US}	--	ml to qt _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:2] gF6	Convert millilitre to US quart (TI : qt _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
ml→tbsp_{UK}	--	ml to tbsp _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:1] F3	Convert millilitre to UK imperial tablespoon (TI : tbsp _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
ml→Tbsp_{US}	--	ml to Tbsp _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:2] F3	Convert millilitre to US customary tablespoon (TI : Tbsp _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
ml→tsp_{UK}	--	ml to tsp _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:1] F1	Convert millilitre to UK imperial teaspoon (TI : tsp _{UK}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
ml→tsp_{US}	--	ml to tsp _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:2] F1	Convert millilitre to US customary teaspoon (TI : tsp _{US}) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
[MLoads:1]	MLoads:	Moment loads conversions	MENU			Torque/moment conversions	Catalog CAT.MENUS MLoads:	Convert between units of moment loads ; typical moment loads units (torque) (Info : Flag CONV ₀ may be SET for <to> +> <to> unit conversion buttons ; CLEAR for <from> +> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MLoads_page_1.pdf
[MLoads:1]	MLoads:	Moment loads conversions	MENU			Torque/moment conversions	Menu [MLoads:1] gF2	Convert between units of moment loads ; typical moment loads units (torque) (Info : Flag CONV ₀ may be SET for <to> +> <to> unit conversion buttons ; CLEAR for <from> +> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MLoads_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[MLoads:]	MLoads:	Moment loads conversions	MENU			Torque/moment conversions	Menu [Struct.:1] F4	Convert between units of moment loads ; typical moment loads units (torque) (Info : Flag CONV _{Mo} may be SET for <to> +> <to> unit conversion buttons ; CLEAR for <from> +> <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Struct_page_1.pdf
M _{moon}	--	Mass of the Moon	Constant			Constants	Menu [CNST.2] fF1	Constant m_{Moon} mass.moon = 7.348×10^{22} (Unit : kg) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_2.pdf
mm→Banana	--	mm to Banana	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [FFF+.1] fF2	Convert millimetre to Banana length (TI : Banana) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
mm→in	--	mm to in	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.1] gF4	Convert millimetre to inch (TI : in) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
mm→in	--	mm to in	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [SecPrp.:1] F4	Convert millimetre to inch (TI : in) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
mm→point	--	mm to point	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.3] F6	Convert millimetre to point (TI : point) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
mmHg→Pa	--	mmHg to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.:1] F1	Convert millimetre of Mercury to Pascal (TI : Pa) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
mm ² →in ²	--	mm ² to in ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [SecPrp.:1] fF4	Convert square millimetre to square inch (TI : in ²) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
mm ³ →in ³	--	mm ³ to in ³	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [SecPrp.:1] gF4	Convert cubic millimetre to cubic inch (TI : in ³) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
mm ⁴ →in ⁴	--	mm ⁴ to in ⁴	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [SecPrp.:1] fF6	Convert millimetre to the power 4 to inch to the power 4 (TI : in ⁴) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
mm ⁶ →in ⁶	--	mm ⁶ to in ⁶	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [SecPrp.:1] gF6	Convert millimetre to the power 6 to inch to the power 6 (TI : in ⁶) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
MNU _{p1}	MNU _{p1} III	Menu opens on p1	Setting (pgm)	ON	<no annunciator>	User interface	Menu [MODE.3] fF4	Switch on menu opens on p1 Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
MNU _{p1}	MNU _{p1} III	Menu opens on p1	Setting (pgm)	ON	<no annunciator>	User interface	Menu [PREF.3] fF4	Switch on menu opens on p1 Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
MNU _{p1}	--	Menu opens on p1	Flag	SET	<no annunciator>	User interface	Menu [SYS.FL.3] fF4 (Also) reached from MENU (item, nonpgm) CFLG	SET for menu opens on p1 ; CLEAR for menu opens on page last used Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
MNU _{p1}	--	Menu opens on p1	Flag	SET	<no annunciator>	User interface	Menu [CFLG (SYS.FL.)3] fF4	SET for menu opens on p1 ; CLEAR for menu opens on page last used Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_3.pdf
MOD	MOD	Modulo	Function (dyadic)			Mathematics	Menu [INTS.1] fF3	Y modulo X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
MOD	MOD	Modulo	Function (dyadic)			Mathematics	Menu [FCNS.2] gF6	Y modulo X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_2.pdf
MOD	MOD	Modulo	Function (dyadic)			Mathematics	Menu [BASE2.1] fF6	Y modulo X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
[MODE]	MODE	Mode settings	MENU			System	Catalog CAT.MENU MODE	System (mode settings) settings ; replaced by PREF in this layout (Info : C47 menu MODE is replaced by PREF ; Ref : https://N7calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_Tour.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
[MODEL]	MODEL	Model	MENU			Plotting and curve fitting	Menu [REG.1] gF4	Functions to set parameter for which models are selected in the LR analysis (Ref : https://N7calc.com/doc/R47/Reference/R47v0_BestF_param.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REGR_page_1.pdf
[MODEL]	MODEL	Model	MENU			Plotting and curve fitting	Catalog CAT.MENU MODEL	Functions to set parameter for which models are selected in the LR analysis (Ref : https://N7calc.com/doc/R47/Reference/R47v0_BestF_param.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MODEL_page_1.pdf
MONIT	--	Iteration monitoring	Flag	SET	<no annunciator>	Status	Menu [SYS.FL.3] fF5 (Also) reached from MENU (item, nonpgm) CFLG	SET for displaying iteration status ; CLEAR for not displaying iteration status (Info : Pertains to executing programmable sums, solvers and integrator) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
MONIT	--	Iteration monitoring	Flag	SET	<no annunciator>	Status	Menu [CFLG (SYS.FL.)3] fF5	SET for displaying iteration status ; CLEAR for not displaying iteration status (Info : Pertains to executing programmable sums, solvers and integrator) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_3.pdf
MONTH	MONTH	Month	Function (monadic)			Time functions	Menu [CLK.2] fF5 (Also) reached from MENU (item) DTSET	Month (of date in X) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
MONTH	MONTH	Month	Function (monadic)			Time functions	Menu [DTSET (CLK.)1] fF5	Month (of date in X) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
MPa→ksi	--	MPa to ksi	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [MatPrp.:1] fF2	Convert MegaPascal to kilo-pound force per square inch (TI : ksi) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
mpg _{UK} →kWh/l _{mi}	--	mpg _{UK} to kWh/l _{mi}	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.:1] gF3	Convert mpg gasoline equivalent UK to kiloWatt-hour per 100 mile (TI : kWh/100mi ; Info : single = E/l _{mi} *) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ymmv_page_1.pdf
mpg _{US} →kWh/l _{mi}	--	mpg _{US} to kWh/l _{mi}	Function (monadic, linked)		<no annunciator>	EV economy conversions	Menu [Ymmv.:1] fF3	Convert mpg gasoline equivalent US to kiloWatt-hour per 100 mile (TI : kWh/100mi ; Info : single = E/l _{mi} *) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ymmv_page_1.pdf
mpg _{UK} →l/100km	--	mpg _{UK} to l/100km	Function (monadic, linked)		<no annunciator>	Fuel economy conversions	Menu [Ymmv.:1] gF2	Convert mile per gallon UK to litre per 100 kilometre (TI : l/100km) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ymmv_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
mpg_{US}→ℓ/100km	--	mpg _{US} to ℓ/100km	Function (monadic, linked)		<no annunciator>	Fuel economy conversions	Menu [Ymmv.1] fF2	Convert mile per gallon US to litre per 100 kilometre (TI : ℓ/100km) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ymmv_page_1.pdf
mph→ft/s	--	mph to ft/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] fF4	Convert mile per hour to foot per second (TI : ft/s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
mph→fur/ftn	--	mph to fur/ftn	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [FFF+.1] gF5	Convert mile per hour to furlong per fortnight (TI : fur/ftn ; Info : single = ur/ftne) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FFF+_page_1.pdf
mph→km/h	--	mph to km/h	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] F4	Convert mile per hour to kilometre per hour (TI : km/h) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
mph→knot	--	mph to knot	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] gF4	Convert mile per hour to knot (TI : knot) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
mph→m/s	--	mph to m/s	Function (monadic, linked)		<no annunciator>	Speed conversions	Menu [Speed.1] F5	Convert mile per hour to metre per second (TI : m/s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
m_PL	--	Planck mass	Constant			Constants	Menu [CNST.2] fF5	Constant # 29 m _P , mass.planck = +2.176434 × 10 ⁻⁸ (Unit : kg) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_2.pdf
MSG	MSG	Message	Command (PEM)			Programming	Menu [P.FN1.1] fF1	Show error message (TAM : MSG _ TamNonReg menu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Errors_and_messages.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
MSQRT	MSQRT	Square root of matrix	Function (monadic)			Matrix operations	Menu [MATX.2] F2	Square root of matrix in X : if M = MSQRT(X), M × M = X, where x denotes matrix multiplication (Shortcut : $\sqrt{X}$; Info : Error 20 -- No root found or Error 21 -- Matrix mismatch may be raised (the latter when the matrix is not square)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_2.pdf
m²→m²	--	m ² to m ²	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1] fF3	Convert m ² to square metre (TI : m ²) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
MULT-	MULT- O	Multiplication symbol -	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.2] fF8	Switch on displaying multiplication symbol - Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
MULT×	MULT× @	Multiplication symbol ×	Setting (pgm)	ON	<no annunciator>	Display	Menu [DISP.2] fF5	Switch on displaying multiplication symbol × Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
MULT×	--	Multiplication symbol	Flag	SET	<no annunciator>	Display	Menu [SYS.FL.3] fF6 (Also) reached from MENU (item, nonpgm) CFLG	SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol - (Info : Multiplication symbol is used in exponential and complex notation ; symbol may be displayed in annunciator(s) related to FRACT settings) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
MULT×	--	Multiplication symbol	Flag	SET	<no annunciator>	Display	Menu [CFLG (SYS.FL).3] fF6	SET for displaying multiplication symbol × ; CLEAR for displaying multiplication symbol - (Info : Multiplication symbol is used in exponential and complex notation ; symbol may be displayed in annunciator(s) related to FRACT settings) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_3.pdf
[MULTSTK]	MULTSTK	Multi-stack commands	MENU			Stack	Menu [ELEC.2] fF6	Multi-stack commands Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
[MULTSTK]	MULTSTK	Multi-stack commands	MENU			Stack	Menu [STK.1] gF5	Multi-stack commands Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
[MULTSTK]	MULTSTK	Multi-stack commands	MENU			Stack	Catalog CAT.MENU MULTSTK	Multi-stack commands Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
MULπ	MULπ O	Set ADM to MULπ	Setting (pgm)	OFF	πr	Angle tagging or conversion	Menu [TRG.1] gF5	Set Angular Display Mode to multiple of pi radians mode (ADM = 3) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TRG_page_1.pdf
MULπ	MULπ O	Set ADM to MULπ	Setting (pgm)	OFF	πr	Angle tagging or conversion	Menu [TRG_R47.1] F5	Set Angular Display Mode to multiple of pi radians mode (ADM = 3) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TRG_R47_page_1.pdf
MVAR	MVAR	Define menu variable	Command (PEM)			Programming	Menu [P.FN2.1] F4	Define menu variable in RPN program, for VarYMU, integrator, or solver ; creates variable if it does not exist (TAM : MVAR _ TamVarOnly menu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Variable_naming.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
[MyM]	MyMenu	MyMenu	MENU			Customisation	Catalog CAT.MENU MyMenu	User menu presenting a ribbon to quickly access user selected functions (and menus) ; all buttons are user assignable ('riveted' look) ; set by RIBBONS ; reset using MyM.R ; default ribbon M.R47 (Shortcut : longpress [cga] (because KEY.LP is SET ; also available in Normal Mode of PEM ; it is hinted at by the white keyboard label «CUST»); during assignment, pressing USER (f[DRG]) opens MyMenu ; Info : ribbons are documenten on page 1 : M.CPX ; 2 : M.ENG ; 3 : M.FIN ; 4 : M.SAV ; 5 : M.CV7 ; 6 : M.R47 ; 7 : M.FIN+ ; 8 : M.SAV+) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
[MyM]	MyMenu	MyMenu	MENU (item, nonpgm)			Customisation	Catalog CAT.MENU MyMenu	User menu presenting a ribbon to quickly access user selected functions (and menus) ; all buttons are user assignable ('riveted' look) ; set by RIBBONS ; reset using MyM.R ; default ribbon M.R47 Ref : https://N7calc.com/doc/R47/Menu/xxx1.pdf
MyM.R	--	MyMenu reset	Command			Cleanup	Menu [RESETS.1] F2	Clean (delete) all MyMenu user assignments (TI : MyMenu menu cleaned) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_RESETS_page_1.pdf
MyM³	--	MyMenu f/g shortcut	Flag	CLEAR	<no annunciator>	Customisation	Menu [SYS.FL.3] gF2 (Also) reached from MENU (item, nonpgm) CFLG	SET for MyMenu activated by triple and longerpress f/g-shift ; CLEAR for MyMenu f/g shortcut inactive (Info : MyM ³ and HOME ³ are linked (both cannot be SET at the same time) ; MyM ³ pertains to layouts containing key [f/g] only and also enables longerpress assignment to this key) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
MyM ⁹	--	MyMenu f/g shortcut	Flag	CLEAR	<no annunciator>	Customisation	Menu [CFL6 (SYS.FL).3] gF2	SET for MyMenu activated by triple and longerpress f/g-shift; CLEAR for MyMenu f/g shortcut inactive (Info : MyM ⁹ and HOME ⁹ are linked (both cannot be SET at the same time) ; MyM ⁹ pertains to layouts containing key [f/g] only and also enables longerpress assignment to this key) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CFL6_page_3.pdf
MyM ⁹	MyM ⁹ □	MyMenu f/g shortcut	Setting	OFF	<no annunciator>	Customisation	Menu [MODE.3] gF5	Switch on MyMenu activated by triple and longerpress f/g-shift ; not programmable - in PEM, use flag MyM ⁹ (Info : MyM ⁹ and HOME ⁹ are linked (both cannot be ON at the same time ; MyM ⁹ pertains to layouts containing key [f/g] only and also enables longerpress assignment to this key) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_3.pdf
MyM ⁹	MyM ⁹ □	MyMenu f/g shortcut	Setting	OFF	<no annunciator>	Customisation	Menu [PREF.3] gF5	Switch on MyMenu activated by triple and longerpress f/g-shift ; not programmable - in PEM, use flag MyM ⁹ (Info : MyM ⁹ and HOME ⁹ are linked (both cannot be ON at the same time ; MyM ⁹ pertains to layouts containing key [f/g] only and also enables longerpress assignment to this key) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_3.pdf
MyMb	MyMb ■	MyMenu shown	Setting	ON	<no annunciator>	Customisation	Menu [MODE.3] fF5	Switch on MyMenu shown ; not programmable - in PEM, use flag MyMb (Info : MyMb and HOMEb are linked (both cannot be ON at the same time ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_3.pdf
MyMb	MyMb ■	MyMenu shown	Setting	ON	<no annunciator>	Customisation	Menu [PREF.3] fF5	Switch on MyMenu shown ; not programmable - in PEM, use flag MyMb (Info : MyMb and HOMEb are linked (both cannot be ON at the same time ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_3.pdf
MyMb	--	MyMenu shown	Flag	SET	<no annunciator>	Customisation	Menu [SYS.FL.3] gF1 (Also) reached from MENU (item, nonpgm) CFL6	SET for MyMenu shown; CLEAR for MyMenu not shown (Info : MyMb and HOMEb are linked (both cannot be SET at the same time) ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_SYS-FL_page_3.pdf
MyMb	--	MyMenu shown	Flag	SET	<no annunciator>	Customisation	Menu [CFL6 (SYS.FL).3] gF1	SET for MyMenu shown; CLEAR for MyMenu not shown (Info : MyMb and HOMEb are linked (both cannot be SET at the same time) ; applies when all menus are exited using EXIT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CFL6_page_3.pdf
[MyM]	MyMenu	MyMenu	MENU			Customisation	Keyboard longerpress [<g>]	User menu presenting a ribbon to quickly access user selected functions (and menus) ; all buttons are user assignable ('riveted' look) ; set by RIBBONS ; reset using MyMLR ; default ribbon MLRN7 (Shortcut : longerpress [<g>] (because KEY.LP is SET ; also available in Normal Mode of PEM) ; it is hinted at by the white keyboard label (CUST)) ; during assignment, pressing USER (f [DRG]) opens MyMenu ; Info : ribbons are documented on page 1 : M.CPX ; 2 : M.ENG ; 3 : M.FIN ; 4 : M.SAV ; 5 : M.CN7 ; 6 : M.RN7 ; 7 : M.FIN+ ; 8 : M.SAV+) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
[Myα]	Myα	MyAlpha	MENU			Customisation	Menu [ALPHA.1] fF1 (Also) reached from MENU (item) [α]	User menu to quickly access user selected special characters ; all buttons are user assignable ('riveted' look) ; initially unpopulated ; reset using Myα.R (Shortcut : alpha long [EXIT] ; EIM long [EXIT] ; alpha long [<g>] (because KEY.LP is SET ; also available in alpha mode of PEM)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ALPHA__page_1.pdf
[Myα]	Myα	MyAlpha	MENU			Customisation	Menu [CHARS.1] F1	User menu to quickly access user selected special characters ; all buttons are user assignable ('riveted' look) ; initially unpopulated ; reset using Myα.R (Shortcut : alpha long [EXIT] ; EIM long [EXIT] ; alpha long [<g>] (because KEY.LP is SET ; also available in alpha mode of PEM)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CHARS_page_1.pdf
[Myα]	Myα	MyAlpha	MENU			Customisation	Menu [TamAlpha.1] fF1	User menu to quickly access user selected special characters ; all buttons are user assignable ('riveted' look) ; initially unpopulated ; reset using Myα.R (Shortcut : alpha long [EXIT] ; EIM long [EXIT] ; alpha long [<g>] (because KEY.LP is SET ; also available in alpha mode of PEM)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamAlpha_page_1.pdf
[Myα]	Myα	MyAlpha	MENU			Customisation	Catalog CAT.MENU Myα	User menu to quickly access user selected special characters ; all buttons are user assignable ('riveted' look) ; initially unpopulated ; reset using Myα.R (Shortcut : alpha long [EXIT] ; EIM long [EXIT] ; alpha long [<g>] (because KEY.LP is SET ; also available in alpha mode of PEM)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MyAlpha_page_1.pdf
[Myα]	Myα	MyAlpha	MENU			Customisation	Menu [CAT.1] F1	User menu to quickly access user selected special characters ; all buttons are user assignable ('riveted' look) ; initially unpopulated ; reset using Myα.R (Shortcut : alpha long [EXIT] ; EIM long [EXIT] ; alpha long [<g>] (because KEY.LP is SET ; also available in alpha mode of PEM)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CAT_ALPHA_page_1.pdf
[Myα]	Myα	MyAlpha	MENU			Customisation	Menu [α (ALPHA).1] fF1	User menu to quickly access user selected special characters ; all buttons are user assignable ('riveted' look) ; initially unpopulated ; reset using Myα.R (Shortcut : alpha long [EXIT] ; EIM long [EXIT] ; alpha long [<g>] (because KEY.LP is SET ; also available in alpha mode of PEM)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Myα.R	--	Mya menu reset	Command			Cleanup	Menu [RESETS.1] F1	Clean (delete) all Mya menu user assignments (TI : Mya menu cleaned) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_RESETS_page_1.pdf
N	--	N	Character			Characters	Keyboard alpha [7]	Character N (Fontcode : 88E1 ₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
N	--	N	Character			Characters	Keyboard alphaSIM [n]	Character N (Fontcode : 88E1 ₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
n	--	n	Character			Characters	Keyboard alpha f [7]	Character n (Fontcode : 88E1 ₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
n	nΣ	n	Command			Summary statistics	Menu [FIN.1] fF3	Number of samples Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FIN_page_1.pdf
n	nΣ	n	Command			Summary statistics	Menu [STAT.1] gF1	Number of samples Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_1.pdf
n	nΣ	n	Command			Summary statistics	Menu [PLOT.1] gF1	Number of samples Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_1.pdf
n	nΣ	n	Command			Summary statistics	Menu [PLOT.2] gF1	Number of samples Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
N	--	Register N	EasyAccess (TAM)			Trailing input	Menu [REG.1] F2	Easy access to Register N (212) : General purpose register N ; also used to store distribution parameter : degree of freedom 2, quantity, upper limit (TI : N) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
N	--	Register N	Register (lettered)			Lettered registers	See description	Register N (212) : General purpose register N ; also used to store distribution parameter : degree of freedom 2, quantity, upper limit (Info : Reached from STO/RCL [REG.1] F2)
N	--	Flag N	EasyAccess (TAM)			Trailing input	Menu [FLG.1] F2	Easy access to Flag N (212) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_1.pdf
N	--	Flag N	Flag (lettered)	<no annunciator>		Lettered flags	See description	Flag N (212) (Info : Reached from FF [FLG.1] F2)
N	--	Natural N	Character			Characters	Menu [αMath.5] gF3	Mathematical symbol N (Fontcode : 2115 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
N	--	Subscript N	Character			Characters	See description	Character N (Fontcode : 240D ₁₆)
N	--	Superscript N	Character			Characters	See description	Character N (Fontcode : 24C3 ₁₆)
Ñ	--	N accute	Character			Characters	Menu [αINTL.3] F2	International character Ñ (Fontcode : 81W1 ₁₆ ; Info : press [4] for ñ at [αINTL.3] F2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ñ	--	n accute	Character			Characters	Menu [αINTL.3] F2	International character ñ (Fontcode : 81W1 ₁₆ ; Info : press [4] for Ñ at [αINTL.3] F2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
Ñ	--	N caron	Character			Characters	Menu [αINTL.3] F3	International character Ñ (Fontcode : 81W1 ₁₆ ; Info : press [4] for ñ at [αINTL.3] F3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ñ	--	n caron	Character			Characters	Menu [αINTL.3] F3	International character ñ (Fontcode : 81W1 ₁₆ ; Info : press [4] for Ñ at [αINTL.3] F3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
Ñ	--	N tilde	Character			Characters	Menu [αINTL.3] F1	International character Ñ (Fontcode : 80D1 ₁₆ ; Info : press [4] for ñ at [αINTL.3] F1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ñ	--	n tilde	Character			Characters	Menu [αINTL.3] F1	International character ñ (Fontcode : 80F1 ₁₆ ; Info : press [4] for Ñ at [αINTL.3] F1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
n	NPPER	TVM number of payments	Variable (real)	0		Financial	Menu [TVM.1] F1	Reserved Real variable for the TVM number of payments (n) (TI : NPPER = n pay periods =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
n	--	TVM number of payments	EasyAccess (TAM)	0		Trailing input	Menu [TamRclTVM.1] F1	Easy access to variable NPPER to recall TVM number of payments (RCL 'NPPER') (TI : 'NPPER') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
n	--	TVM number of payments	EasyAccess (TAM)	0		Trailing input	Menu [TamStoTVM.1] F1	Easy access to variable NPPER to store TVM number of payments (STO 'NPPER') (TI : 'NPPER') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf
N.VECT	--	Clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ₀ (PLFUNC).4] gF1	Switch on clockwise vectors ; not programmable - in PEM, use flag PlnVec (Info : N.VECT and VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣyΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_4.pdf
N.VECT	--	Clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).4] gF1	Switch on clockwise vectors ; not programmable - in PEM, use flag PlnVec (Info : N.VECT and VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣyΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_4.pdf
N.VECT	--	Clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.3] gF1	Switch on clockwise vectors ; not programmable - in PEM, use flag PlnVec (Info : N.VECT and VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣyΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_3.pdf
N.VECT	--	Clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCONS (PLFUNC).4] gF1	Switch on clockwise vectors ; not programmable - in PEM, use flag PlnVec (Info : N.VECT and VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣyΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCONS_page_4.pdf
N→m→ft→lbf	--	N→m to ft→lbf	Function (monadic, linked)		<no annunciator>	Torque/moment conversions	Menu [Misc.1] F3	Convert Newton-metre to foot-pound force (TI : ft→lbf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Misc_page_1.pdf
N→m→ft→lbf	--	N→m to ft→lbf	Function (monadic, linked)		<no annunciator>	Torque/moment conversions	Menu [MLoads.1] F2	Convert Newton-metre to foot-pound force (TI : ft→lbf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MLoads_page_1.pdf
N→m→in→lbf	--	N→m to in→lbf	Function (monadic, linked)		<no annunciator>	Torque/moment conversions	Menu [MLoads.1] F4	Convert Newton-metre to inch-pound force (TI : in→lbf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MLoads_page_1.pdf
N/m→kgf/m	--	N/m to kgf/m	Function (monadic, linked)		<no annunciator>	Linear Force Density conversions	Menu [FLoads.1] fF2	Convert Newton per metre to kilogram force per metre (TI : kgf/m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLoads_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$N/m \rightarrow lbf/ft$	--	N/m to lbf/ft	Function (monadic, linked)		<no annunciator>	Linear Force Density conversions	Menu [FLoads.1] F2	Convert Newton per metre to pound force per foot (TI : lbf/ft) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Floads_page_1.pdf
$N \rightarrow kgf$	--	N to kgf	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [FLoads.1] gF4	Convert Newton to kilogram force (TI : kgf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Floads_page_1.pdf
$N \rightarrow lbf$	--	N to lbf	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [F&p.1] F6	Convert Newton to pound force (TI : lbf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
$N \rightarrow lbf$	--	N to lbf	Function (monadic, linked)		<no annunciator>	Force conversions	Menu [FLoads.1] F4	Convert Newton to pound force (TI : lbf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Floads_page_1.pdf
$N \rightarrow U$	--	Copy <none> assignment to USER	Command			Customisation	Menu [O KEY.1] fF6	Copy <none> NORMAL assignment to <none> USER assignment and activate USER mode (Info : Does not copy $\rightarrow g$ or $\rightarrow f/g$ assignment) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NRMKEY_page_1.pdf
N_A	--	Avogadro's number	Constant			Constants	Menu [CNST.2] gF6	Constant $\# 36 N_A$ nr.avogadro = $+5.02214076 \times 10^{23}$ (Unit : /mol) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_2.pdf
NaN	--	Not a Number	Constant			Constants	Menu [CNST.3] F1	Constant $\# 37 NaN$ not.a.nr = Not a number Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
NaN?	NaN?	not-a-number?	Command (logical)			Programming	Menu [TEST.2] gF3	Test X is not-a-number Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
NAND	NAND	Not AND	Function (dyadic)			Bits and bytes	Menu [BITS.1] fF1 (Also reached from MENU (item) BITSHFT)	Logical not AND (bitwise) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
$NBin_p$	$NBin_p$	Negative binomial pmf	Function (monadic)			Probability (int)	Menu [Binom.1] fF1	Negative binomial probability mass function Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
$NBin_{\Delta}$	$NBin_{\Delta}$	Negative binomial cdf (lower)	Function (monadic)			Probability (int)	Menu [Binom.1] fF3	Negative binomial cumulative distribution (lower tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
$NBin_{\Delta}$	$NBin_{\Delta}$	Negative binomial cdf (upper)	Function (monadic)			Probability (int)	Menu [Binom.1] fF4	Negative binomial cumulative distribution (upper tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
nBINS	--	Number of bins	Command			Plotting and statistics	Menu [HIST.1] F4	Number of bins in histogram (TI : $\#BIN$; $\#BIN$; $\#BINS$:) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_HIST_page_1.pdf
$NBin^{-1}$	$NBin^{-1}$	Negative binomial qf (inverse)	Function (monadic)			Probability (int)	Menu [Binom.1] fF5	Negative binomial inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
NDEC	NDEC ₃	Set number of digits displayed	Command	3		Display	Menu [INFO.3] fF4	Set number of digits displayed to X ; also set by DSP or interactively from menu MLoads: (parameter for FIX ; SCI ; ENG ; UNIT ; SIG ; ALL) (Info : Range is [0, 15]) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_3.pdf
NDEC#	NDEC#	Get number of digits displayed	Command	3		Display	Menu [INFO.3] F4	Get number of digits displayed ; set by DSP or interactively from menu MLoads: (parameter for FIX ; SCI ; ENG ; UNIT ; SIG ; ALL) and by NDEC (Info : Range is [0, 15]) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_3.pdf
nDROP	NDROP	Drop n stack registers	Command			Stack	Menu [MULTSTK.1] fF3	Drop bottom n stack registers (n = 1-4) (TAM : nDROP _ TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
nDUP	NDUP	Duplicate n stack registers	Command			Stack	Menu [MULTSTK.1] fF4	Duplicate bottom n stack registers to the n stack registers above (n = 1-4) (TAM : nDUP _ TamNonReg menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
NEIGHB	NEIGHB	Neighbour	Function (dyadic)			Mathematics	Menu [INFO.2] F3	Get neighbour value of X compared to Y (next integer or next machine representable Real number) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_2.pdf
[NEW]	EQ.NEW	New equation	MENU (item, nonpgm)			Equations	Menu [EQN.1] F1	Open equation editor menu to create new equation (previous equation pushed) (Info : EIM = Equation Input Mode ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Equation_editor.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EQN_page_1.pdf
NEW	MLNEW	New matrix	Command (submenu)			Matrix operations	Menu [MATX.1] F1	Create new matrix with Y rows and X columns Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
NEXT	NXTPER	Step forward	Command			Financial	Menu [AMORT.1] F6	Step the window forward : P1 + P1 + <window size>, P2 + P2 + <window size> Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AMORT_page_1.pdf
NEXTP	NEXTP	Next prime	Function (monadic)			Mathematics	Menu [X.FN.1] F1	Next prime of the integer X (Info : Prime numbers are calculated only if $X < 10^{200}$, or NEXTP raises Error 1 -- An argument exceeds the function domain (may depend on flag CPXRES and SPCRES)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
$nmi \rightarrow km$	--	nmi to km	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.1] fF1	Convert nautical mile to kilometre (TI : km) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
$nmi \rightarrow m$	--	nmi to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.3] fF1	Convert nautical mile to metre (TI : m) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
$nmi \rightarrow mi$	--	nmi to mi	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.1] gF1	Convert nautical mile to mile (TI : mi) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
$nmi^2 \rightarrow km^2$	--	nmi^2 to km^2	Function (monadic, linked)		<no annunciator>	Area conversions	Menu [Area.1] fF5	Convert square nautical mile to square kilometre (TI : km^2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Area_page_1.pdf
NNZ	NNZ	Number of non-zeros	Function (monadic)			Matrix operations	Menu [TamNorm.1] fF2	Number of non-zeros of vector or matrix in X : $\ x\ _0 = \sum_i \delta_i I(a_i \neq 0)$, where I is the indicator function, 1 if true, 0 if false (Info : If NNZ is selected from menu [TamNorm.1] fF2, it enters $\ x\ _0$ with parameter 0 : Number of non-zeros of vector or matrix in X : $\ x\ _0 = \sum_i \delta_i I(a_i \neq 0)$, where I is the indicator function, 1 if true, 0 if false) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamNorm_page_1.pdf
NO	--	No	Command			User interface	Menu [YESNO.1] F5	Respond : No Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_YESNO_page_1.pdf
NONE	INONE O	IP separator <none>	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] F6 (Also reached from MENU (item, nonpgm) IPART_)	Set integer part separator to <none> (Info : Menu shows symbol $\emptyset$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
NONE	FNONE O	FP separator <none>	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] F6 (Also reached from MENU (item, nonpgm) FPART_)	Set fractional part separator to <none> (Info : Menu shows symbol $\emptyset$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
NOR	NOR	NOR	Function (dyadic)			Bits and bytes	Menu [BITS.1] fF2 (Also) reached from MENU (item) BITSHFT	Logical not OR (bitwise) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
NORM	NORM O	Printer mode Normal	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.1] gF4	Switch on printer mode Normal (flag Δ TRACE is CLEAR and flag Δ NORM is SET) (Info : In NORM mode, the printer prints numbers and alpha strings that are keyed in, names of functions executed from the keyboard and output from print functions; running programs only print from print commands or from PROMPT) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
NORM	NORM O	Printer mode Normal	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.2] gF4	Switch on printer mode Normal (flag Δ TRACE is CLEAR and flag Δ NORM is SET) (Info : In NORM mode, the printer prints numbers and alpha strings that are keyed in, names of functions executed from the keyboard and output from print functions; running programs only print from print commands or from PROMPT) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_2.pdf
[Norml:]	Norml:	Normal & Log normal distribution	MENU			Probability (real)	Menu [DISTR.1] F1	Normal & Log normal probability distribution (continuous) (TI : RegM = μ = ; RegS = σ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[Norml:]	Norml:	Normal & Log normal distribution	MENU			Probability (real)	Catalog CAT.MENU Norml:	Normal & Log normal probability distribution (continuous) (TI : RegM = μ = ; RegS = σ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
Norml _p	Norml _p	Normal pdf	Function (monadic)			Probability (real)	Menu [Norml.1] F1	Normal probability density function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
Norml _l	Norml _l	Normal cdf (lower)	Function (monadic)			Probability (real)	Menu [Norml.1] F3	Normal cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
Norml _u	Norml _u	Normal cdf (upper)	Function (monadic)			Probability (real)	Menu [Norml.1] F4	Normal cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
Norml ⁻¹	Norml ⁻¹	Normal qf (inverse)	Function (monadic)			Probability (real)	Menu [Norml.1] F6	Normal inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
NOT	NOT	NOT	Function (monadic)			Bits and bytes	Menu [BASE.1] fF4	Bitwise NOT Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
NOT	NOT	NOT	Function (monadic)			Bits and bytes	Menu [BITS.1] F4 (Also) reached from MENU (item) BITSHFT	Bitwise NOT Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
NOT	NOT	NOT	Function (monadic)			Bits and bytes	Menu [BASE2.1] fF4	Bitwise NOT Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
NPPER	NPPER	TVM number of payments	Variable (real)	0		Financial	Menu [ALL.1] fF4 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the TVM number of payments (n) (TI : NPPER = n pay periods =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVAR_page_1.pdf
NPPER	NPPER	TVM number of payments	Variable (real)	0		Financial	Menu [VAR (ALL).1] fF4	Reserved Real variable for the TVM number of payments (n) (TI : NPPER = n pay periods =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
NPPER	NPPER	TVM number of payments	Variable (real)	0		Financial	Menu [REALS.1] F5	Reserved Real variable for the TVM number of payments (n) (TI : NPPER = n pay periods =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
NPPER	NPPER	TVM number of payments	Variable (real)	0		Financial	Menu [NUMBRS.1] F6	Reserved Real variable for the TVM number of payments (n) (TI : NPPER = n pay periods =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
NQueens	--	NQueens	User Program			Test programs	See description	NQueens example program, available to load from PROGRAMS/NQueens.p47, using READP -- see https://forum.swissmicros.com/viewtopic.php?p=34743#p34743 (Info : NQueens implementation for test purposes; modified from Calcmans4's program) [https://forum.swissmicros.com/viewtopic.php?p=34743#p34743]
NSPC _w	INSPC. O	IP separator narrow space	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] gF5 (Also) reached from MENU (item, nonpgm) IPART _w	Set integer part separator to narrow space Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
NSPC _w	FNSPC. O	FP separator narrow space	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] gF5 (Also) reached from MENU (item, nonpgm) FPART _w	Set fractional part separator to narrow space Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
nSWAP	NSWAP	Swap n stack registers	Command			Stack	Menu [MULTSTK.1] fF5	Swap bottom n stack registers with the n stack registers above (n = 1-4) (TAM : nSWAP _ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MULTSTK_page_1.pdf
NUM	--	Numlock	Setting	OFF	N	Numeric input	Menu [ALPHA.1] gF2 (Also) reached from MENU (item) [α]	Switch on numlock ; not programmable - in PEM, use flag NUM (Shortcut : alpha f[*] / alpha f[4]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
NUM	--	Numlock	Setting	OFF	N	Numeric input	Menu [TamAlpha.1] gF2	Switch on numlock ; not programmable - in PEM, use flag NUM (Shortcut : alpha f[*] / alpha f[4]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
NUM	--	Numlock	Setting	OFF	N	Numeric input	Menu [NEW (EQ_EDIT).1] fF2	Switch on numlock ; not programmable - in PEM, use flag NUM (Shortcut : alpha f[*] / alpha f[4]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
NUM	--	Numlock	Setting	OFF	N	Numeric input	Menu [EDIT (EQ_EDIT).1] fF2	Switch on numlock ; not programmable - in PEM, use flag NUM (Shortcut : alpha f[*] / alpha f[4]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
NUM	--	Numlock	Setting	OFF	N	Numeric input	Menu [α (ALPHA).1] gF2	Switch on numlock ; not programmable - in PEM, use flag NUM (Shortcut : alpha f[*] / alpha f[4]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
NUM	--	Numlock	Flag	CLEAR	N	Numeric input	Menu [SYS.FL.3] gF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for numlock ; CLEAR for numlock inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
NUM	--	Numlock	Flag	CLEAR	N	Numeric input	Menu [CFL6 (SYS.FL).3] gF3	SET for numlock ; CLEAR for numlock inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
NUM.IN	--	Numeric entry	Flag	CLEAR	<no annunciator>	Numeric input	Menu [SYS.FL.3] gF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for numeric entry; CLEAR for numeric entry inactive Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
NUM.IN	--	Numeric entry	Flag	CLEAR	<no annunciator>	Numeric input	Menu [CFL6 (SYS.FL.3) gF4	SET for numeric entry; CLEAR for numeric entry inactive Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_3.pdf
NUMBR?	NUMBR?	Number?	Command (logical)			Programming	Menu [TEST.3] gF1	Test type of X is Number (0 ; 1.0-1.5 ; 2.0-2.5) (Ref : https://N7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
[NUMBRS]	NUMBRS	Number variables	MENU			Catalog	Menu [VARS.1] F1	Auto-generated catalog of variables of the specified datatype : Number (0 ; 1.0-1.5 ; 2.0-2.5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_VARS_page_1.pdf
[NUMBRS]	NUMBRS	Number variables	MENU			Catalog	Catalog CAT.MENUS NUMBRS	Auto-generated catalog of variables of the specified datatype : Number (0 ; 1.0-1.5 ; 2.0-2.5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
[NumTh]	NumTh	Number theory functions	MENU			Mathematics	Menu [X.FN.1] gF3	Number theory functions -- see https://en.wikipedia.org/wiki/Divisor_function [https://en.wikipedia.org/wiki/Divisor_function] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
[NumTh]	NumTh	Number theory functions	MENU			Mathematics	Catalog CAT.MENUS NumTh	Number theory functions -- see https://en.wikipedia.org/wiki/Divisor_function [https://en.wikipedia.org/wiki/Divisor_function] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NumTh_page_1.pdf
NXTFIT	--	Next fit	Command (cyclic, nonpgm)			Plotting and curve fitting	Menu [ASSESS.1] F1	Assess next curve fitting (cyclic) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ASSESS_page_1.pdf
0	--	0	Character			Characters	Keyboard alpha [8]	Character 0 (Fontcode : 0BF14) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
0	--	0	Character			Characters	Keyboard alphaSIM [o]	Character 0 (Fontcode : 0BF14) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
o	--	o	Character			Characters	Keyboard alpha f [8]	Character o (Fontcode : 0BF14) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
0	--	Register 0	EasyAccess (TAM)			Trailing input	Menu [REG.2] F5	Easy access to Register 0 (221) : General purpose register 0 (11 : 0.) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_2.pdf
0	--	Register 0	Register (lettered)			Lettered registers	See description	Register 0 (221) : General purpose register 0 (Info : Reached from STO/RCL [REG.2] F5)
0	--	Flag 0	EasyAccess (TAM)			Trailing input	Menu [FLG.2] F5	Easy access to Flag 0 (221) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_2.pdf
0	--	Flag 0	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag 0 (221) (Info : Reached from FF [FLG.2] F5)
o	--	Subscript 0	Character			Characters	See description	Character 0 (Fontcode : 240E14)
0	--	Superscript 0	Character			Characters	See description	Character 0 (Fontcode : 240E14)
ó	--	o acute	Character			Characters	Menu [aINTL.3] F5	International character ó (Fontcode : 000314 ; Info : press [4] for ó at [aINTL.3] F5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ó	--	o acute	Character			Characters	Menu [aINTL.3] F5	International character ó (Fontcode : 00F314 ; Info : press [4] for ó at [aINTL.3] F5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
ò	--	o grave	Character			Characters	Menu [aINTL.3] F4	International character ò (Fontcode : 000214 ; Info : press [4] for ò at [aINTL.3] F4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ò	--	o grave	Character			Characters	Menu [aINTL.3] F4	International character ò (Fontcode : 00F214 ; Info : press [4] for ò at [aINTL.3] F4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
õ	--	o breve	Character			Characters	Menu [aINTL.3] fF5	International character õ (Fontcode : 019E14 ; Info : press [4] for õ at [aINTL.3] fF5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
õ	--	o breve	Character			Characters	Menu [aINTL.3] fF5	International character õ (Fontcode : 019F14 ; Info : press [4] for õ at [aINTL.3] fF5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
ö	--	o circumflex	Character			Characters	Menu [aINTL.3] F8	International character ö (Fontcode : 000414 ; Info : press [4] for ö at [aINTL.3] F8) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ö	--	o circumflex	Character			Characters	Menu [aINTL.3] F8	International character ö (Fontcode : 00F414 ; Info : press [4] for ö at [aINTL.3] F8) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
ö	--	o diaeresis	Character			Characters	Menu [aINTL.3] fF2	International character ö (Fontcode : 000614 ; Info : press [4] for ö at [aINTL.3] fF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ö	--	o diaeresis	Character			Characters	Menu [aINTL.3] fF2	International character ö (Fontcode : 00F614 ; Info : press [4] for ö at [aINTL.3] fF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
ï	--	o tilde	Character			Characters	Menu [aINTL.3] fF1	International character ï (Fontcode : 000514 ; Info : press [4] for ï at [aINTL.3] fF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ï	--	o tilde	Character			Characters	Menu [aINTL.3] fF1	International character ï (Fontcode : 00F514 ; Info : press [4] for ï at [aINTL.3] fF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
ø	--	o stroke	Character			Characters	Menu [aINTL.3] fF3	International character ø (Fontcode : 000814 ; Info : press [4] for ø at [aINTL.3] fF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ø	--	o stroke	Character			Characters	Menu [aINTL.3] fF3	International character ø (Fontcode : 00F814 ; Info : press [4] for ø at [aINTL.3] fF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_3.pdf
ö	--	o macron	Character			Characters	Menu [aINTL.3] fF4	International character ö (Fontcode : 019C14 ; Info : press [4] for ö at [aINTL.3] fF4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ō	--	o macron	Character			Characters	Menu [aINTL.3] fF4	International character ō (Fontcode : 819D16 ; Info : press [¶] for ō at [aINTL.3] fF4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_3.pdf
OCT	OCT	Octal	Setting (pgm)	OFF	#BASE ; #KEYA-f	Number bases	Menu [BASE.1] F3	Convert X to octal and toggle octal mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEYA-f is SET, the respective digit is included in the row 2 key's longpress preview cycle (Shortcut : <none> ; Info : values are displayed with subscript 8) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
ODD?	ODD?	odd?	Command (logical)			Programming	Menu [TEST.3] fF2	Test X is odd and integer (test function INT7 is true) (Ref : https://N7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
œ	--	OE	Character			Characters	Menu [aINTL.3] fF6	International character œ (Fontcode : 815216 ; Info : press [4] for œ at [aINTL.3] fF6) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl_page_3.pdf
ø	--	oe	Character			Characters	Menu [aINTL.3] fF6	International character ø (Fontcode : 815316 ; Info : press [9] for ø at [aINTL.3] fF6) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_3.pdf
⏻	OFF	off	Command			System	Keyboard f [EXIT]	Turn off calculator (Info : On the simulator, pressing OFF or quitting the application saves the calculator state in : backupR47.cfg) Ref : https://N7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_8.pdf
⏻	OFF	off	Command			System	Keyboard alpha f [EXIT]	Turn off calculator (Info : On the simulator, pressing OFF or quitting the application saves the calculator state in : backupR47.cfg) Ref : https://N7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_8.pdf
OLD	M.OLD	Old (matrix)	Command			Matrix operations	Menu [M_EDIT.1] fF4 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Revert to old element (while editing) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf
OLD	M.OLD	Old (matrix)	Command			Matrix operations	Menu [EDITN (M_EDIT).1] fF4	Revert to old element (while editing) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
OLD	M.OLD	Old (matrix)	Command			Matrix operations	Menu [EDIT (M_EDIT).1] fF4	Revert to old element (while editing) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
OMp209	--	OMp209	User Program			Test programs	Menu [PROGS.1] gF6 (Also) reached from MENU (TAM, ASM) PROG	OMp209 test program, available to load from PROGRAMS/ALLPGMS/OMp209.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
OMp209	--	OMp209	User Program			Test programs	Menu [PROG (PROGS).1] gF6	OMp209 test program, available to load from PROGRAMS/ALLPGMS/OMp209.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
OMp212	--	OMp212	User Program			Test programs	Menu [PROGS.2] F1 (Also) reached from MENU (TAM, ASM) PROG	OMp212 test program, available to load from PROGRAMS/ALLPGMS/OMp212.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
OMp212	--	OMp212	User Program			Test programs	Menu [PROG (PROGS).2] F1	OMp212 test program, available to load from PROGRAMS/ALLPGMS/OMp212.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
OMp224	--	OMp224	User Program			Test programs	Menu [PROGS.2] F2 (Also) reached from MENU (TAM, ASM) PROG	OMp224 test program, available to load from PROGRAMS/ALLPGMS/OMp224.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
OMp224	--	OMp224	User Program			Test programs	Menu [PROG (PROGS).2] F2	OMp224 test program, available to load from PROGRAMS/ALLPGMS/OMp224.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
OMp226	--	OMp226	User Program			Test programs	Menu [PROGS.2] F3 (Also) reached from MENU (TAM, ASM) PROG	OMp226 test program, available to load from PROGRAMS/ALLPGMS/OMp226.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
OMp226	--	OMp226	User Program			Test programs	Menu [PROG (PROGS).2] F3	OMp226 test program, available to load from PROGRAMS/ALLPGMS/OMp226.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
OMp233	--	OMp233	User Program			Test programs	Menu [PROGS.2] F4 (Also) reached from MENU (TAM, ASM) PROG	OMp233 test program, available to load from PROGRAMS/ALLPGMS/OMp233.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
OMp233	--	OMp233	User Program			Test programs	Menu [PROG (PROGS).2] F4	OMp233 test program, available to load from PROGRAMS/ALLPGMS/OMp233.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
OMp235	--	OMp235	User Program			Test programs	Menu [PROGS.2] F5 (Also) reached from MENU (TAM, ASM) PROG	OMp235 test program, available to load from PROGRAMS/ALLPGMS/OMp235.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
OMp235	--	OMp235	User Program			Test programs	Menu [PROG (PROGS).2] F5	OMp235 test program, available to load from PROGRAMS/ALLPGMS/OMp235.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
OMp237	--	OMp237	User Program			Test programs	Menu [PROGS.2] F6 (Also) reached from MENU (TAM, ASM) PROG	OMp237 test program, available to load from PROGRAMS/ALLPGMS/OMp237.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
OMp237	--	OMp237	User Program			Test programs	Menu [PROG (PROGS).2] F6	OMp237 test program, available to load from PROGRAMS/ALLPGMS/OMp237.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
OPENM	OPENM	Open menu	Command (PEM)			Programming	Menu [P.FN2.1] fF4	Open menu by (catalog) name, optionally followed by ϵ and page number (TAM : OPENM _ TamMenu menu ; Info : ϵ is on [aMisc.1]F1 ; menu name and page can be stored in a register or variable ; Error 58 -- Undefined menu name -- may be raised) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
OR	OR	OR	Function (dyadic)			Bits and bytes	Menu [BASE.1] fF2	Bitwise OR Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
OR	OR	OR	Function (dyadic)			Bits and bytes	Menu [BITS.1] F2 (Also) reached from MENU (item) BITSHIFT	Bitwise OR Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
OR	OR	OR	Function (dyadic)			Bits and bytes	Menu [BASE2.1] fF2	Bitwise OR Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
OrthoF	OrthoF $\square$	Orthogonal fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] gF6	Select orthogonal curve fitting (used in PLSTAT) ; deselects other curve fit settings (Info : Sets <BestF> to 0 ; TI : L.R. selected to 0rthoF) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODEL_page_1.pdf
[Orthog]	ORTHOG	Orthogonal polynomials	MENU			Mathematics	Menu [X.FN.2] gF2	Orthogonal polynomials Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
[Orthog]	ORTHOG	Orthogonal polynomials	MENU			Mathematics	Catalog CAT.MENUS ORTHOG	Orthogonal polynomials Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Orthog_page_1.pdf
OVERFL	OVERFL $\square$	Overflow	Setting	OFF	*	Bits and bytes	Menu [BASE2.2] fF2	Switch on overflow ; not programmable - in PEM, use flag OVERFL (Info : SBI * is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
OVERFL	--	Overflow	Flag	CLEAR	*	Bits and bytes	Menu [SYS.FL.3] gF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for overflow ; CLEAR for no overflow (Info : SBI * is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_3.pdf
OVERFL	--	Overflow	Flag	CLEAR	*	Bits and bytes	Menu [TamFlag.1] gF4	SET for overflow ; CLEAR for no overflow (Info : SBI * is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
OVERFL	--	Overflow	Flag	CLEAR	*	Bits and bytes	Menu [CFL6 (SYS.FL).3] gF5	SET for overflow ; CLEAR for no overflow (Info : SBI * is shown if flag SBoc is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_3.pdf
oz $\rightarrow$ g	--	oz to g	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] F5	Convert ounce to gram (TI : g) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
P	--	P	Character			Characters	Keyboard alpha [9]	Character P (Fontcode : 0059 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
P	--	P	Character			Characters	Keyboard alphaSIM [p]	Character P (Fontcode : 0059 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
P	--	P	Character			Characters	Keyboard alpha f [9]	Character p (Fontcode : 0078 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
P	--	Register P	EasyAccess (TAM)			Trailing input	Menu [REG.1] F3	Easy access to Register P (213) : General purpose register P ; also used to store distribution parameter : probability (TI : P) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
P	--	Register P	Register (lettered)			Lettered registers	See description	Register P (213) : General purpose register P ; also used to store distribution parameter : probability (Info : Reached from STO/RCL [REG.1]F3)
P	--	Flag P	EasyAccess (TAM)			Trailing input	Menu [FL6.1] F3	Easy access to Flag P (213) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FL6_page_1.pdf
P	--	Flag P	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag P (213) (Info : Reached from FF [FL6.1]F3)
p	--	Subscript P	Character			Characters	See description	Character P (Fontcode : 240F ₁₆)
P	--	Superscript P	Character			Characters	See description	Character P (Fontcode : 24C5 ₁₆)
[P.FN]	P.FN	Programming functions	MENU			Programming	Keyboard g[R/S]	User menu to quickly access selected menus and functions for programming ; all buttons are user assignable ('riveted' look) ; initially populated for basic programming options ; reset using PFNL.R (Shortcut : PEM long [EXIT]) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
[P.FN]	P.FN	Programming functions	MENU			Programming	Catalog CAT.MENUS P.FN	User menu to quickly access selected menus and functions for programming ; all buttons are user assignable ('riveted' look) ; initially populated for basic programming options ; reset using PFNL.R (Shortcut : PEM long [EXIT]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN_page_1.pdf
[P.FN]	P.FN	Programming functions	MENU			Programming	Menu [P.FN3.1] F6	User menu to quickly access selected menus and functions for programming ; all buttons are user assignable ('riveted' look) ; initially populated for basic programming options ; reset using PFNL.R (Shortcut : PEM long [EXIT]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN3_page_1.pdf
[P.FN1]	P.FN1	Programming functions 1	MENU			Programming	Menu [P.FN.1] F6	Programming functions 1 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
[P.FN1]	P.FN1	Programming functions 1	MENU			Programming	Catalog CAT.MENUS P.FN1	Programming functions 1 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
[P.FN2]	P.FN2	Programming functions 2	MENU			Programming	Menu [P.FN.1] gF6	Programming functions 2 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
[P.FN2]	P.FN2	Programming functions 2	MENU			Programming	Menu [P.FN1.1] F6	Programming functions 2 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
[P.FN2]	P.FN2	Programming functions 2	MENU			Programming	Catalog CAT.MENUS P.FN2	Programming functions 2 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[P.FN3]	P.FN3	Programming functions 3	MENU			Programming	Menu [P.FN.1] gF5	Programming functions 3 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN_page_1.pdf
[P.FN3]	P.FN3	Programming functions 3	MENU			Programming	Menu [P.FN2.1] F6	Programming functions 3 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
[P.FN3]	P.FN3	Programming functions 3	MENU			Programming	Catalog CAT.MENU P.FN3	Programming functions 3 ; this is a normal menu, buttons are not user assignable (P.FN is) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN3_page_1.pdf
P _n	P _n	Legendre polynomials	Function (dyadic)			Mathematics	Menu [Orthog.1] F4	Legendre polynomials (Parameter : x = X ; n = Y) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Orthog_page_1.pdf
P _n	P _n	Legendre polynomials	Function (dyadic)			Mathematics	Menu [FCNS.3] F2	Legendre polynomials (Parameter : x = X ; n = Y) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
P _{yx}	PERM	Permutations	Function (dyadic)			Probability	Menu [PROB.1] F4	Permutations of X out of Y Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROB_page_1.pdf
P ₀	--	Standard atmospheric pressure	Constant			Constants	Menu [CNST.3] F2	Constant # 38 p ₀ press.atm = +1.01325 × 10 ⁵ (Unit : Pa) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
P1	--	P1	User Program			Test programs	See description	P1 Time value of money program, available to load from PROGRAMS/tvm/P1.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P1	P1 ₁	First payment number	Command	1		Financial	Menu [AMORT.1] F1	Set first payment number in the range (integer, 1 ≤ P1 ≤ n) (TI : From period P1 :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_AMORT_page_1.pdf
P10	--	P10	User Program			Test programs	See description	P10 Time value of money program, available to load from PROGRAMS/tvm/P10.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P11	--	P11	User Program			Test programs	See description	P11 Time value of money program, available to load from PROGRAMS/tvm/P11.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P12	--	P12	User Program			Test programs	See description	P12 Time value of money program, available to load from PROGRAMS/tvm/P12.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P12a	--	P12a	User Program			Test programs	See description	P12a Time value of money program, available to load from PROGRAMS/tvm/P12a.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P1b	--	P1b	User Program			Test programs	See description	P1b Time value of money program, available to load from PROGRAMS/tvm/P1b.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P2	--	P2	User Program			Test programs	See description	P2 Time value of money program, available to load from PROGRAMS/tvm/P2.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P2	P2 ₁₂	Last Payment number	Command	12		Financial	Menu [AMORT.1] F2	Set last payment number in the range (integer, P1 ≤ P2 ≤ n) (TI : To period P2 :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_AMORT_page_1.pdf
P3	--	P3	User Program			Test programs	See description	P3 Time value of money program, available to load from PROGRAMS/tvm/P3.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P4	--	P4	User Program			Test programs	See description	P4 Time value of money program, available to load from PROGRAMS/tvm/P4.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P5	--	P5	User Program			Test programs	See description	P5 Time value of money program, available to load from PROGRAMS/tvm/P5.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P5b	--	P5b	User Program			Test programs	See description	P5b Time value of money program, available to load from PROGRAMS/tvm/P5b.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P6	--	P6	User Program			Test programs	See description	P6 Time value of money program, available to load from PROGRAMS/tvm/P6.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P6b	--	P6b	User Program			Test programs	See description	P6b Time value of money program, available to load from PROGRAMS/tvm/P6b.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P7	--	P7	User Program			Test programs	See description	P7 Time value of money program, available to load from PROGRAMS/tvm/P7.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P8	--	P8	User Program			Test programs	See description	P8 Time value of money program, available to load from PROGRAMS/tvm/P8.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
P9	--	P9	User Program			Test programs	See description	P9 Time value of money program, available to load from PROGRAMS/tvm/P9.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/ANB012_C47_R47_IM_TVM.pdf)
Pa→atm	--	Pa to atm	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] fF2	Convert Pascal to atmosphere (TI : atm) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
Pa→bar	--	Pa to bar	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] gF2	Convert Pascal to bar (TI : bar :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
Pa→inHg	--	Pa to inHg	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] F4	Convert Pascal to inch of Mercury (TI : inHg :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
Pa→lbf/ft ²	--	Pa to lbf/ft ²	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [PLoads.1] F2	Convert Pascal to pound force per square foot (TI : lbf/ft ² :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLoads_page_1.pdf
Pa→mmHg	--	Pa to mmHg	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] F2	Convert Pascal to millimetre of Mercury (TI : mmHg :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf
Pa→psi	--	Pa to psi	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] fF4	Convert Pascal to pound force per square inch (TI : psi :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F-and-p_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Pa→psi	--	Pa to psi	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [MatPrp..1] F2	Convert Pascal to pound force per square inch (TI : psi) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf
Pa→psi	--	Pa to psi	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [PLoads..1] F4	Convert Pascal to pound force per square inch (TI : psi) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PLoads_page_1.pdf
Pa→torr	--	Pa to torr	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&P..1] F9	Convert Pascal to torr (TI : torr) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_F-and-p_page_1.pdf
Pall	--	Pall	User Program			Test programs	See description	Pall Time value of money program, available to load from PROGRAMS/tvm/Pall.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/AN012_C47_R47_JM_TVM.pdf)
ParabF	ParabF ▢	Parabolic fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] fF3	Set <BestF> to include Parabolic curve fitting : $y = a_0 + a_1x + a_2x^2$; deselects OrthoF (Info : Adda B4 to <BestF> ; TI : L.R. selected to <BestF>.) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MODEL_page_1.pdf
[Pareto:]	Pareto:	Pareto distribution	MENU			Probability (real)	Menu [DISTR.1] fF4	Pareto probability distribution (continuous) -- see https://en.wikipedia.org/wiki/Pareto_distribution#Pareto_types_I-IV (TI : RegM = $\mu =$; RegS = $\sigma =$; RegQ = $\alpha =$) [https://en.wikipedia.org/wiki/Pareto_distribution#Pareto_types_I-IV] Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_DISTR_page_1.pdf
[Pareto:]	Pareto:	Pareto distribution	MENU			Probability (real)	Catalog CAT.MENU Pareto:	Pareto probability distribution (continuous) -- see https://en.wikipedia.org/wiki/Pareto_distribution#Pareto_types_I-IV (TI : RegM = $\mu =$; RegS = $\sigma =$; RegQ = $\alpha =$) [https://en.wikipedia.org/wiki/Pareto_distribution#Pareto_types_I-IV] Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
PAUSE	PAUSE	Pause	Command (PEM)			Programming	Menu [P.FN1.1] F4	Pause program for number of ticks ; range is nn in [0, 99], one tick is 100 ms ; special case : nn = 99 results in sleep mode (TAM : PAUSE ... TamNonReg menu) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN1_page_1.pdf
pc→m	--	pc to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length..1] F5	Convert parsec to metre (TI : m) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Length_page_1.pdf
PER.	IPER. ○	IP separator period	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] F1 (Also) reached from MENU (item, nonpgm) IPART_	Set integer part separator to period Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_IPART_page_1.pdf
PER.	FPER. ○	FP separator period	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] F1 (Also) reached from MENU (item, nonpgm) FPART_	Set fractional part separator to period Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FPART_page_1.pdf
PER.	RPER. ●	Radix period	Setting (pgm)	ON	<no annunciator>	Display	Menu [RADIX.1] F1 (Also) reached from MENU (item, nonpgm) RADIX_	Radix decimal period Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_RADIX_page_1.pdf
PERM	PERM	Permutations	Function (dyadic)			Probability	Menu [FCNS.3] F1	Permutations of X out of Y Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_3.pdf
PFN.R	--	P.FN menu reset	Command			Cleanup	Menu [RESETS.1] F4	Reset all P.FN user assignments (and open menu) (TI : P.FN menu reset to default) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_RESETS_page_1.pdf
PFN.R	--	P.FN menu reset	Command			Cleanup	Menu [P.FN3.1] gF6	Reset all P.FN user assignments (and open menu) (TI : P.FN menu reset to default) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN3_page_1.pdf
PFX.All	--	Show all SI prefixes	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.3] gF6 (Also) reached from MENU (item, nonpgm) CFL6	SET for showing full range of SI prefixes in UNIT display mode ; CLEAR for showing limited range of SI prefixes in UNIT display mode (Info : Full range is 10^{-30} to 10^{30} ; limited range is 10^{-15} to 10^{15} ; not applicable when flag 1024 ^h is SET ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_UNIT_prefix.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_SYS-FL_page_3.pdf
PFX.All	--	Show all SI prefixes	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL).3] gF6	SET for showing full range of SI prefixes in UNIT display mode ; CLEAR for showing limited range of SI prefixes in UNIT display mode (Info : Full range is 10^{-30} to 10^{30} ; limited range is 10^{-15} to 10^{15} ; not applicable when flag 1024 ^h is SET ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_UNIT_prefix.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CFL6_page_3.pdf
PGMDRV	PGMDRV	Specify RPN program for f', f''	Command	0		RPN Calculus and plotting	Menu [ADV.1] fF6	In Program Entry Mode, specify the RPN program (with MVAR variables) to be used as the function to be differentiated, store values in variable(s), then activate f' or f'' and specify variable to differentiate for and step size (TAM : PGMDRV ... TamLbOnly menu) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ADV_page_1.pdf
PGMINT	PGMINT	Specify RPN program for f d	Command		<no annunciator>	RPN Calculus and plotting	Menu [ADV.1] fF4	In Program Entry Mode, specify the RPN program (with MVAR variables) to be used as the expression, store values in variable(s), then open menu f d and select integrator and variable to be integrated for, integrator limits set from stack (Y, X) (TAM : PGMINT ... TamLbOnly menu ; Info : PGMINT can nest PGMINT inside : nesting is limited to 3, respectively 4 levels, on new models and simulator, but nesting is limited to 2 levels on DM2 hardware ; Error 66 -- Nesting too deep -- may be raised) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ADV_page_1.pdf
PGMPLT	PGMPLT	Specify RPN program for PLT f	Command			RPN Calculus and plotting	Menu [ADV.1] fF3	In Program Entry Mode, specify the RPN program (with MVAR variables) to be used as the function to be plotted, store values in variable(s), then activate PLT f and specify variable to plot for, X-axis limits set from stack (Y, X) (TAM : PGMPLT ... TamLbOnly menu ; Info : PGMPLT can nest PGMINT and PGMSLV inside : nesting is limited to 3, respectively 4 levels, on new models and simulator, but plot nesting is disabled on DM2 hardware ; Error 66 -- Nesting too deep -- may be raised ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ADV_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
PGMSLV	PGMSLV	Specify RPN program for SOLVE	Command		<no annunciator>	RPN Calculus and plotting	Menu [ADV.1]fF5	In Program Entry Mode, specify the RPN program (with MVAR variables) to be used as the expression ($= 0$), store values in variable(s), then call SOLVE and specify variable to be solved for, solver estimates set from stack (Y, X); tolerance set by SDIGS, but the solver converges to graph precision while (nested inside) plotting (TAM : PGMSLV __ TamblOnly menu; Info : PGMSLV can nest PGMINT and PGMSLV inside : nesting is limited to 3, respectively 4 levels, on new models and simulator, but nesting is limited to 2 levels on DM92 hardware; Error 66 -- Nesting too deep -- may be raised; when SDIGS is set to the maximum value of 3%, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_ADV_page_1.pdf
PICTURE	--	PICTURE	User Program			Test programs	Menu [PROGS.2]fF1 (Also) reached from MENU (TAM, ASM) PROG	PICTURE test program, available to load from PROGRAMS/ALLPGMS/PICTURE.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PROGS_page_2.pdf
PICTURE	--	PICTURE	User Program			Test programs	Menu [PROG (PROGS).2]fF1	PICTURE test program, available to load from PROGRAMS/ALLPGMS/PICTURE.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PROG_page_2.pdf
pint _{UK} →mℓ	--	pint _{UK} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.1]gF3	Convert UK imperial pint to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Chef_page_1.pdf
pint _{US} →mℓ	--	pint _{US} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.2]gF3	Convert US liquid pint to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Chef_page_2.pdf
PIXEL	PIXEL	Display pixel or thin line	Command (PEM)			Programming	Menu [P.FN1.1]gF1	Display one pixel at (X, Y) or draw a thin horizontal or vertical line at the (absolute) value of one or both negative coordinates; this is a Program Entry Mode command; use CLLD to clear LCD and PAUSE to pause program for number of ticks in order to view graphic (Info : Range is X in [0, 399] and Y in [0, 239] (400 x 240 display, where (0, 0) is bottom left); -0 is accepted as a valid negative input for line drawing) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_P-FN1_page_1.pdf
PLAY	PLAY	Play (BUZZ) sounds	Command (HW)			Input-Output	Menu [AUDIO.1]F4	Play (BUZZ) sounds using input from n×3 or n×2 matrix variable having rows : [frequency, duration, volume] (Hz, ms, volume element is optional); hardware only (TAM : PLAY __ TamLabel menu; Info : Error 128 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_AUDIO_page_1.pdf
PLbox	--	Box markers	Flag	SET	<no annunciator>	Plotting	Menu [SYS.FL.4]F1 (Also) reached from MENU (item, nonpgm) CFLG	SET for box markers; CLEAR for box markers inactive (Info : If PLbox is SET, PLcross and PLplus are CLEARed; PLine is SET when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_4.pdf
PLbox	--	Box markers	Flag	SET	<no annunciator>	Plotting	Menu [CFLG (SYS.FL).4]F1	SET for box markers; CLEAR for box markers inactive (Info : If PLbox is SET, PLcross and PLplus are CLEARed; PLine is SET when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFLG_page_4.pdf
PLcross	--	Cross markers	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]F2 (Also) reached from MENU (item, nonpgm) CFLG	SET for cross markers; CLEAR for cross markers inactive (Info : If PLcross is SET, PLbox and PLplus are CLEARed; PLine is SET when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_4.pdf
PLcross	--	Cross markers	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFLG (SYS.FL).4]F2	SET for cross markers; CLEAR for cross markers inactive (Info : If PLcross is SET, PLbox and PLplus are CLEARed; PLine is SET when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFLG_page_4.pdf
PLcurve	--	[future] Curve smoothing	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]F3 (Also) reached from MENU (item, nonpgm) CFLG	SET for [future] curve smoothing; CLEAR for [future] curve smoothing inactive (Info : Reserved for future use) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_4.pdf
PLcurve	--	[future] Curve smoothing	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFLG (SYS.FL).4]F3	SET for [future] curve smoothing; CLEAR for [future] curve smoothing inactive (Info : Reserved for future use) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFLG_page_4.pdf
PLcxp	--	Complex plot	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]F4 (Also) reached from MENU (item, nonpgm) CFLG	SET for Complex plot; CLEAR for Complex plot inactive (Info : PLcxp and PLimp are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_4.pdf
PLcxp	--	Complex plot	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFLG (SYS.FL).4]F4	SET for Complex plot; CLEAR for Complex plot inactive (Info : PLcxp and PLimp are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFLG_page_4.pdf
PLdiff	--	Add differential curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]F5 (Also) reached from MENU (item, nonpgm) CFLG	SET for adding the graphical point-to-point differential of the main graph; CLEAR for not adding the differential curve (Info : Δ Numerical slope is displayed) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_4.pdf
PLdiff	--	Add differential curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFLG (SYS.FL).4]F5	SET for adding the graphical point-to-point differential of the main graph; CLEAR for not adding the differential curve (Info : Δ Numerical slope is displayed) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFLG_page_4.pdf
PLimp	--	Plot imaginary part	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]F6 (Also) reached from MENU (item, nonpgm) CFLG	SET for plotting imaginary part; CLEAR for plotting real part (Info : PLimp and PLcxp are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
PLimp	--	Plot imaginary part	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL),4] f6	SET for plotting imaginary part; CLEAR for plotting real part (Info : PLimp and PLcxp are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PLIntg	--	Add integral curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL,4] fF1 (Also) reached from MENU (item, nonpgm) CFL6	SET for adding the graphical integral curve, calculated from the point-to-point discrete integral; CLEAR for not adding the integral curve (Info : Vertical placement of the integral is at RMS of the graph points ; $\int$ Trapezoid integral is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLIntg	--	Add integral curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL),4] fF1	SET for adding the graphical integral curve, calculated from the point-to-point discrete integral; CLEAR for not adding the integral curve (Info : Vertical placement of the integral is at RMS of the graph points ; $\int$ Trapezoid integral is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PLline	--	Draw line	Flag	SET	<no annunciator>	Plotting	Menu [SYS.FL,4] fF2 (Also) reached from MENU (item, nonpgm) CFL6	SET for connecting graph points using line segments; CLEAR for not connecting graph points using line segments (Info : If PLline is CLEARed, PLbox may be SET if necessary (when no curve markers are selected)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLline	--	Draw line	Flag	SET	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL),4] fF2	SET for connecting graph points using line segments; CLEAR for not connecting graph points using line segments (Info : If PLline is CLEARed, PLbox may be SET if necessary (when no curve markers are selected)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PLnvec	--	Clockwise vectors	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL,4] fF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for clockwise vectors; CLEAR for clockwise vectors inactive (Info : Treat coordinate pairs as navigation vectors, clockwise from the positive y-axis as reference ; PLnvec and PLvec are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLnvec	--	Clockwise vectors	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL),4] fF3	SET for clockwise vectors; CLEAR for clockwise vectors inactive (Info : Treat coordinate pairs as navigation vectors, clockwise from the positive y-axis as reference ; PLnvec and PLvec are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
[PLoads:]	PLoads:	Pressure loads conversions	MENU			Pressure conversions	Catalog CAT.MENU PLoads:	Convert between units of pressure loads ; typical loads presented as pressures (Info : Flag CONV μ may be SET for <to> μ <to> unit conversion buttons; CLEAR for <from> μ <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLoads_page_1.pdf
[PLoads:]	PLoads:	Pressure loads conversions	MENU			Pressure conversions	Menu [PLoads:,1] gF2	Convert between units of pressure loads ; typical loads presented as pressures (Info : Flag CONV μ may be SET for <to> μ <to> unit conversion buttons; CLEAR for <from> μ <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLoads_page_1.pdf
[PLoads:]	PLoads:	Pressure loads conversions	MENU			Pressure conversions	Menu [Struct:,1] F5	Convert between units of pressure loads ; typical loads presented as pressures (Info : Flag CONV μ may be SET for <to> μ <to> unit conversion buttons; CLEAR for <from> μ <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Struct_page_1.pdf
[PLOT]	PLOT	Plotting	MENU			Plotting and summation	Menu [BLUE7.3] gF5	Plotting and summation functions (Info : When SDIGS is set to the maximum value of 3%, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_3.pdf
[PLOT]	PLOT	Plotting	MENU			Plotting and summation	Keyboard g[-]	Plotting and summation functions (Info : When SDIGS is set to the maximum value of 3%, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Keyboard/Rous/R47v0_Menu_KeyBoard_row_5.pdf
[PLOT]	PLOT	Plotting	MENU			Plotting and summation	Catalog CAT.MENU PLOT	Plotting and summation functions (Info : When SDIGS is set to the maximum value of 3%, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_1.pdf
PLplus	--	Plus markers	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL,4] fF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for plus markers; CLEAR for plus markers inactive (Info : If PLplus is SET, PLbox and PLcross are CLEARed ; PLline is SET when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLplus	--	Plus markers	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL),4] fF4	SET for plus markers; CLEAR for plus markers inactive (Info : If PLplus is SET, PLbox and PLcross are CLEARed ; PLline is SET when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PLrms	--	Add RMS curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL,4] fF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for adding the graphical root mean square curve, accumulated from left to right; CLEAR for not adding the RMS curve (Info : ■ Root mean square RMS is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLrms	--	Add RMS curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL),4] fF5	SET for adding the graphical root mean square curve, accumulated from left to right; CLEAR for not adding the RMS curve (Info : ■ Root mean square RMS is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
PLshad	--	Shade curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4] fF6 (Also) reached from MENU (item, nonpgm) CFLG	SET for shading the trapezoid integral from the graph points; CLEAR for not shading the curve (Info : J0 Trapezoid integral is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLshad	--	Shade curve	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFLG (SYS.FL.4) fF6	SET for shading the trapezoid integral from the graph points; CLEAR for not shading the curve (Info : J0 Trapezoid integral is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_4.pdf
[PLSTAT]	PLSTAT	Plot statistics	MENU (item)			Plotting and statistics	Menu [PLOT.1] gF4	Plot statistics matrix (STATS, programmable) (TI : Calculating graph coordinates ... may be shown when plotting the statistics matrix ; Info : in Program Entry Mode, use PAUSE, SNAP or PLTFCONS to view the plot (PLTFCONS also displays the plot options menu) ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS ; Ref : https://n7calc.com/doc/Application%20Notes/AN0003_Cv7_IM_Graphing.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_1.pdf
[PLSTAT]	PLSTAT	Plot statistics	MENU (item)			Plotting and statistics	Menu [STOPW.1] fF1	Plot statistics matrix (STATS, programmable) (TI : Calculating graph coordinates ... may be shown when plotting the statistics matrix ; Info : in Program Entry Mode, use PAUSE, SNAP or PLTFCONS to view the plot (PLTFCONS also displays the plot options menu) ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS ; Ref : https://n7calc.com/doc/Application%20Notes/AN0003_Cv7_IM_Graphing.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
[PLT f]	PLT f	Plot (RPN)	MENU (item)			RPN Calculus and plotting	Menu [ADV.1] F3	Plot the RPN program (with MVAR variables) selected with TamLbOnly menu ; presents menu for variable selection ; in Program Entry Mode, the RPN program must be specified by POPPLT and the variable to plot for using the TamVarOnly menu (TAM : PLT f ... TamLbOnly menu (uses TamVarOnly menu in PEM, to specify variable to plot for) ; Info : in Program Entry Mode, use PAUSE, SNAP or PLTFCONS to view the plot ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
[PLTFCONS]	PLTFCONS	Plot functions	MENU (item)			Plotting	Menu [P.FN1.1] gF6	Plot functions (programmable), displaying graph, value/tick, lower left and upper right coordinate and additional info according to settings ; displays plot options menu (Info : Please note that this item is in development -- Error 59 : Undefined menu name -- may be raised ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
PLTRST	PLTRST	Reset plot	Command (PEM)			Plotting	Menu [P.FN1.1] gF5	Reset all plot options and redraw graph (Info : Resets options for lines, boxes, crosses, plusses and scaling ; PLTRST also resets 4Y and 4Y to zero) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
PLTRST	PLTRST	Reset plot	Command (PEM)			Plotting	Menu [Draw ^o (PLFUNC).1] fF2	Reset all plot options and redraw graph (Info : Resets options for lines, boxes, crosses, plusses and scaling ; PLTRST also resets 4Y and 4Y to zero) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_1.pdf
PLTRST	PLTRST	Reset plot	Command (PEM)			Plotting	Menu [Draw (PLFUNC).1] fF2	Reset all plot options and redraw graph (Info : Resets options for lines, boxes, crosses, plusses and scaling ; PLTRST also resets 4Y and 4Y to zero) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_1.pdf
PLTRST	PLTRST	Reset plot	Command (PEM)			Plotting	Menu [PLSTAT.1] fF2	Reset all plot options and redraw graph (Info : Resets options for lines, boxes, crosses, plusses and scaling ; PLTRST also resets 4Y and 4Y to zero) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_1.pdf
PLTRST	PLTRST	Reset plot	Command (PEM)			Plotting	Menu [PLTFCONS (PLFUNC).1] fF2	Reset all plot options and redraw graph (Info : Resets options for lines, boxes, crosses, plusses and scaling ; PLTRST also resets 4Y and 4Y to zero) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCONS_page_1.pdf
PLUS	--	Plus markers	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ^o (PLFUNC).3] F2	Switch on plus markers ; not programmable - in PEM, use flag PLPlus (Info : If PLUS is switched ON, BOX and CROSS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_3.pdf
PLUS	--	Plus markers	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).3] F2	Switch on plus markers ; not programmable - in PEM, use flag PLPlus (Info : If PLUS is switched ON, BOX and CROSS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_3.pdf
PLUS	--	Plus markers	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.2] F2	Switch on plus markers ; not programmable - in PEM, use flag PLPlus (Info : If PLUS is switched ON, BOX and CROSS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_2.pdf
PLUS	--	Plus markers	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCONS (PLFUNC).3] F2	Switch on plus markers ; not programmable - in PEM, use flag PLPlus (Info : If PLUS is switched ON, BOX and CROSS are switched OFF ; LINE is switched ON when all three curve markers are deselected) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCONS_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
PLvec	--	Anti-clockwise vectors	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]gF1 (Also) reached from MENU (item, nonpgm) CFL6	SET for anti-clockwise vectors; CLEAR for anti-clockwise vectors inactive (Info : Treat coordinate pairs as vectors, anti-clockwise from the positive x-axis as reference ; PLvec and PLnvec are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLvec	--	Anti-clockwise vectors	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL.4)]gF1	SET for anti-clockwise vectors; CLEAR for anti-clockwise vectors inactive (Info : Treat coordinate pairs as vectors, anti-clockwise from the positive x-axis as reference ; PLvec and PLnvec are linked (both cannot be SET at the same time)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PLx.ax	--	Autoscaling to show x-axis	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]gF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for autoscaling to show x-axis; CLEAR for not autoscaling to show x-axis Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLx.ax	--	Autoscaling to show x-axis	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL.4)]gF3	SET for autoscaling to show x-axis; CLEAR for not autoscaling to show x-axis Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PLxy:1	--	Forcing autoscale	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]gF2 (Also) reached from MENU (item, nonpgm) CFL6	SET for forcing autoscale on x- and y-axis to be the same; CLEAR for not forcing autoscale on x- and y-axis to be the same Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLxy:1	--	Forcing autoscale	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL.4)]gF2	SET for forcing autoscale on x- and y-axis to be the same; CLEAR for not forcing autoscale on x- and y-axis to be the same Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PLy.ax	--	Autoscaling to show y-axis	Flag	CLEAR	<no annunciator>	Plotting	Menu [SYS.FL.4]gF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for autoscaling to show y-axis; CLEAR for not autoscaling to show y-axis Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
PLy.ax	--	Autoscaling to show y-axis	Flag	CLEAR	<no annunciator>	Plotting	Menu [CFL6 (SYS.FL.4)]gF4	SET for autoscaling to show y-axis; CLEAR for not autoscaling to show y-axis Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
PMT	PMT	TVM payment	Variable (real)	0		Financial	Menu [ALL.1]fF5 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the TVM payment (PMT) ; displays as P _m or P in menu TVM when value is large (TI : PMT = Payment =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVAR_page_1.pdf
PMT	PMT	TVM payment	Variable (real)	0		Financial	Menu [VAR (ALL.1)]fF5	Reserved Real variable for the TVM payment (PMT) ; displays as P _m or P in menu TVM when value is large (TI : PMT = Payment =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
PMT	PMT	TVM payment	Variable (real)	0		Financial	Menu [REALS.1]fF8	Reserved Real variable for the TVM payment (PMT) ; displays as P _m or P in menu TVM when value is large (TI : PMT = Payment =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
PMT	PMT	TVM payment	Variable (real)	0		Financial	Menu [NUMBRS.1]fF1	Reserved Real variable for the TVM payment (PMT) ; displays as P _m or P in menu TVM when value is large (TI : PMT = Payment =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
PMT	PMT	TVM payment	Variable (real)	0		Financial	Menu [TVM.1]fF4	Reserved Real variable for the TVM payment (PMT) ; displays as P _m or P in menu TVM when value is large (TI : PMT = Payment =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
PMT	--	TVM payment	EasyAccess (TAM)	0		Trailing input	Menu [TamRclTVM.1]fF4	Easy access to variable PMT to recall TVM payment (RCL 'PMT') (TI : 'PMT' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
PMT	--	TVM payment	EasyAccess (TAM)	0		Trailing input	Menu [TamStoTVM.1]fF4	Easy access to variable PMT to store TVM payment (STO 'PMT') (TI : 'PMT' :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf
POINT	POINT	Display point or thick line	Command (PEM)			Programming	Menu [P.FN1.1]gF2	Display 9 (3x3) pixels around (X, Y) or draw a thick horizontal or vertical line at the (absolute) value of one or both negative coordinates ; this is a Program Entry Mode command ; use CLLCD to clear LCD and PAUSE to pause program for number of ticks in order to view graphic (Info : Range is X in [0, 399] and Y in [0, 239] (480 x 240 display, where (0, 0) is bottom left) ; -0. is accepted as a valid negative input for line drawing) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
point→mm	--	point to mm	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.3]fF5	Convert point to millimetre (TI : mm) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_3.pdf
[Poiss:]	Poiss:	Poisson distribution	MENU			Probability (int)	Menu [DISTR.1]gF5	Poisson probability distribution (discrete) -- see https://en.wikipedia.org/wiki/Poisson_distribution#Definitions (TI : RegR = λ =) [https://en.wikipedia.org/wiki/Poisson_distribution#Definitions] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[Poiss:]	Poiss:	Poisson distribution	MENU			Probability (int)	Catalog CAT.MENU Poiss:	Poisson probability distribution (discrete) -- see https://en.wikipedia.org/wiki/Poisson_distribution#Definitions (TI : RegR = λ =) [https://en.wikipedia.org/wiki/Poisson_distribution#Definitions] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Poiss_page_1.pdf
Poiss _p	Poiss _p	Poisson pmf	Function (monadic)			Probability (int)	Menu [Poiss.1]fF1	Poisson probability mass function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Poiss_page_1.pdf
Poiss _Δ	Poiss _Δ	Poisson cdf (lower)	Function (monadic)			Probability (int)	Menu [Poiss.1]fF3	Poisson cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Poiss_page_1.pdf
Poiss _Δ	Poiss _Δ	Poisson cdf (upper)	Function (monadic)			Probability (int)	Menu [Poiss.1]fF4	Poisson cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Poiss_page_1.pdf
Poiss ⁻¹	Poiss ⁻¹	Poisson qf (inverse)	Function (monadic)			Probability (int)	Menu [Poiss.1]fF8	Poisson inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Poiss_page_1.pdf
POLAR	POLAR O	Polar notation	Setting (pgm)	OFF	⊙	Complex and coordinates	Menu [CPX.1]gF5	Switch on polar notation (Info : SBI L ; ⊙ is shown if flag SBcp is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
POLAR	POLAR ○	Polar notation	Setting (pgm)	OFF	⊙	Complex and coordinates	Menu [ELEC.1]gF8	Switch on polar notation (Info : SBI L ; ⊙ is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
POLAR	POLAR ○	Polar notation	Setting (pgm)	OFF	⊙	Complex and coordinates	Menu [MODE.1]F8	Switch on polar notation (Info : SBI L ; ⊙ is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
POLAR	POLAR ○	Polar notation	Setting (pgm)	OFF	⊙	Complex and coordinates	Menu [MODE.2]F8	Switch on polar notation (Info : SBI L ; ⊙ is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_2.pdf
POLAR	POLAR ○	Polar notation	Setting (pgm)	OFF	⊙	Complex and coordinates	Menu [HOME.1]gF6	Switch on polar notation (Info : SBI L ; ⊙ is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
POLAR	--	Polar notation	Flag	CLEAR	L ; ⊙	Complex and coordinates	Menu [SYS.FL.4]gF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for polar notation ; CLEAR for rectangular notation (Info : SBI L ; ⊙ is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_4.pdf
POLAR	--	Polar notation	Flag	CLEAR	L ; ⊙	Complex and coordinates	Menu [CFL6 (SYS.FL).4]gF5	SET for polar notation ; CLEAR for rectangular notation (Info : SBI L ; ⊙ is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_4.pdf
Poly4	--	Polynomial 4th degree	Function (monadic)			Mathematics	Menu [NEW (EQ_EDIT).3]F2	Create polynomial : $a4 \times x^4 + a3 \times x^3 + a2 \times x^2 + a1 \times x + a0$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_3.pdf
Poly4	--	Polynomial 4th degree	Function (monadic)			Mathematics	Menu [EDIT (EQ_EDIT).3]F2	Create polynomial : $a4 \times x^4 + a3 \times x^3 + a2 \times x^2 + a1 \times x + a0$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_3.pdf
PopLR	PopLR	Pop local registers	Command (PEM)			Programming	Menu [P.FN2.1]fF2	Pop local registers (no return to calling routine) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
[Power:]	Power:	Power conversions	MENU		<no annunciator>	Power conversions	Menu [CONV.1]fF1	Convert between units of power (Info : Flag CONV _W may be SET for <to> ←> <to> unit conversion buttons ; CLEAR for <from> → ← <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Power:]	Power:	Power conversions	MENU		<no annunciator>	Power conversions	Catalog CAT.MENUS Power:	Convert between units of power (Info : Flag CONV _W may be SET for <to> ←> <to> unit conversion buttons ; CLEAR for <from> → ← <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Power_page_1.pdf
PowerF	PowerF □	Power fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1]F4	Set <BestF> to include Power curve fitting : $y = a_0 \times a_1$; deselects OrthoF (Info : Adds 8 to <BestF> ; TI : L.R. selected to <BestF>.) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODEL_page_1.pdf
pp/a	PPER/a	TVM payment period	Variable (real)	12		Financial	Menu [TVM.1]F6	Reserved Real variable for the TVM payment period per annum (pp/a) ; displays as p_a or p in menu TVM when value ≠ 0 (TI : PPER/a = Pay periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
pp/a	--	TVM payment period	EasyAccess (TAM)	12		Trailing input	Menu [TamRclTVM.1]F6	Easy access to variable PPER/a to recall TVM payment period (RCL 'PPER/a') (TI : 'PPER/a') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
pp/a	--	TVM payment period	EasyAccess (TAM)	12		Trailing input	Menu [TamStoTVM.1]F6	Easy access to variable PPER/a to store TVM payment period (STO 'PPER/a') (TI : 'PPER/a') Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf
PPER/a	PPER/a	TVM payment period	Variable (real)	12		Financial	Menu [ALL.1]fF6 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the TVM payment period per annum (pp/a) ; displays as p_a or p in menu TVM when value ≠ 0 (TI : PPER/a = Pay periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
PPER/a	PPER/a	TVM payment period	Variable (real)	12		Financial	Menu [VAR (ALL).1]fF6	Reserved Real variable for the TVM payment period per annum (pp/a) ; displays as p_a or p in menu TVM when value ≠ 0 (TI : PPER/a = Pay periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
PPER/a	PPER/a	TVM payment period	Variable (real)	12		Financial	Menu [REALS.1]fF1	Reserved Real variable for the TVM payment period per annum (pp/a) ; displays as p_a or p in menu TVM when value ≠ 0 (TI : PPER/a = Pay periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
PPER/a	PPER/a	TVM payment period	Variable (real)	12		Financial	Menu [NUMBRS.1]fF2	Reserved Real variable for the TVM payment period per annum (pp/a) ; displays as p_a or p in menu TVM when value ≠ 0 (TI : PPER/a = Pay periods p.a. =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NUMBRS_page_1.pdf
[PREF]	PREF	Preferences	MENU			System	Keyboard f[1]	System preferences ; replaces MODE (Info : PREF replaces Ch7 menu MODE ; Ref : https://n7calc.com/doc/Application%20Notes/AN0028_Ch7_R47_JM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
[PREF]	PREF	Preferences	MENU			System	Catalog CAT.MENUS PREF	System preferences ; replaces MODE (Info : PREF replaces Ch7 menu MODE ; Ref : https://n7calc.com/doc/Application%20Notes/AN0028_Ch7_R47_JM_Configurability_Tour.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_1.pdf
[PFx]	Prefix	Prefixes (UNIT)	MENU			Numeric input	Catalog CAT.MENUS Prefix	Prefixes for UNIT mode Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Prefix_page_1.pdf
[PFx]	Prefix	Prefixes (UNIT)	MENU			Numeric input	Keyboard f[EEX]	Prefixes for UNIT mode Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
PRGM	--	Programming	Command			Programming	Keyboard f[R/S]	Enter Program Entry Mode (PEM) and activate menu P.FN (Info : Program Entry Mode starts in UPPERcase) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
Prime	--	Prime	User Program			Test programs	Menu [PROGS.2]fF2 (Also) reached from MENU (TAM, ASM) PROG	Prime test program, available to load from PROGRAMS/ALLPGMS/Prime.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Prime	--	Prime	User Program			Test programs	Menu [PROG (PROGS).2] fF2	Prime test program, available to load from PROGRAMS/ALLPGMS/Prime.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
PRIME?	PRIME?	Primality test	Command (logical)			Programming	Menu [TEST.1] fF4	Test X is a prime number (must be integer) -- see https://en.wikipedia.org/wiki/Miller%E2%80%93Rabin_primality_test (Info : Miller-Rabin probabilistic primality test is used (25 repetitions) ; PRIME? is correct up to 3 317 044 064 679 887 385 961 880 ; above that limit there are no false negatives, but there is a very low probability of false positives (albeit no known cases)) [https://en.wikipedia.org/wiki/Miller%E2%80%93Rabin_primality_test] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
PRIME?	PRIME?	Primality test	Command (logical)			Programming	Menu [X.FN.1] F2	Test X is a prime number (must be integer) -- see https://en.wikipedia.org/wiki/Miller%E2%80%93Rabin_primality_test (Info : Miller-Rabin probabilistic primality test is used (25 repetitions) ; PRIME? is correct up to 3 317 044 064 679 887 385 961 880 ; above that limit there are no false negatives, but there is a very low probability of false positives (albeit no known cases)) [https://en.wikipedia.org/wiki/Miller%E2%80%93Rabin_primality_test] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
[PRINT]	PRINT	Printing	MENU			Printing	Menu [I/O.1] fF8	Printing functions (Info : Printing is available for new models and simulator, but is currently available on DM2 hardware only in some packages ; Ref : https://n7calc.com/doc/Application%20Notes/AN0021_C47_R47_DL_Printing.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_1.pdf
[PRINT]	PRINT	Printing	MENU			Printing	Catalog CAT.MENUS PRINT	Printing functions (Info : Printing is available for new models and simulator, but is currently available on DM2 hardware only in some packages ; Ref : https://n7calc.com/doc/Application%20Notes/AN0021_C47_R47_DL_Printing.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PRINT_page_1.pdf
PRNTR	PRNTR	Print port active	Setting	OFF	<no annunciator>	Printing	Catalog CAT.FCNS PRNTR	Switch on infrared print port active ; not programmable Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
[PROB]	PROB	Probability	MENU			Probability	Keyboard f[-]	Probability functions Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
[PROB]	PROB	Probability	MENU			Probability	Catalog CAT.MENUS PROB	Probability functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROB_page_1.pdf
PROD	--	PROD	User Program			Test programs	Menu [PROGS.2] fF3 (Also) reached from MENU (TAM, ASM) PROG	PROD test program, available to load from PROGRAMS/ALLPGMS/PROD.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
PROD	--	PROD	User Program			Test programs	Menu [PROG (PROGS).2] fF3	PROD test program, available to load from PROGRAMS/ALLPGMS/PROD.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
[PROG]	PROG	TAM (program)	MENU (TAM, ASM)			Trailing input	Menu [TamLabel.1] F2	Presented in TAM menus for commands accessing global or local named labels (TAM : CAT.PROGS.* menu ; Info : Type characters 1-2 to search ; open menu PROG e.g. from button : on [TamLabel.1] F3 to activate menu TamLocalLabel, then menu PROG, to find local labels (if in scope)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLabel_page_1.pdf
[PROG]	PROG	TAM (program)	MENU (TAM, ASM)			Trailing input	Catalog CAT.MENUS PROG	Presented in TAM menus for commands accessing global or local named labels (TAM : CAT.PROGS.* menu ; Info : Type characters 1-2 to search ; open menu PROG e.g. from button : on [TamLabel.1] F3 to activate menu TamLocalLabel, then menu PROG, to find local labels (if in scope)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_1.pdf
[PROG]	PROG	TAM (program)	MENU (TAM, ASM)			Trailing input	Menu [TamLbOnly.1] F2	Presented in TAM menus for commands accessing global or local named labels (TAM : CAT.PROGS.* menu ; Info : Type characters 1-2 to search ; open menu PROG e.g. from button : on [TamLabel.1] F3 to activate menu TamLocalLabel, then menu PROG, to find local labels (if in scope)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLbOnly_page_1.pdf
[PROG]	PROG	TAM (program)	MENU (TAM, ASM)			Trailing input	Menu [TamLocalLabel.1] F2	Presented in TAM menus for commands accessing global or local named labels (TAM : CAT.PROGS.* menu ; Info : Type characters 1-2 to search ; open menu PROG e.g. from button : on [TamLabel.1] F3 to activate menu TamLocalLabel, then menu PROG, to find local labels (if in scope)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamLocalLabel_page_1.pdf
[PROGS]	PROGS	Programs	MENU (ASM)			Catalog	Menu [CAT.1] F4	Auto-generated catalog of programs Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_page_1.pdf
[PROGS]	PROGS	Programs	MENU (ASM)			Catalog	Catalog CAT.MENUS PROGS	Auto-generated catalog of programs Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_1.pdf
[PROGS]	PROGS	Programs	MENU (ASM)			Catalog	Menu [DELITM.1] F4	Auto-generated catalog of programs Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DELITM_page_1.pdf
PROMPT	PROMPT	Prompt	Command (PEM)			Programming	Menu [P.FN1.1] F3	Halt program execution and view the register or variable contents (text string) in the top left part of the screen, without TI (for use in Program Entry Mode) ; if the contents include the ϵ symbol, optionally display one or more TI's at the top, X, Y, Z line ; example: "top line = ϵ X = ϵ Y = ϵ Z = " (TAM : PROMPT ... Tam menu ; Info : if $\overline{DEN}$ is SET, PROMPT will print when executed from the keyboard in NORM or TRACE ; in Program Entry Mode, $\overline{DEN}$ must be SET as well) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
PROPF	PROPF	Proper fractions	Setting	ON	$\frac{a}{b}/\frac{c}{d} ; \frac{a}{b}/\frac{c}{d} ; [\pm]$; $\frac{a}{b}/\frac{c}{d} ; \frac{a}{b}/\frac{c}{d} ; [\pm]$	Fractions	Menu [DISP.1] fF3	Switch on proper fractions (mixed fractions) ; not programmable - in PEM, use flag PROPF Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
PROPF _R	--	Proper fractions	Flag	SET	$\frac{a}{b}/n ; \frac{b}{n} ; [+/-] ; \frac{a}{b}/c \times I ; \frac{b}{c} \times I ; [+/-]$	Fractions	Menu [SYS.FL.4]gF8 (Also) reached from MENU (item, nonpgm) CFL6	SET for proper fractions (mixed fractions); CLEAR for improper fractions Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_SYS-FL_page_4.pdf
PROPF _R	--	Proper fractions	Flag	SET	$\frac{a}{b}/n ; \frac{b}{n} ; [+/-] ; \frac{a}{b}/c \times I ; \frac{b}{c} \times I ; [+/-]$	Fractions	Menu [CFL6 (SYS.FL.4)]gF8	SET for proper fractions (mixed fractions); CLEAR for improper fractions Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CFL6_page_4.pdf
Prto _P	Prto _P	Pareto type I pdf	Function (monadic)			Probability (real)	Menu [Pareto:1]F1	Pareto type I probability density function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
Prto _Δ	Prto _Δ	Pareto type I cdf (lower)	Function (monadic)			Probability (real)	Menu [Pareto:1]F3	Pareto type I cumulative distribution (lower tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
Prto _Δ	Prto _Δ	Pareto type I cdf (upper)	Function (monadic)			Probability (real)	Menu [Pareto:1]F4	Pareto type I cumulative distribution (upper tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
Prto2 _P	Prto2 _P	Pareto type II pdf	Function (monadic)			Probability (real)	Menu [Pareto:1]fF1	Pareto type II probability density function Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
Prto2 _Δ	Prto2 _Δ	Pareto type II cdf (lower)	Function (monadic)			Probability (real)	Menu [Pareto:1]fF3	Pareto type II cumulative distribution (lower tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
Prto2 _Δ	Prto2 _Δ	Pareto type II cdf (upper)	Function (monadic)			Probability (real)	Menu [Pareto:1]fF4	Pareto type II cumulative distribution (upper tail) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
Prto2 ⁻¹	Prto2 ⁻¹	Pareto type II qf (inverse)	Function (monadic)			Probability (real)	Menu [Pareto:1]fF8	Pareto type II inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
Prto ⁻¹	Prto ⁻¹	Pareto type I qf (inverse)	Function (monadic)			Probability (real)	Menu [Pareto:1]F8	Pareto type I inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
psi→Pa	--	psi to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p:1]F3	Convert pound force per square inch to Pascal (TI : Pa) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_F-and-p_page_1.pdf
psi→Pa	--	psi to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [MatPrp:1]F1	Convert pound force per square inch to Pascal (TI : Pa) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MatPrp_page_1.pdf
psi→Pa	--	psi to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [PLoads:1]F3	Convert pound force per square inch to Pascal (TI : Pa) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLoads_page_1.pdf
PUTK	PUTK	Put keycode in buffer	Command (PEM)			Programming	Menu [P.FN1:1]fF6	Copy keycode from register to keyboard buffer for immediate execution (TAM : PUTK __ Tam menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN1_page_1.pdf
PUTM	MLPUTM	Put submatrix	Command			Matrix operations	Menu [MATX.3]gF1	Put submatrix in X into the indexed matrix starting at current element Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_3.pdf
PV	PV	TVM present value	Variable (real)	0		Financial	Menu [ALL:1]gF1 (Also) reached from MENU (ASM) VAR	Reserved Real variable for the TVM present value (PV); displays as P _v or P in menu TVM when value is large (TI : PV = Present Value =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ALLVARS_page_1.pdf
PV	PV	TVM present value	Variable (real)	0		Financial	Menu [VAR (ALL):1]gF1	Reserved Real variable for the TVM present value (PV); displays as P _v or P in menu TVM when value is large (TI : PV = Present Value =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VAR_page_1.pdf
PV	PV	TVM present value	Variable (real)	0		Financial	Menu [REALS:1]fF2	Reserved Real variable for the TVM present value (PV); displays as P _v or P in menu TVM when value is large (TI : PV = Present Value =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REALS_page_1.pdf
PV	PV	TVM present value	Variable (real)	0		Financial	Menu [NUMBRS:1]fF3	Reserved Real variable for the TVM present value (PV); displays as P _v or P in menu TVM when value is large (TI : PV = Present Value =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NUMBRS_page_1.pdf
PV	PV	TVM present value	Variable (real)	0		Financial	Menu [TVM:1]F3	Reserved Real variable for the TVM present value (PV); displays as P _v or P in menu TVM when value is large (TI : PV = Present Value =) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TVM_page_1.pdf
PV	--	TVM present value	EasyAccess (TAM)	0		Trailing input	Menu [TamRclTVM:1]F3	Easy access to variable PV to recall TVM present value (RCL 'PV') (TI : 'PV') Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamRclTVM_page_1.pdf
PV	--	TVM present value	EasyAccess (TAM)	0		Trailing input	Menu [TamStoTVM:1]F3	Easy access to variable PV to store TVM present value (STO 'PV') (TI : 'PV') Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamStoTVM_page_1.pdf
pwr→dB	--	pwr to dB	Function (monadic, linked)		<no annunciator>	Fixed pair conversions	Menu [Misc:1]fF5	Convert power ratio to decibel (TI : dB) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Misc_page_1.pdf
Q	--	Q	Character			Characters	Keyboard alpha [:]	Character Q (Fontcode : 0B51 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
Q	--	Q	Character			Characters	Keyboard alphaSIM [q]	Character Q (Fontcode : 0B51 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
q	--	q	Character			Characters	Keyboard alpha f [:]	Character q (Fontcode : 0B71 ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
Q	--	Register Q	EasyAccess (TAM)			Trailing input	Menu [REG:1]F4	Easy access to Register Q (214) : General purpose register Q; also used to store distribution parameter : shape, 3rd integer (TI : Q) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_1.pdf
Q	--	Register Q	Register (lettered)			Lettered registers	See description	Register Q (214) : General purpose register Q; also used to store distribution parameter : shape, 3rd integer (Info : Reached from STO/RCL [REG:1]F4)
Q	--	Flag Q	EasyAccess (TAM)			Trailing input	Menu [FLG:1]F4	Easy access to Flag Q (214) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_1.pdf
Q	--	Flag Q	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag Q (214) (Info : Reached from FF [FLG:1]F4)
Q	--	Rational Q	Character			Characters	Menu [eMath:5]gF4	Mathematical symbol Q (Fontcode : 211A ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_5.pdf
q	--	Subscript Q	Character			Characters	See description	Character q (Fontcode : 24E8 ₁₆)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Q	--	Superscript Q	Character			Characters	See description	Character ^Q (Fontcode : 2VC6 ₁₆)
qt _{UK} →l	--	qt _{UK} to l	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.1] gF5	Convert UK quart to litre (TI : l) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
qt _{UK} →ml	--	qt _{UK} to ml	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.1] gF5	Convert UK quart to millilitre (TI : ml) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_1.pdf
qt _{US} →l	--	qt _{US} to l	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Volume.2] gF5	Convert US quart to litre (TI : l) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_2.pdf
qt _{US} →ml	--	qt _{US} to ml	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.2] gF5	Convert US quart to millilitre (TI : ml) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
QUIET	--	Quiet	Flag	CLEAR	<no annunciator>	System	Menu [SYS.FL.5] F1 (Also) reached from MENU (item, nonpgm) CFL6	SET for beeper disabled; CLEAR for beeper enabled (Info : Silences every sound source and clamps volume at both ends) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
QUIET	--	Quiet	Flag	CLEAR	<no annunciator>	System	Menu [CFL6 (SYS.FL).5] F1	SET for beeper disabled; CLEAR for beeper enabled (Info : Silences every sound source and clamps volume at both ends) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
R	--	Molar gas constant	Constant			Constants	Menu [CNST.3] F3	Constant $\# 39 \text{ R c.mol.gas} = +8.31446261815324 \text{ (Unit : J/mol K)}$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
r	CORR	Fit model correlation	Command			Plotting and curve fitting	Menu [REGR.1] F2	Fit model correlation Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REGR_page_1.pdf
R	--	R	Character			Characters	Keyboard alpha [N]	Character R (Fontcode : 0052 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
R	--	R	Character			Characters	Keyboard alphaSIM [r]	Character R (Fontcode : 0052 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
r	--	r	Character			Characters	Keyboard alpha f [n]	Character r (Fontcode : 0072 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
R	--	Register R	EasyAccess (TAM)			Trailing input	Menu [REG.1] F5	Easy access to Register R (215) : General purpose register R ; also used to store distribution parameter : rate (TI : R) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
R	--	Register R	Register (lettered)			Lettered registers	See description	Register R (215) : General purpose register R ; also used to store distribution parameter : rate (Info : Reached from STO/RCL [REG.1] F5)
R	--	Flag R	EasyAccess (TAM)			Trailing input	Menu [FLG.1] F5	Easy access to Flag R (215) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_1.pdf
R	--	Flag R	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag R (215) (Info : Reached from FF [FLG.1] F5)
R	--	Real R	Character			Characters	Menu [oMath.5] gF5	Mathematical symbol R (Fontcode : 2110 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
R	--	Subscript R	Character			Characters	See description	Character _R (Fontcode : 2NE1 ₁₆)
R	--	Superscript R	Character			Characters	See description	Character ^R (Fontcode : 2VC7 ₁₆)
r	--	Superscript r	Character			Characters	See description	Character ^r (Fontcode : 02B3 ₁₆)
Ř	--	R accute	Character			Characters	Menu [aINTL.3] gF1	International character Ř (Fontcode : 0154 ₁₆ ; Info : press [4] for ř at [aINTL.3] gF1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ř	--	r accute	Character			Characters	Menu [aintl.3] gF1	International character ř (Fontcode : 0155 ₁₆ ; Info : press [4] for Ř at [aINTL.3] gF1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_3.pdf
Ř	--	R caron	Character			Characters	Menu [aINTL.3] gF2	International character Ř (Fontcode : 0158 ₁₆ ; Info : press [4] for ř at [aINTL.3] gF2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ř	--	r caron	Character			Characters	Menu [aintl.3] gF2	International character ř (Fontcode : 0159 ₁₆ ; Info : press [4] for Ř at [aINTL.3] gF2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_3.pdf
R-CLR	R-CLR	Clear registers	Command (PEM)			Programming	Menu [P.FN2.1] gF4	Clear registers, using range number in X (sss.nn means registers from sss through sss + nn - 1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
R-COPY	R-COPY	Copy registers	Command (PEM)			Programming	Menu [P.FN2.1] gF1	Copy registers, using range number in X (sss.nndd means registers from sss through sss + n - 1 to registers ddd through ddd + nn - 1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
R-SORT	R-SORT	Sort registers	Command (PEM)			Programming	Menu [P.FN2.1] gF2	Sort registers by ascending value, using range number in X (sss.nn means registers from sss through sss + nn - 1) (Info : R-SORT can also sort by time value stored in the registers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
R-SWAP	R-SWAP	Swap registers	Command (PEM)			Programming	Menu [P.FN2.1] gF3	Swap registers, using range number in X (sss.nndd means registers from sss through sss + n - 1 to registers ddd through ddd + nn - 1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN2_page_1.pdf
R?	R?	Real number?	Command (logical)			Programming	Menu [TEST.2] F3	Test type of X is Real number (1.0-1.5) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_2.pdf
r _e	--	Classical electron radius	Constant			Constants	Menu [CNST.3] F5	Constant $\# 40 \text{ r}_e \text{ rad.elec} = +2.8179403205 \times 10^{-15} \text{ (Unit : m)}$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
R _{nn} →V	R _{nn} →V	Fill matrix from registers	Command		<no annunciator>	Matrix operations	Menu [MATX.1] gF1	Fill matrix or vector in X from ascending range of registers starting with register nn (TAM), where numbers of registers depends on size of matrix or vector (TAM : R _{nn} →V __ TamIndirect menu ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
R _{nn} →V	R _{nn} →V	Fill matrix from registers	Command		<no annunciator>	Matrix operations	Menu [V←V.1] gF4	Fill matrix or vector in X from ascending range of registers starting with register nn (TAM), where numbers of registers depends on size of matrix or vector (TAM : R _{nn} →V __ TamIndirect menu ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VectorConv_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
R/S	--	Run/Stop program	Command			Programming	Keyboard [R/S]	Run/Stop program (Info : In Program Entry Mode, R/S enters STOP) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
R/S	--	Run/Stop program	Command			Programming	Keyboard normalSIM [v ; z]	Run/Stop program (Info : In Program Entry Mode, R/S enters STOP) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
R/S	STOP	Stop program	Command			Programming	Catalog CAT.FCNS STOP	Stop program (Info : In Program Entry Mode, R/S enters STOP) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
R/S	--	Start/stop stopwatch	Command			Stopwatch	Menu [STOPW.1] F5	Start/stop the stopwatch (Shortcut : [R/S] (STOPW active)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
R→C	R→C	Real to Complex	Function (dyadic)			Complex numbers	Menu [CPX.1] gF4	Convert Real to Complex (in POLAR, using angle tag or ADM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
R↑	R↑	Roll up	Command			Stack	Menu [STK.1] F3	Roll up stack Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
R↑	R↑	Roll up	Command			Stack	Menu [MyM8] F5	Roll up stack Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_9.pdf
R↑	R↑	Roll up	Command			Stack	Keyboard g[R4]	Roll up stack Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
R↑	R↑	Roll up	Command			Stack	Keyboard longerpress [R4]	Roll up stack Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
R↓	R↓	Roll down	Command			Stack	Menu [STK.1] F2	Roll down stack Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
R↓	R↓	Roll down	Command			Stack	Keyboard [R4]	Roll down stack Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
R↓	R↓	Roll down	Command			Stack	Keyboard normalSIM [d]	Roll down stack Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
R↔R	MR↔R	Swap rows	Command			Matrix operations	Menu [MATX.3] FF3	Swap rows X and Y of indexed matrix Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
R _⊕	--	Mean radius of the Earth	Constant			Constants	Menu [CNST.3] FF4	Constant # 45 R _⊕ rad.earth = +6.37101 × 10 ⁶ (Unit : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
R _⊙	--	Mean radius of the Sun	Constant			Constants	Menu [CNST.3] FF3	Constant # 44 R _⊙ rad.sun = +6.96 × 10 ⁸ (Unit : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
R47	--	Select R47 layouts	Setting	ON	<no annunciator>	Customisation	See description	Select R47 layouts (f g, f ^g o, f ^g g, o f ^g) (Info : Initial layout selected is f g (R47v0))
RAD	RAD o	Set ADM to RAD	Setting (pgm)	OFF	r	Angle tagging or conversion	Menu [ELEC.1] gF2	Set Angular Display Mode to radians mode (ADM = 2) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
RAD	RAD o	Set ADM to RAD	Setting (pgm)	OFF	r	Angle tagging or conversion	Menu [MODE.1] F2	Set Angular Display Mode to radians mode (ADM = 2) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
RAD	RAD o	Set ADM to RAD	Setting (pgm)	OFF	r	Angle tagging or conversion	Menu [TRG.1] gF2	Set Angular Display Mode to radians mode (ADM = 2) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_page_1.pdf
RAD	RAD o	Set ADM to RAD	Setting (pgm)	OFF	r	Angle tagging or conversion	Menu [TRG_R47.1] F2	Set Angular Display Mode to radians mode (ADM = 2) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_R47_page_1.pdf
RAD	RAD o	Set ADM to RAD	Setting (pgm)	OFF	r	Angle tagging or conversion	Menu [XFCNS.1] fF2	Set Angular Display Mode to radians mode (ADM = 2) (Info : SBI 4 is shown if flag SBang and SBadm is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf
rad/s→deg/s	--	rad/s to deg/s	Function (monadic, linked)		<no annunciator>	Angular/Speed conversions	Menu [Angle.1] fF6	Convert radian per second to degree per second (TI : deg/s) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
rad/s→RPM	--	rad/s to RPM	Function (monadic, linked)		<no annunciator>	Angular/Speed conversions	Menu [Angle.1] fF4	Convert radian per second to rotation per minute (TI : RPM) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
rad→deg	--	rad to deg	Function (monadic, linked)		<no annunciator>	Angle conversions	Menu [Angle.1] F2	Convert radian to degree (untagged) (TI : deg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
rad→grad	--	rad to grad	Function (monadic, linked)		<no annunciator>	Angle conversions	Menu [Angle.1] F6	Convert radian to gradian (untagged) (TI : grad) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Angle_page_1.pdf
[RADIX]	RADIX	Select radix	MENU			Display	Catalog CAT.MENUS RADIX	Select radix Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_RADIX_page_1.pdf
[RADIX.]	RADIX	Select radix	MENU (item, nonpgm)			Display	Menu [DISP.1] gF2	Select radix ; button label showing current radix (.) (Info : CAT.MENUS RADIX) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
[RADIX.]	RADIX	Select radix	MENU (item, nonpgm)			Display	Catalog CAT.MENUS RADIX	Select radix ; button label showing current radix (.) (Info : CAT.MENUS RADIX) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_radix1.pdf
RAN#	RAN#	Random number	Command			Probability	Menu [PROB.1] F1	Pseudo random number generator (type Real) with bounds 0 and 1 ; uses the SEED (Info : Range is [0, 1) -- left closed, right open interval) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROB_page_1.pdf
RANI#	RANI#	Random Long integer or Real	Function (dyadic)			Probability	Menu [PROB.1] F2	Pseudo random Long integer or Real number generator with bounds X and Y ; uses the SEED (Info : Result is Long integer and range is [X, Y] when X and Y are Long integer ; result is Real and range is [X, Y] when X or Y are Real ; bounds may be entered in either order) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROB_page_1.pdf
Γ _{Bohr}	--	Bohr radius	Constant			Constants	Menu [CNST.3] F4	Constant # 2 r _{Bohr} rad.bohr = +5.2917721094 × 10 ⁻¹¹ (Unit : m) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
RCL	RCL	Recall	Command			Stack	Keyboard [RCL]	Recall value from register or variable (TAM : RCL --- TamRclTVM when menu TVM is open) ; TI : Rnn : or "<var>" ; (or R.nn : or "<var>" ;) ; Info : local registers .00-.nn etc. need to be allocated using LocR nn+1) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
RCL	RCL	Recall	Command			Stack	Keyboard normalSIM [r]	Recall value from register or variable (TAM : RCL ___ TamRcl menu (TamRclTVM when menu TVM is open) ; TI : Rnn : or '<var>' ; (or R.nn : or or '<var>' ; Info : local registers .00-.nn etc. need to be allocated using LocR nn+1) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
RCL	--	Recall and load to timer	Command (nonpgm)			Stopwatch	Menu [STOPW.1] fF3	Recall register value and load to stopwatch timer (decimal hours or time value) (Shortcut : [RCL] (STOPW active)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_STOPW_page_1.pdf
RCL-	RCL-	Recall and subtract	Function (monadic)			Stack	Catalog CAT.FCNS RCL-	Recall register or variable and subtract X (Shortcut : [RCL] - [-] ; TAM : RCL- ___ TamRcl menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCL.SKP	RCL.SKP	Recall and skip	Command (PEM)			Programming	Menu [P.FN3.1] gF3	Recall value from register or variable and skip the next instruction (intended use is after a test function, which if true, calls RCL.SKP and jumps over the next program step, which means that step is executed only if the test function returns false) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Skipping_program_steps.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_P-FN3_page_1.pdf
RCL↑	RCL↑	Recall maximum	Command			Stack	Catalog CAT.FCNS RCL↑	Recall maximum of X and register or variable (Shortcut : [RCL] - [↑] ; TAM : RCL↑ ___ TamRcl menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCL↓	RCL↓	Recall minimum	Command			Stack	Catalog CAT.FCNS RCL↓	Recall minimum of X and register or variable (Shortcut : [RCL] - [↓] ; TAM : RCL↓ ___ TamRcl menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCL+	RCL+	Recall and add	Function (monadic)			Stack	Catalog CAT.FCNS RCL+	Recall register or variable and add X (Shortcut : [RCL] - [+] ; TAM : RCL+ ___ TamRcl menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCL÷	RCL÷	Recall and divide	Function (monadic)			Stack	Catalog CAT.FCNS RCL÷	Recall register or variable and divide by X (Shortcut : [RCL] - [:] ; TAM : RCL÷ ___ TamRcl menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCL×	RCL×	Recall and multiply	Function (monadic)			Stack	Catalog CAT.FCNS RCL×	Recall register or variable and multiply by X (Shortcut : [RCL] - [x] ; TAM : RCL× ___ TamRcl menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCL ^Σ	--	Recall and load to countdown	Command (nonpgm)			Stopwatch	Menu [STOPW.1] fF4	Recall register value and load to countdown timer (decimal hours or time value) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_STOPW_page_1.pdf
RCLCFG	RCLCFG	Recall config	Command			System	Catalog CAT.FCNS RCLCFG	Recall config from register or variable (Shortcut : [RCL] - Config ; TAM : RCLCFG ___ TamRcl menu ; Info : displays "Configuration data" in the stack) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCL _{EL}	RCL _{EL}	Recall matrix element	Command			Matrix operations	Menu [MATX.3] gF4	Recall current element of indexed matrix (Shortcut : [RCL] - ...EL ; TI : M[I _r J _c]=<name> [<row><col>]=) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MATX_page_3.pdf
RCL _{IJ}	RCL _{IJ}	Recall current matrix index	Command			Matrix operations	Menu [MATX.3] F4	Recall current matrix index (row I and column J) (Shortcut : [RCL] - ...IJ ; TI : M<name> iI _r = ; M<name> iJ _c =) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MATX_page_3.pdf
RCLS	RCLS	Recall stack	Command			Stack	Catalog CAT.FCNS RCLS	Recall complete stack from 4 or 8 registers (Shortcut : [RCL] - Stack ; TAM : RCLS ___ TamRcl menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCLSEQ	RCLSEQ	Recall matrix element and go to next	Command			Matrix operations	Menu [MATX.3] gF6	Recall current element of indexed matrix, then increment column index J of indexed matrix ; wraps automatically (TI : M[I _r J _c]=<name> [<row><col>]=) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MATX_page_3.pdf
RCLVEL	RCLVEL	Recall vector element	Command			Matrix operations	Menu [MATX.1] gF4	Recall element n (TAM) of vector or matrix in X (Shortcut : [RCL] - ...VEL _{nn} ; TAM : RCLVEL ___ Tam menu) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MATX_page_1.pdf
RCLVEL ₁	RCLVEL ₁	Recall vector element 1	Command			Matrix operations	Catalog CAT.FCNS RCLVEL ₁	Recall element 1 of vector or matrix in X Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCLVEL ₂	RCLVEL ₂	Recall vector element 2	Command			Matrix operations	Catalog CAT.FCNS RCLVEL ₂	Recall element 2 of vector or matrix in X Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RCLVEL ₃	RCLVEL ₃	Recall vector element 3	Command			Matrix operations	Catalog CAT.FCNS RCLVEL ₃	Recall element 3 of vector or matrix in X Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
RDP	RDP	Round to decimal places	Function (monadic)			Reals	Menu [REAL.1] fF5	Round real number to number of decimal places, subject to rounding mode (RMODE) (TAM : RDP ___ TamNonReg menu ; Range is [0, 34]) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_REAL_page_1.pdf
Re	Re	Real part	Function (monadic)			Complex numbers	Menu [CPX.1] F1	Real part of Complex number Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CPX_page_1.pdf
Re	Re	Real part	Function (monadic)			Complex numbers	Menu [REAL.1] gF5	Real part of Complex number Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_REAL_page_1.pdf
Re	Re	Real part	Function (monadic)			Complex numbers	Menu [FCNS.3] F3	Real part of Complex number Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_3.pdf
Re↔Im	Re↔Im	Exchange real and imaginary part	Command			Complex numbers	Menu [CPX.1] F4	Exchange real and imaginary part of Complex number Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CPX_page_1.pdf
Re=0?	Re=0?	Zero real part?	Command (logical)			Programming	Menu [TEST.3] F3	Test X has real part equal to zero Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TEST_page_3.pdf
Re≠0?	Re≠0?	Non-zero real part?	Command (logical)			Programming	Menu [TEST.3] fF3	Test X has real part not equal to zero Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TEST_page_3.pdf
READP	READP	Read/load program	Command			Input-Output	Menu [I/O.1] fF1	Read/load program from WRITEP backup file (.p47) in FAT (TI : Program file loaded ; DMCP File open dialog ("Load Program" -- PROGRAMS/)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_I-O_page_1.pdf
READP	READP	Read/load program	Command			Input-Output	Menu [MyM8] F4	Read/load program from WRITEP backup file (.p47) in FAT (TI : Program file loaded ; DMCP File open dialog ("Load Program" -- PROGRAMS/)) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MyMenu_page_8.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[REAL]	REAL	Real	MENU			Reals	Menu [BLUE7.3] fF4	Functions on Real numbers and Complex numbers Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_3.pdf
[REAL]	REAL	Real	MENU			Reals	Keyboard g[S]	Functions on Real numbers and Complex numbers Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_5.pdf
[REAL]	REAL	Real	MENU			Reals	Catalog CAT.MENU REAL	Functions on Real numbers and Complex numbers Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
[REALS]	REALS	Real variables	MENU			Catalog	Menu [VARS.1] F3	Auto-generated catalog of variables of the specified datatype : Real number (1.0-1.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VARS_page_1.pdf
[REALS]	REALS	Real variables	MENU			Catalog	Catalog CAT.MENU REALS	Auto-generated catalog of variables of the specified datatype : Real number (1.0-1.5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REALS_page_1.pdf
realSlv	realSlv	Real solver (variable limits)	Command (nonpgm)		<no annunciator>	Solver	Menu [ToolS.1] fF3	Solve the algebraic expression (= 0) entered in the equation editor for real roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; monitoring set by MONIT ; solver estimates set from variables (vEst, vEst) (Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy = ; <var>prev = ; <var> =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSlv_page_1.pdf
realSlv ^x	realSlv ^x	Real solver (stack limits)	Command (nonpgm)		<no annunciator>	Solver	Menu [ToolS.1] fF2	Solve the algebraic expression (= 0) entered in the equation editor for real roots ; interrupt by [EXIT] ; tolerance set by SDIGS ; monitoring set by MONIT ; solver estimates set from stack (Y, X) (Info : Displays current evaluated number and iteration counter ; shown if flag MONIT is SET ; TI : Result Code = ; Accuracy = ; <var>prev = ; <var> =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSlv_page_1.pdf
RECT	RECT 0	Rectangular notation	Setting (pgm)	ON	L	Complex and coordinates	Menu [CPX.1] gF5	Switch on rectangular notation (Info : SBI L ; 0 is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CPX_page_1.pdf
RECT	RECT 0	Rectangular notation	Setting (pgm)	ON	L	Complex and coordinates	Menu [ELEC.1] gF5	Switch on rectangular notation (Info : SBI L ; 0 is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_1.pdf
RECT	RECT 0	Rectangular notation	Setting (pgm)	ON	L	Complex and coordinates	Menu [MODE.1] F5	Switch on rectangular notation (Info : SBI L ; 0 is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
RECT	RECT 0	Rectangular notation	Setting (pgm)	ON	L	Complex and coordinates	Menu [MODE.2] F5	Switch on rectangular notation (Info : SBI L ; 0 is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_2.pdf
RECT	RECT 0	Rectangular notation	Setting (pgm)	ON	L	Complex and coordinates	Menu [HOME.1] gF5	Switch on rectangular notation (Info : SBI L ; 0 is shown if flag SBcpX is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [Tam.1] gF6	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Tam_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [TamCmp.1] gF6	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamCmp_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [TamIndirect.1] gF6 (Also) reached from Command (TAM) →	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamIndirect_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [TamRcl.1] gF6	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [TamSto.1] gF6	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [→ (TamIndirect).1] gF6	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Arrow_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [TamRclTVM.1] gF6	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRclTVM_page_1.pdf
[REG]	--	TAM (register)	MENU (TAM)			Trailing input	Menu [TamStoTVM.1] gF6	Presented in TAM menus to quickly select lettered registers (Info : Shortcut {A} indicates character key A (in TAM), etcetera ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Registers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamStoTVM_page_1.pdf
[REGR]	REGR	Regression	MENU			Plotting and curve fitting	Menu [STAT.1] gF6	Regression functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_1.pdf
[REGR]	REGR	Regression	MENU			Plotting and curve fitting	Menu [PLOT.1] gF6	Regression functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_1.pdf
[REGR]	REGR	Regression	MENU			Plotting and curve fitting	Catalog CAT.MENU REGR	Regression functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REGR_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
REGS	REGS	Register browser	Browser			Status	Menu [BLUEV7.3] g F1	Browse all registers (Shortcut : [.] : Switch register/variable view,[R/S] : Switch contents/storage view,[RCL] : Recall bottom item,[+], [4], , 00..99 : Navigate, [EXIT] : Exit Register browser ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Registers.pdf Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUEV7_page_3.pdf
REGS	REGS	Register browser	Browser			Status	Menu [STOPW.1] f F2	Browse all registers (Shortcut : [.] : Switch register/variable view,[R/S] : Switch contents/storage view,[RCL] : Recall bottom item,[+], [4], , 00..99 : Navigate, [EXIT] : Exit Register browser ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Registers.pdf Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_STOPW_page_1.pdf
REGS	REGS	Register browser	Browser			Status	Keyboard g [+]	Browse all registers (Shortcut : [.] : Switch register/variable view,[R/S] : Switch contents/storage view,[RCL] : Recall bottom item,[+], [4], , 00..99 : Navigate, [EXIT] : Exit Register browser ; Ref : https://N7calc.com/doc/RN7/Reference/RN7v0_Registers.pdf Ref : https://N7calc.com/doc/RN7/Keyboard/Row/RN7v0_Keyboard_row_6.pdf
REM	REM	Remark	Command (PEM)			Programming	Menu [P.FN1.1] f F3	Comment line in program (maximum 160 characters) (Info : REM ' ' ALPHA (ALPHA) menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN1_page_1.pdf
ReMp261	--	ReMp261	User Program			Test programs	Menu [PROGS.2] f F4 (Also) reached from MENU (TAM, ASM) PROG	ReMp261 test program, available to load from PROGRAMS/ALLPGMS/ReMp261.pn7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PROGS_page_2.pdf
ReMp261	--	ReMp261	User Program			Test programs	Menu [PROG (PROGS).2] f F4	ReMp261 test program, available to load from PROGRAMS/ALLPGMS/ReMp261.pn7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PROG_page_2.pdf
RESET	RESET	Reset	Command			System	Menu [CLR.1] g F1	Reset the calculator ; fill registers R10-R28 with special values ; this is the only way to do a clean restart if an autoload file is present (YESNO : Reset? ; Info : Clean startup, no autoloading of SAVFILES/RN7auto.sav or SAVFILES/RN7.sav ; does not reset the keyboard layout chosen in menu KEYS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CLR_page_1.pdf
RESET	--	Reset stopwatch	Command			Stopwatch	Menu [STOPW.1] F8	Reset the stopwatch (Shortcut : [4] (STOPW active)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_STOPW_page_1.pdf
ResetF	ResetF	Reset fitting	Command			Plotting and curve fitting	Menu [MODEL.1] g F1	Reset <BestF> to default (1) (TI : L.R. selected to 001) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MODEL_page_1.pdf
[RESETS]	RESETS	Resets	MENU			Cleanup	Catalog CAT.MENUS RESETS	Reset user menus to defaults ; delete user keyboard assignments Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_RESETS_page_1.pdf
[RESETS]	RESETS	Resets	MENU			Cleanup	Menu [KEYS.1] F3	Reset user menus to defaults ; delete user keyboard assignments Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_KEYS_page_1.pdf
[RIBBONS]	RIBBONS	Ribbons	MENU			Customisation	Catalog CAT.MENUS RIBBONS	Selection of ribbons for MyM (MyMenu) (Info : Ribbons are predefined sets of buttons to assign to the primary (unshifted) row of MyM (MyMenu)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_RIBBONS_page_1.pdf
[RIBBONS]	RIBBONS	Ribbons	MENU			Customisation	Menu [KEYS.1] F2	Selection of ribbons for MyM (MyMenu) (Info : Ribbons are predefined sets of buttons to assign to the primary (unshifted) row of MyM (MyMenu)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_KEYS_page_1.pdf
RJ	RJ	Right justify	Function (monadic)			Bits and bytes	Menu [BITS.2] g F4 (Also) reached from MENU (item) BITSHFT	Right justify (within word size) ; returns shift in X and result in Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_2.pdf
RJ	RJ	Right justify	Function (monadic)			Bits and bytes	Menu [BITSHFT (BITS).1] g F4	Right justify (within word size) ; returns shift in X and result in Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSHFT_page_1.pdf
RJ	--	Set RJ profile	Setting (group)	OFF	<no annunciator>	Developer	Menu [DEV.1] F4	Set RJ profile (Info : RJ is one of the C47/R47 developers) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_DEV_page_1.pdf
R _K	--	Von Klitzing constant	Constant			Constants	Menu [CNST.3] F6	Constant $\kappa \approx 1 R_K \approx 2.58128074530958668004551670688744 \times 10^4$ (Unit : Ω) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_3.pdf
RL	RL	Rotate Left (1)	Function (monadic)			Bits and bytes	Menu [BITS.2] F3 (Also) reached from MENU (item) BITSHFT	Shortcut to Rotate Left (1 bit) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_2.pdf
RL	RL	Rotate Left (1)	Function (monadic)			Bits and bytes	Menu [BITSHFT (BITS).1] F3	Shortcut to Rotate Left (1 bit) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSHFT_page_1.pdf
RLC	RLC	Rotate Left through Carry (1)	Function (monadic)			Bits and bytes	Menu [BITS.2] F5 (Also) reached from MENU (item) BITSHFT	Shortcut to Rotate Left through Carry (1 bit) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_2.pdf
RLC	RLC	Rotate Left through Carry (1)	Function (monadic)			Bits and bytes	Menu [BITSHFT (BITS).1] F5	Shortcut to Rotate Left through Carry (1 bit) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSHFT_page_1.pdf
RLCn	RLCn	Rotate Left through Carry	Function (monadic)			Bits and bytes	Menu [BITS.2] f F5 (Also) reached from MENU (item) BITSHFT	Rotate Left through Carry with number of bits (trailing input) (TAM : RLCn ___ TamNonReg menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_2.pdf
RLCn	RLCn	Rotate Left through Carry	Function (monadic)			Bits and bytes	Menu [BITSHFT (BITS).1] f F5	Rotate Left through Carry with number of bits (trailing input) (TAM : RLCn ___ TamNonReg menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSHFT_page_1.pdf
RLn	RLn	Rotate Left	Function (monadic)			Bits and bytes	Menu [BITS.2] f F3 (Also) reached from MENU (item) BITSHFT	Rotate Left with number of bits (trailing input) (TAM : RLn ___ TamNonReg menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
RLn	RLn	Rotate Left	Function (monadic)			Bits and bytes	Menu [BITSHT (BITS).1] fF3	Rotate Left with number of bits (trailing input) (TAM : RLn ... TamNonReg menu) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BITSHT_page_1.pdf
R_{moon}	--	Mean radius of the Moon	Constant			Constants	Menu [CNST.3] fF1	Constant $\pi \times 2 \times R_{moon} \times \text{rad.moon} = +1.73753 \times 10^6$ (Unit : m) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_3.pdf
Rmatx?	Rmatx?	Real matrix or vector?	Command (logical)			Programming	Menu [TEST.2] gF3	Test type of X is Real matrix or vector (S) (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_DataTypes.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_2.pdf
RMD	RMD	Remainder	Function (dyadic)			Integers	Menu [INTS.1] fF2	Remainder of division of Y by X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_INTS_page_1.pdf
RMD	RMD	Remainder	Function (dyadic)			Integers	Menu [FCNS.3] F4	Remainder of division of Y by X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FCNS_EQN_page_3.pdf
RMD	RMD	Remainder	Function (dyadic)			Integers	Menu [HOME.1] fF2	Remainder of division of Y by X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_HOME_page_1.pdf
RMODE	RMODE ₀	Set rounding mode	Setting (pgm)	0	<no annunciator>	Reals	Menu [MODE.2] fF5	Set floating point rounding mode ; used for RSD and RDP ; also used when converting from the extended precision internal format to packed reals ; 0 : $\frac{1}{2}E$ = round half even ; 1 : $\frac{1}{2}\uparrow$ = round half up ; 2 : $\frac{1}{2}\downarrow$ = round half down ; 3 : $\leftarrow 0$ = round away from zero ; 4 : $\rightarrow 0$ = round towards zero ; 5 : $\lceil x \rceil$ = ceiling ; 6 : $\lfloor x \rfloor$ = floor (TAM : RMODE _ TamNonReg menu ; Info : may be abbreviated as RM in status overviews) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MODE_page_2.pdf
RMODE	RMODE ₀	Set rounding mode	Setting (pgm)	0	<no annunciator>	Reals	Menu [PREF.2] F5	Set floating point rounding mode ; used for RSD and RDP ; also used when converting from the extended precision internal format to packed reals ; 0 : $\frac{1}{2}E$ = round half even ; 1 : $\frac{1}{2}\uparrow$ = round half up ; 2 : $\frac{1}{2}\downarrow$ = round half down ; 3 : $\leftarrow 0$ = round away from zero ; 4 : $\rightarrow 0$ = round towards zero ; 5 : $\lceil x \rceil$ = ceiling ; 6 : $\lfloor x \rfloor$ = floor (TAM : RMODE _ TamNonReg menu ; Info : may be abbreviated as RM in status overviews) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PREF_page_2.pdf
RMODE#	RMODE#	Get rounding mode	Command	0		Reals	Menu [INFO.2] F5	Get floating point rounding mode (Info : Set by RMODE) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_INFO_page_2.pdf
RMS	--	Add RMS curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ₀ (PLFUNC).4] fF1	Switch on adding the graphical root mean square curve, accumulated from left to right ; not programmable - in PEM, use flag PLrms (Info : $\#$ Root mean square RMS is displayed ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_DrawYX_page_4.pdf
RMS	--	Add RMS curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).4] fF1	Switch on adding the graphical root mean square curve, accumulated from left to right ; not programmable - in PEM, use flag PLrms (Info : $\#$ Root mean square RMS is displayed ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Draw_page_4.pdf
RMS	--	Add RMS curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.3] fF1	Switch on adding the graphical root mean square curve, accumulated from left to right ; not programmable - in PEM, use flag PLrms (Info : $\#$ Root mean square RMS is displayed ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PLSTAT_page_3.pdf
RMS	--	Add RMS curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCNS (PLFUNC).4] fF1	Switch on adding the graphical root mean square curve, accumulated from left to right ; not programmable - in PEM, use flag PLrms (Info : $\#$ Root mean square RMS is displayed ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PLTFCNS_page_4.pdf
RNG	RNG ₆₁₄₅	Set number range	Setting (pgm)	6145	<no annunciator>	Reals	Menu [DISP.2] gF5	Set number range as 10^{nn} , where nn in [99, 6145] (TAM : RNG _ _ _ _ TamNonReg menu ; Info : numbers smaller than 10^{-99} (or the value set by HIDE) will be displayed as ≈ 0 ; numbers greater than 10^{6145} will be displayed as 'o' (or ∞ if RNG is 6145 and provided flag SPCRES is SET)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_DISP_page_2.pdf
RNG#	RNG#	Get number range	Command			Reals	Menu [INFO.2] fF1	Get number range as 10^{nn} , where nn in [99, 6145] (Info : Set by RNG) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_INFO_page_2.pdf
RNORM	RNORM	Row or Maximum norm	Function (monadic)			Matrix operations	Menu [TamNorm.1] fF3	Maximum row sum of absolute element values of a matrix in X : $\ x\ _{\infty} = \max_i x_{i,j} $ (Info : If RNORM is selected from menu [TamNorm.1] fF3, it enters $\ x\ _{\infty}$ with parameter ∞ : Maximum row sum of absolute element values of a matrix in X : $\ x\ _{\infty} = \max_i x_{i,j} $) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamNorm_page_1.pdf
RootF	RootF ☐	Root fit	Setting	OFF	<no annunciator>	Plotting and curve fitting	Menu [MODEL.1] fF1	Set <BestF> to include Root curve fitting : $y = a_0 \cdot a_1^{(1/x)}$; deselects OrthoF (Info : Adds 16 to <BestF> ; TI : L.R. selected to <BestF>.) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MODEL_page_1.pdf
ROUND	ROUND	Round	Function (monadic)			Reals	Menu [REAL.1] fF3	Round number to current display format (returns Real number) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_REAL_page_1.pdf
ROUND	ROUND	Round	Function (monadic)			Reals	Menu [HOME.1] fF1	Round number to current display format (returns Real number) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_HOME_page_1.pdf
ROUNDI	ROUNDI	Round to integer	Function (monadic)			Reals	Menu [REAL.1] fF4	Round real number to nearest long integer (max 1000 digits) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_REAL_page_1.pdf
ROW+1	M.ROW+1	Add row	Command			Matrix operations	Menu [M_EDIT.1] F1 (Also/ reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Add row to matrix, at the bottom edge Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_M_EDIT_page_1.pdf
ROW+1	M.ROW+1	Add row	Command			Matrix operations	Menu [EDITN (M_EDIT).1] F1	Add row to matrix, at the bottom edge Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_EDITN_page_1.pdf
ROW+1	M.ROW+1	Add row	Command			Matrix operations	Menu [EDIT (M_EDIT).1] F1	Add row to matrix, at the bottom edge Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_EDIT_MATX_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
RP_{HP}	RP _{HP} III	Classic (HP) Rect/Polar	Setting	ON	<no annunciator>	Complex and coordinates	Menu [MODE.1] fF5	Switch on x : Re ; y : Im (RECT) ; r ; θ (POLAR) in X, Y ; not programmable - in PEM, use flag RP _{HP} (Info : RP _{HP} OFF conforms to the way the R47v0 deals with complex numbers) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_MODE_page_1.pdf
RP_{HP}	RP _{HP} III	Classic (HP) Rect/Polar	Setting	ON	<no annunciator>	Complex and coordinates	Menu [PREF.1] F5	Switch on x : Re ; y : Im (RECT) ; r ; θ (POLAR) in X, Y ; not programmable - in PEM, use flag RP _{HP} (Info : RP _{HP} OFF conforms to the way the R47v0 deals with complex numbers) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_PREF_page_1.pdf
RP_{HP}	--	Classic (HP) Rect/Polar	Flag	SET	<no annunciator>	Complex and coordinates	Menu [SYS.FL.5] F2 (Also) reached from MENU (item, nonpgm) CFL6	SET for x : Re ; y : Im (RECT) ; r ; θ (POLAR) in X, Y ; CLEAR for y : Im ; x : Re (RECT) ; θ ; r (POLAR) in X, Y (Info : RP _{HP} CLEAR conforms to the way the R47v0 deals with complex numbers) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_5.pdf
RP_{HP}	--	Classic (HP) Rect/Polar	Flag	SET	<no annunciator>	Complex and coordinates	Menu [CFL6 (SYS.FL).5] F2	SET for x : Re ; y : Im (RECT) ; r ; θ (POLAR) in X, Y ; CLEAR for y : Im ; x : Re (RECT) ; θ ; r (POLAR) in X, Y (Info : RP _{HP} CLEAR conforms to the way the R47v0 deals with complex numbers) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFL6_page_5.pdf
RPM→deg/s	--	RPM to deg/s	Function (monadic, linked)		<no annunciator>	Angular/Speed conversions	Menu [Angle.1] fF1	Convert rotation per minute to degree per second (TI : deg/s) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Angle_page_1.pdf
RPM→rad/s	--	RPM to rad/s	Function (monadic, linked)		<no annunciator>	Angular/Speed conversions	Menu [Angle.1] fF3	Convert rotation per minute to radian per second (TI : rad/s) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Angle_page_1.pdf
RR	RR	Rotate right (1)	Function (monadic)			Bits and bytes	Menu [BITS.2] F4 (Also) reached from MENU (item) BITSHIFT	Shortcut to Rotate right (1 bit) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITS_page_2.pdf
RR	RR	Rotate right (1)	Function (monadic)			Bits and bytes	Menu [BITSHIFT (BITS).1] F4	Shortcut to Rotate right (1 bit) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITSHIFT_page_1.pdf
RRC	RRC	Rotate Right through Carry (1)	Function (monadic)			Bits and bytes	Menu [BITS.2] F6 (Also) reached from MENU (item) BITSHIFT	Shortcut to Rotate Right through Carry (1 bit) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITS_page_2.pdf
RRC	RRC	Rotate Right through Carry (1)	Function (monadic)			Bits and bytes	Menu [BITSHIFT (BITS).1] F6	Shortcut to Rotate Right through Carry (1 bit) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITSHIFT_page_1.pdf
RRCn	RRCn	Rotate Right through Carry	Function (monadic)			Bits and bytes	Menu [BITS.2] fF6 (Also) reached from MENU (item) BITSHIFT	Rotate Right through Carry with number of bits (trailing input) (TAM : RRCn ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITS_page_2.pdf
RRCn	RRCn	Rotate Right through Carry	Function (monadic)			Bits and bytes	Menu [BITSHIFT (BITS).1] fF6	Rotate Right through Carry with number of bits (trailing input) (TAM : RRCn ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITSHIFT_page_1.pdf
RRn	RRn	Rotate right	Function (monadic)			Bits and bytes	Menu [BITS.2] fF4 (Also) reached from MENU (item) BITSHIFT	Rotate right with number of bits (trailing input) (TAM : RRn ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITS_page_2.pdf
RRn	RRn	Rotate right	Function (monadic)			Bits and bytes	Menu [BITSHIFT (BITS).1] fF4	Rotate right with number of bits (trailing input) (TAM : RRn ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BITSHIFT_page_1.pdf
RSD	RSD	Round to significant digits	Function (monadic)			Reals	Menu [REAL.1] F6	Round real number to number of significant digits, subject to rounding mode (RMODE) (TAM : RSD ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_REAL_page_1.pdf
RSUM	RSUM	Row sum	Command			Matrix operations	Menu [MATX.2] F3	Row sum of vector or matrix in X : RSUM = Σa _{ij} Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_MATX_page_2.pdf
RTN	RTN	Return	Command (PEM)			Programming	Menu [P.FN.1] F4	Return from subroutine to calling program Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_P-FN_page_1.pdf
RTN	RTN	Return	Command (PEM)			Programming	Menu [BLUE7.1] gF6	Return from subroutine to calling program Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_BLUE7_page_1.pdf
RTN	RTN	Return	Command (PEM)			Programming	Menu [P.FN3.1] F4	Return from subroutine to calling program Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_P-FN3_page_1.pdf
RTN.SKP	RTN.SKP	Return and skip	Command (PEM)			Programming	Menu [P.FN3.1] fF4	Return from subroutine to calling program and skip the instruction following the calling XEQ (intended use is to allow a subroutine to function as a built in test function, which if true, returns using RTN and using RTN.SKP otherwise) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Skipping_program_steps.pdf) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_P-FN3_page_1.pdf
RUNTIM	--	Stopwatch running	Flag (system)	CLEAR	⌚	Stopwatch	Menu [SYS.FL.5] F3 (Also) reached from MENU (item, nonpgm) CFL6	SET for stopwatch running ; CLEAR for stopwatch not running (Info : SBI ⌚ is shown if flag Sbstw is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_5.pdf
RUNTIM	--	Stopwatch running	Flag (system)	CLEAR	⌚	Stopwatch	Menu [CFL6 (SYS.FL).5] F3	SET for stopwatch running ; CLEAR for stopwatch not running (Info : SBI ⌚ is shown if flag Sbstw is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFL6_page_5.pdf
R_∞	--	Rydberg constant	Constant			Constants	Menu [CNST.3] F2	Constant # 43 R _∞ c-rydberg = +1.097373158815 × 10 ⁷ (Unit : /mol) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CNST_page_3.pdf
π	--	Subscript pi	Character			Characters	See description	Character π (Shortcut : alpha g[4]π (alpha g[R4]) ; Fontcode : 2C84 ₁₆)
S	--	S	Character			Characters	Keyboard alpha [S]	Character S (Fontcode : 0B53 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
S	--	S	Character			Characters	Keyboard alphaS[M] [a]	Character S (Fontcode : 0B53 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
S	--	s	Character			Characters	Keyboard alpha f[S]	Character s (Fontcode : 0B73 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
S	s	Sample standard deviation	Command			Summary statistics	Menu [STAT.1] F3	Sample standard deviation -- see Formula_STDEVWEIGHTED.png ; https://n7calc.com/doc/Images/Formula_STDEVWEIGHTED.png (TI : s _x = ; s _y =) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_STAT_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
S	--	Register S	EasyAccess (TAM)			Trailing input	Menu [REG.1]F6	Easy access to Register S (216) : General purpose register S ; also used to store distribution parameter : scale, spread (TI : S) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_REG_page_1.pdf
S	--	Register S	Register (lettered)			Lettered registers	See description	Register S (216) : General purpose register S ; also used to store distribution parameter : scale, spread (Info : Reached from STO/RCL [REG.1]F6)
S	--	Flag S	EasyAccess (TAM)			Trailing input	Menu [FLG.1]F6	Easy access to Flag S (216) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_FLG_page_1.pdf
S	--	Flag S	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag S (216) (Info : Reached from FF [FLG.1]F6)
s	--	Subscript S	Character			Characters	See description	Character s (Fontcode : 2NE216)
S	--	Superscript S	Character			Characters	See description	Character S (Fontcode : 2VC816)
Ã	--	A macron	Character			Characters	Menu [aINTL.1]fF2	International character Ã (Fontcode : 017F16 ; exported as 010016 ; Info : press [4] for ã at [aintl.1]fF2) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaINTL_page_1.pdf
Š	--	S accute	Character			Characters	Menu [aINTL.3]gF3	International character Š (Fontcode : 015A16 ; Info : press [4] for š at [aintl.3]gF3) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaINTL_page_3.pdf
š	--	s accute	Character			Characters	Menu [aintl.3]gF3	International character š (Fontcode : 015B16 ; Info : press [4] for š at [aintl.3]gF3) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaINTL-lower_page_3.pdf
Š	--	S caron	Character			Characters	Menu [aINTL.3]gF5	International character Š (Fontcode : 016816 ; Info : press [4] for š at [aintl.3]gF5) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaINTL_page_3.pdf
š	--	s caron	Character			Characters	Menu [aintl.3]gF5	International character š (Fontcode : 016116 ; Info : press [4] for š at [aintl.3]gF5) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaINTL-lower_page_3.pdf
Ÿ	--	S cedilla	Character			Characters	Menu [aINTL.3]gF4	International character Ÿ (Fontcode : 015E16 ; Info : press [4] for ç at [aintl.3]gF4) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaINTL_page_3.pdf
ç	--	s cedilla	Character			Characters	Menu [aintl.3]gF4	International character ç (Fontcode : 015F16 ; Info : press [4] for ç at [aintl.3]gF4) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaINTL-lower_page_3.pdf
[S.INTS]	S.INTS	Short integer variables	MENU			Catalog	Menu [VARS.1]fF5	Auto-generated catalog of variables of the specified datatype : Short integer (8.02-8.16) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_VARS_page_1.pdf
[S.INTS]	S.INTS	Short integer variables	MENU			Catalog	Catalog CAT.MENUS S.INTS	Auto-generated catalog of variables of the specified datatype : Short integer (8.02-8.16) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_S-INTS_page_1.pdf
s(a)	s(a)	Standard errors	Command			Plotting and curve fitting	Menu [REGR.1]fF1	Standard errors of line fitted ; s(a) in X ; s(a) in Y (Info : Works for ExpF ; LinF ; LogF ; OrthoF ; PowerF ; does not work for CauchF ; GaussF ; HydF ; ParabF ; RootF) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_REGR_page_1.pdf
S _{a@}	--	Semi-major axis of the Earth	Constant			Constants	Menu [CNST.3]fF5	Constant # 46 S _{a@} majax.earth = +6.378137 × 10 ⁶ (Unit : m) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_CNST_page_3.pdf
S _{b@}	--	Semi-minor axis of the Earth	Constant			Constants	Menu [CNST.3]fF6	Constant # 47 S _{b@} minax.earth = +6.3567523142 × 10 ⁶ (Unit : m) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_CNST_page_3.pdf
S _m	S _m	Standard error of the mean	Command			Summary statistics	Menu [STAT.1]F5	Standard error of the mean -- see Formula_SM.png ; https://n7calc.com/doc/Images/Formula_SM.png (TI : s _m = 1 ; s _y =) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_STAT_page_1.pdf
S _{mi}	S _{mi}	Precision	Command			Measurement	Menu [CENTRL (SCATR).1]F2	Precision of measuring instrument investigated, requires 30 data pairs -- see https://blog.minitab.com/en/real-world-quality-improvement/orthogonal-regression-testing-the-equivalence-of-instruments (TI : s _{mi} =) [https://blog.minitab.com/en/real-world-quality-improvement/orthogonal-regression-testing-the-equivalence-of-instruments] Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_CENTRL_page_1.pdf
S _{mi}	S _{mi}	Precision	Command			Measurement	Menu [SCATR.1]F2	Precision of measuring instrument investigated, requires 30 data pairs -- see https://blog.minitab.com/en/real-world-quality-improvement/orthogonal-regression-testing-the-equivalence-of-instruments (TI : s _{mi} =) [https://blog.minitab.com/en/real-world-quality-improvement/orthogonal-regression-testing-the-equivalence-of-instruments] Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_SCATR_page_1.pdf
S _{mw}	S _{mw}	Standard error of the weighted mean	Command			Summary statistics	Menu [STAT.1]fF5	Standard error of the weighted mean -- see Formula_SMW.png ; https://n7calc.com/doc/Images/Formula_SMW.png (TI : s _{mw} =) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_STAT_page_1.pdf
S _w	S _w	Weighted population standard deviation	Command			Summary statistics	Menu [STAT.1]fF3	Weighted population standard deviation -- see Formula_SW.png ; https://n7calc.com/doc/Images/Formula_SW.png (TI : s _w =) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_STAT_page_1.pdf
S _{xy}	S _{xy}	S _{xy}	Command			Plotting and curve fitting	Menu [REGR.1]F3	Sample covariance Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_REGR_page_1.pdf
s→ftn	--	s to ftn	Function (monadic, linked)		<no annunciator>	Time conversions	Menu [FFF+.1]F4	Convert second to fortnight (TI : ftn) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_FFF+_page_1.pdf
s→year	--	s to year	Function (monadic, linked)		<no annunciator>	Time conversions	Menu [Msc-.1]F2	Convert second to year (TI : year-) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_Msc_page_1.pdf
SAVE	SAVE	Save full backup	Command (nonpgm)			Input-Output	Menu [I/O.1]F3	Save full backup to file SAVFILES/Rn7.sav in FAT (TI : Saved ; Directory : SAVFILES/) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_I-O_page_1.pdf
SAVE	SAVE	Save full backup	Command (nonpgm)			Input-Output	Menu [MyMn.1]F3	Save full backup to file SAVFILES/Rn7.sav in FAT (TI : Saved ; Directory : SAVFILES/) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_MyMenu_page_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SAVEAUT	SAVEAUT	Save autoload file	Command (nonpgm, HW)			Input-Output	Menu [I/O.1] gF3	Save autoload file to file SAVFILES/R47auto.sav in FAT ; hardware only (TI : Saved ; Directory : SAVFILES/ ; Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-0_page_1.pdf
SAVEST	SAVEST	Save full state file	Command (nonpgm)			Input-Output	Menu [I/O.1] F2	Save backup file (.sav) in FAT for LOADST ; the state file contains the complete state of the calculator: all memory content (registers, variables, programs, equations), all user assignments (key assignments, user menus) and all settings (TI : Saving state file ... ; Saved ; DMCP File save dialog ("Save Calculator State" -- STATE/)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-0_page_1.pdf
SAVEST	SAVEST	Save full state file	Command (nonpgm)			Input-Output	Menu [MyM.4] F5	Save backup file (.sav) in FAT for LOADST ; the state file contains the complete state of the calculator: all memory content (registers, variables, programs, equations), all user assignments (key assignments, user menus) and all settings (TI : Saving state file ... ; Saved ; DMCP File save dialog ("Save Calculator State" -- STATE/)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_4.pdf
SAVEST	SAVEST	Save full state file	Command (nonpgm)			Input-Output	Menu [MyM.8] F5	Save backup file (.sav) in FAT for LOADST ; the state file contains the complete state of the calculator: all memory content (registers, variables, programs, equations), all user assignments (key assignments, user menus) and all settings (TI : Saving state file ... ; Saved ; DMCP File save dialog ("Save Calculator State" -- STATE/)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_8.pdf
SB	SB	Set bit	Function (monadic)			Number bases	Menu [BITS.1] gF1 (Also) reached from MENU (item) BITSHFT	Set bit n (TAM : SB ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
SB	SB	Set bit	Function (monadic)			Number bases	Menu [BASE2.2] gF3	Set bit n (TAM : SB ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_2.pdf
SBadm	--	Show degree symbol	Flag	SET	(°)	Status	Menu [SYS.FL.5] F4 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying degree symbol (°) in status bar ; CLEAR for not displaying degree symbol (°) in status bar (Info : Setting flag SBang also sets SBadm ; clearing SBadm also clears flag SBang) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBadm	--	Show degree symbol	Flag	SET	(°)	Status	Menu [CFL6 (SYS.FL.)] F4	SET for displaying degree symbol (°) in status bar ; CLEAR for not displaying degree symbol (°) in status bar (Info : Setting flag SBang also sets SBadm ; clearing SBadm also clears flag SBang) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBang	--	Show angle symbol	Flag	CLEAR	(∠)	Status	Menu [SYS.FL.5] F5 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying angle symbol (∠) in status bar ; CLEAR for not displaying angle symbol (∠) in status bar (Info : Setting flag SBang also sets SBadm ; clearing SBadm also clears flag SBang) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBang	--	Show angle symbol	Flag	CLEAR	(∠)	Status	Menu [CFL6 (SYS.FL.)] F5	SET for displaying angle symbol (∠) in status bar ; CLEAR for not displaying angle symbol (∠) in status bar (Info : Setting flag SBang also sets SBadm ; clearing SBadm also clears flag SBang) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBbatV	--	Show battery depletion	Flag	CLEAR	(🔋)	Status	Menu [SYS.FL.5] F6 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying battery depletion (🔋) in status bar ; CLEAR for not displaying battery depletion (🔋) in status bar (Info : If SBbatV is CLEAR, the regular icon (🔋) will show, but only when the battery is low (flag LOWBAT is SET) ; when SBbatV is SET the special battery symbol has length proportional to 2.85% V to 3.845 V) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBbatV	--	Show battery depletion	Flag	CLEAR	(🔋)	Status	Menu [CFL6 (SYS.FL.)] F6	SET for displaying battery depletion (🔋) in status bar ; CLEAR for not displaying battery depletion (🔋) in status bar (Info : If SBbatV is CLEAR, the regular icon (🔋) will show, but only when the battery is low (flag LOWBAT is SET) ; when SBbatV is SET the special battery symbol has length proportional to 2.85% V to 3.845 V) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBcpX	--	Show complex mode	Flag	SET	(L ; @)	Status	Menu [SYS.FL.5] ff1 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying Complex mode (L ; @) in status bar ; CLEAR for not displaying Complex mode (L ; @) in status bar Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBcpX	--	Show complex mode	Flag	SET	(L ; @)	Status	Menu [CFL6 (SYS.FL.)] ff1	SET for displaying Complex mode (L ; @) in status bar ; CLEAR for not displaying Complex mode (L ; @) in status bar Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBcr	--	Show complex results	Flag	CLEAR	(C ; R)	Status	Menu [SYS.FL.5] ff2 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying Complex results (C ; R) in status bar ; CLEAR for not displaying Complex results (C ; R) in status bar Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBcr	--	Show complex results	Flag	CLEAR	(C ; R)	Status	Menu [CFL6 (SYS.FL.)] ff2	SET for displaying Complex results (C ; R) in status bar ; CLEAR for not displaying Complex results (C ; R) in status bar Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBdate	--	Show date	Flag	SET	(CLK ; YY)	Status	Menu [SYS.FL.5] ff3 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying date (CLK ; YY) in status bar ; CLEAR for not displaying date (CLK ; YY) in status bar (Info : SBdate, SBtime and SBwoy are linked, only two out of three can be SET at most) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SBdate	--	Show date	Flag	SET	(CLK ; YY)	Status	Menu [CFL6 (SYS.FL.5)] fF3	SET for displaying date (CLK ; YY) in status bar; CLEAR for not displaying date (CLK ; YY) in status bar (Info : SBdate, SBtime and SBwoy are linked, only two out of three can be SET at most) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBfrac	--	Show Fractions Mode and #BASE Mode	Flag	SET	$\left(\frac{a^b/n}{a^b/c \times 1} ; \frac{b/n}{b/c \times 1} ; [+/-] ; \#BASE ; \#KEYA-r\right)$	Status	Menu [SYS.FL.5] fF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying Fractions Mode and #BASE Mode ($\frac{a^b/n}{a^b/c \times 1} ; \frac{b/n}{b/c \times 1} ; [+/-] ; \#BASE ; \#KEYA-r$) in status bar; CLEAR for not displaying Fractions Mode and #BASE Mode ($\frac{a^b/n}{a^b/c \times 1} ; \frac{b/n}{b/c \times 1} ; [+/-] ; \#BASE ; \#KEYA-r$) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBfrac	--	Show Fractions Mode and #BASE Mode	Flag	SET	$\left(\frac{a^b/n}{a^b/c \times 1} ; \frac{b/n}{b/c \times 1} ; [+/-] ; \#BASE ; \#KEYA-r\right)$	Status	Menu [CFL6 (SYS.FL.5)] fF4	SET for displaying Fractions Mode and #BASE Mode ($\frac{a^b/n}{a^b/c \times 1} ; \frac{b/n}{b/c \times 1} ; [+/-] ; \#BASE ; \#KEYA-r$) in status bar; CLEAR for not displaying Fractions Mode and #BASE Mode ($\frac{a^b/n}{a^b/c \times 1} ; \frac{b/n}{b/c \times 1} ; [+/-] ; \#BASE ; \#KEYA-r$) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBint	--	Show integer mode	Flag	SET	(<w>;<m>)	Status	Menu [SYS.FL.5] fF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying integer mode (<w>;<m>) in status bar; CLEAR for not displaying integer mode (<w>;<m>) in status bar (Info : <w> in SBI indicates word size (menu BITSET) ; <m> in SBI indicates sign mode (menu BITSET)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBint	--	Show integer mode	Flag	SET	(<w>;<m>)	Status	Menu [CFL6 (SYS.FL.5)] fF5	SET for displaying integer mode (<w>;<m>) in status bar; CLEAR for not displaying integer mode (<w>;<m>) in status bar (Info : <w> in SBI indicates word size (menu BITSET) ; <m> in SBI indicates sign mode (menu BITSET)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBmx	--	Show matrix mode	Flag	CLEAR	(wrap ; grow)	Status	Menu [SYS.FL.5] fF6 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying matrix mode (wrap ; grow) in status bar; CLEAR for not displaying matrix mode (wrap ; grow) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBmx	--	Show matrix mode	Flag	CLEAR	(wrap ; grow)	Status	Menu [CFL6 (SYS.FL.5)] fF6	SET for displaying matrix mode (wrap ; grow) in status bar; CLEAR for not displaying matrix mode (wrap ; grow) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBoc	--	Show overflow/carry mode	Flag	SET	(° ; c)	Status	Menu [SYS.FL.5] gF1 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying overflow/carry mode (° ; c) in status bar; CLEAR for not displaying overflow/carry mode (° ; c) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBoc	--	Show overflow/carry mode	Flag	SET	(° ; c)	Status	Menu [CFL6 (SYS.FL.5)] gF1	SET for displaying overflow/carry mode (° ; c) in status bar; CLEAR for not displaying overflow/carry mode (° ; c) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBprn	--	Show printing	Flag	SET	(⏏)	Status	Menu [SYS.FL.5] gF2 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying printing (⏏) in status bar; CLEAR for not displaying printing (⏏) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBprn	--	Show printing	Flag	SET	(⏏)	Status	Menu [CFL6 (SYS.FL.5)] gF2	SET for displaying printing (⏏) in status bar; CLEAR for not displaying printing (⏏) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBser	--	Show serial I/O	Flag	SET	(⌘)	Status	Menu [SYS.FL.5] gF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying serial I/O (⌘) in status bar; CLEAR for not displaying serial I/O (⌘) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBser	--	Show serial I/O	Flag	SET	(⌘)	Status	Menu [CFL6 (SYS.FL.5)] gF3	SET for displaying serial I/O (⌘) in status bar; CLEAR for not displaying serial I/O (⌘) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBshfR	--	Show shift on the right	Flag	CLEAR	(⇐ ; ⇨)	Status	Menu [SYS.FL.5] gF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying shift on the right (⇐ ; ⇨) in status bar; CLEAR for displaying shift on the left (⇐ ; ⇨) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBshfR	--	Show shift on the right	Flag	CLEAR	(⇐ ; ⇨)	Status	Menu [CFL6 (SYS.FL.5)] gF4	SET for displaying shift on the right (⇐ ; ⇨) in status bar; CLEAR for displaying shift on the left (⇐ ; ⇨) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBss	--	Show stack size	Flag	CLEAR	(8 ; 4)	Status	Menu [SYS.FL.5] gF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying stack size (8 ; 4) in status bar; CLEAR for not displaying stack size (8 ; 4) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBss	--	Show stack size	Flag	CLEAR	(8 ; 4)	Status	Menu [CFL6 (SYS.FL.5)] gF5	SET for displaying stack size (8 ; 4) in status bar; CLEAR for not displaying stack size (8 ; 4) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBstw	--	Show stopwatch running	Flag	SET	(⌚)	Status	Menu [SYS.FL.5] gF6 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying stopwatch running (⌚) in status bar; CLEAR for not displaying stopwatch running (⌚) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf
SBstw	--	Show stopwatch running	Flag	SET	(⌚)	Status	Menu [CFL6 (SYS.FL.5)] gF6	SET for displaying stopwatch running (⌚) in status bar; CLEAR for not displaying stopwatch running (⌚) in status bar Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
SBtime	--	Show time	Flag	CLEAR	(HH24:MM ; HH:MMam/pm)	Status	Menu [SYS.FL.5] F1 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying time (HH24:MM ; HH:MMam/pm) in status bar; CLEAR for not displaying time (HH24:MM ; HH:MMam/pm) in status bar (Info : SBtime, SBdate and SBwoy are linked, only two out of three can be SET at most) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_5.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SBtime	--	Show time	Flag	CLEAR	(HH24:MM ; HH:MMam/pm)	Status	Menu [CFL6 (SYS.FL).6] F1	SET for displaying time (HH24:MM ; HH:MMam/pm) in status bar; CLEAR for not displaying time (HH24:MM ; HH:MMam/pm) in status bar (Info : SBtime, SDate and SBwoy are linked, only two out of three can be SET at most) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
SBtvm	--	Show TVM mode	Flag	SET	(END ; BEG)	Status	Menu [SYS.FL.6] F2 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying TVM mode (END ; BEG) in status bar; CLEAR for not displaying TVM mode (END ; BEG) in status bar Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS_FL_page_6.pdf
SBtvm	--	Show TVM mode	Flag	SET	(END ; BEG)	Status	Menu [CFL6 (SYS.FL).6] F2	SET for displaying TVM mode (END ; BEG) in status bar; CLEAR for not displaying TVM mode (END ; BEG) in status bar Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
SBwoy	--	Show Week of Year and day number	Flag	CLEAR	(WwW-dw)	Status	Menu [SYS.FL.6] F3 (Also) reached from MENU (item, nonpgm) CFL6	SET for displaying Week of Year and day number (WwW-dw) in status bar; CLEAR for not displaying Week of Year and day number (WwW-dw) in status bar (Info : SBwoy, SDate and SBtime are linked, only two out of three can be SET at most) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS_FL_page_6.pdf
SBwoy	--	Show Week of Year and day number	Flag	CLEAR	(WwW-dw)	Status	Menu [CFL6 (SYS.FL).6] F3	SET for displaying Week of Year and day number (WwW-dw) in status bar; CLEAR for not displaying Week of Year and day number (WwW-dw) in status bar (Info : SBwoy, SDate and SBtime are linked, only two out of three can be SET at most) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
[SCATR]	SCATR	Scatter plot	MENU (item)			Measurement	Menu [REGR.1] gF6	Scatter plot of measurements (programmable) (Info : CENTRL (re)starts menu SCATR ; when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REGR_page_1.pdf
SCI	SCI 0	SCientific notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.1] F2	Set numeric display mode to scientific notation with nn decimals = nn+1 digits (NDEC = nn = 0-19 ; DF = 2) (TAM : SCI __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
SCI	SCI 0	SCientific notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [MLoads.1] gF4	Set numeric display mode to scientific notation with nn decimals = nn+1 digits (NDEC = nn = 0-19 ; DF = 2) (TAM : SCI __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MLoads_page_1.pdf
SCI	SCI 0	SCientific notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [PLoads.1] gF4	Set numeric display mode to scientific notation with nn decimals = nn+1 digits (NDEC = nn = 0-19 ; DF = 2) (TAM : SCI __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLoads_page_1.pdf
SCI	SCI 0	SCientific notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [Struct.1] gF2	Set numeric display mode to scientific notation with nn decimals = nn+1 digits (NDEC = nn = 0-19 ; DF = 2) (TAM : SCI __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Struct_page_1.pdf
SCIOVR	SCIOVR 0	Scientific display large Real numbers	Setting (pgm)	ON	<no annunciator>	Display	Menu [DISP.2] gF1	Switch on displaying large Real numbers in scientific notation Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
SDIGS	SDIGS34	Set significant digits	Setting (pgm)	34	<no annunciator>	Mathematics	Menu [TVM.1] gF3	Set the number of significant digits (1-34) for rounding after each operation ; sets tolerance of solvers, plotting and CONV6? ; value of 0 sets maximum precision (34) (TAM : SDIGS __ TamNonReg menu ; Info : when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
SDIGS	SDIGS34	Set significant digits	Setting (pgm)	34	<no annunciator>	Mathematics	Menu [MODE.1] F4	Set the number of significant digits (1-34) for rounding after each operation ; sets tolerance of solvers, plotting and CONV6? ; value of 0 sets maximum precision (34) (TAM : SDIGS __ TamNonReg menu ; Info : when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_1.pdf
SDIGS	SDIGS34	Set significant digits	Setting (pgm)	34	<no annunciator>	Mathematics	Menu [ToolS.1] F1	Set the number of significant digits (1-34) for rounding after each operation ; sets tolerance of solvers, plotting and CONV6? ; value of 0 sets maximum precision (34) (TAM : SDIGS __ TamNonReg menu ; Info : when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolSlv_page_1.pdf
SDIGS	SDIGS34	Set significant digits	Setting (pgm)	34	<no annunciator>	Mathematics	Menu [PREF.1] F3	Set the number of significant digits (1-34) for rounding after each operation ; sets tolerance of solvers, plotting and CONV6? ; value of 0 sets maximum precision (34) (TAM : SDIGS __ TamNonReg menu ; Info : when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_1.pdf
SDIGS#	SDIGS#	Get significant digits	Command	34		Mathematics	Menu [INFO.2] fF3	Get the number of significant digits (1-34) for rounding after each operation (Info : Set by SDIGS) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_2.pdf
SDL	SDL	Shift Digits Left	Function (monadic)			Reals	Menu [REAL.1] fF1	Shift digits of Integer Part of real number to the left (zeros are added) (TAM : SDL __ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
SDR	SDR	Shift Digits Right	Function (monadic)			Reals	Menu [REAL.1] fF2	Shift digits of Integer Part of real number to the right (digits are dropped) (TAM : SDR __ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
Se²	--	2nd eccentricity squared	Constant			Constants	Menu [CNST.3] gF2	Constant $\approx 48 \text{ Se}^2 \text{ sq.eccen}^2 = +6.73948674228 \times 10^{-3}$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SECOND	SECOND	Seconds	Function (monadic)			Time functions	Menu [CLK.2]gF4 (Also) reached from MENU (item) DTSET	Seconds (of time in X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
SECOND	SECOND	Seconds	Function (monadic)			Time functions	Menu [DTSET (CLK).1]gF4	Seconds (of time in X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
[SecPrp:]	SecPrp:	Section properties conversions	MENU			Miscellaneous conversions	Catalog CAT.MENUS SecPrp:	Convert between units of section properties ; typical properties given in tables of steel/ALU sections (Info : Flag CONV _W may be SET for <to> <f> <to> unit conversion buttons ; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
[SecPrp:]	SecPrp:	Section properties conversions	MENU			Miscellaneous conversions	Menu [Struct.1]F1	Convert between units of section properties ; typical properties given in tables of steel/ALU sections (Info : Flag CONV _W may be SET for <to> <f> <to> unit conversion buttons ; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Struct_page_1.pdf
[SecPrp:]	SecPrp:	Section properties conversions	MENU			Miscellaneous conversions	Menu [SecPrp.1]gF2	Convert between units of section properties ; typical properties given in tables of steel/ALU sections (Info : Flag CONV _W may be SET for <to> <f> <to> unit conversion buttons ; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SecPrp_page_1.pdf
SEED	SEED	Seed	Command			Probability	Menu [PROB.1]fF1	Set seed for the pseudo random number generators RAN _W and RAN _{IN} (Info : If X = 0, then SEED will use a combination of available memory and current time to create a random-like new seed ; for any other (numeric) input the resulting pseudo random sequence will be repeatable) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROB_page_1.pdf
Se ²	--	1st eccentricity squared	Constant			Constants	Menu [CNST.3]gF1	Constant # 48 Se ² sq.eccent1 = +6.69437998014 × 10 ⁻³ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
SETDAT	SETDAT	Set date	Setting (pgm, HW)		<no annunciator>	Time functions	Menu [CLK.2]fF1 (Also) reached from MENU (item) DTSET	Set date ; hardware only (DMCP setting) (Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
SETDAT	SETDAT	Set date	Setting (pgm, HW)		<no annunciator>	Time functions	Menu [DTSET (CLK).1]fF1	Set date ; hardware only (DMCP setting) (Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
SETT	--	SETT	User Program			Test programs	See description	SETT example program, available to load from PROGRAMS/SETT.p47, using READP -- see https://forum.swissmicros.com/viewtopic.php?p=33113#p33113 (Info : Example to effect bundled settings for different calculator setups) [https://forum.swissmicros.com/viewtopic.php?p=33113#p33113]
SETTIM	SETTIM	Set time	Setting (pgm, HW)		<no annunciator>	Time functions	Menu [CLK.2]fF2 (Also) reached from MENU (item) DTSET	Set time ; hardware only (DMCP setting) (Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
SETTIM	SETTIM	Set time	Setting (pgm, HW)		<no annunciator>	Time functions	Menu [DTSET (CLK).1]fF2	Set time ; hardware only (DMCP setting) (Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
SF	SF	Set flag	Command			Programming	Menu [FLAG.1]F1	Set flag (TAM ; SF ... TamFlag menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
Sf ⁻¹	--	Flattening factor	Constant			Constants	Menu [CNST.3]gF3	Constant # 50 Sf ⁻¹ f.flatteng = +2.98257223583 × 10 ² Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
SH.4s	SH.4s □	Shift time-out of 4s	Setting	OFF	<no annunciator>	User interface	Menu [MODE.3]F3	Switch on shift time-out of 4s ; not programmable - in PEM, use flag SH.4s (Info : For layouts containing key [f/g] only) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
SH.4s	SH.4s □	Shift time-out of 4s	Setting	OFF	<no annunciator>	User interface	Menu [PREF.3]F3	Switch on shift time-out of 4s ; not programmable - in PEM, use flag SH.4s (Info : For layouts containing key [f/g] only) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
SH.4s	--	Shift time-out of 4s	Flag	CLEAR	<no annunciator>	User interface	Menu [SYS.FL.6]F4 (Also) reached from MENU (item, nonpgm) CFL6	SET for shift time-out of 4s ; CLEAR for shift time-out of 4s inactive (Info : For layouts containing key [f/g] only) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS_FL_page_5.pdf
SH.4s	--	Shift time-out of 4s	Flag	CLEAR	<no annunciator>	User interface	Menu [CFL6 (SYS.FL).6]F4	SET for shift time-out of 4s ; CLEAR for shift time-out of 4s inactive (Info : For layouts containing key [f/g] only) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_5.pdf
short cwt→kg	--	short cwt to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1]fF3	Convert short hundredweight to kilogram (T1 : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
short ton→kg	--	short ton to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.2]F3	Convert short ton to kilogram (T1 : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SHOW	SHOW	Show	Command			Stack and registers	Keyboard f[.]	Show item in maximum detail, according to data type (tag) : Long integers up to 10^{123} will be displayed in large numeric font ; up to 10^{116} in the medium standard font and up to 10^{1000} in tiny font ; Real numbers in SIG 6, UNIT 3, SCI 3 ; Complex numbers (RECT and POLAR) in SIG 4 ; Virtual compound data types are shown with all digits in large, medium or tiny font (Info : Key [R/S] changes view for Long integers ; Virtual compound data types (font size, next page) ; use [F] or [S] to scroll through all registers (and matrix variables) ; when menu XFCMS is open, if XYZ contains result in Virtual compound data type, SHOW displays X : XY+Z = <value> and ditto for T : TA+B and for the dedicated triple register storage, e.g. R88 : FMA: (fused multiply-add) ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
SIG	SIG 0	SiGnificant digits notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.1] F5	Set numeric display mode to significant digits notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 4) ; switching over to scientific or engineering notation when number of rounded trailing zeros exceeds group size (IPGRP) (TAM : SIG ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
SIG	SIG 0	SiGnificant digits notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [Struct.1] gF5	Set numeric display mode to significant digits notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 4) ; switching over to scientific or engineering notation when number of rounded trailing zeros exceeds group size (IPGRP) (TAM : SIG ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Struct_page_1.pdf
SIG0	--	Apply SIG zeros	Flag	SET	<no annunciator>	Display	Menu [SYS.FL.6] F5 (Also) reached from MENU (item, nonpgm) CFL6	SET for applying SIG zeros ; CLEAR for not applying SIG zeros (Info : 'Apply SIG zeros' means displaying zeros for the integer part and trailing zeros for the fractional part ; zeros are required for the strict interpretation of SIG as implemented in prior C47/C43 and WP34S ; if SIG0 is CLEAR, SIG may be understood as 'maximum digits' and displays the resulting value in a more commonly used way) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
SIG0	--	Apply SIG zeros	Flag	SET	<no annunciator>	Display	Menu [CFL6 (SYS.FL.6)] F5	SET for applying SIG zeros ; CLEAR for not applying SIG zeros (Info : 'Apply SIG zeros' means displaying zeros for the integer part and trailing zeros for the fractional part ; zeros are required for the strict interpretation of SIG as implemented in prior C47/C43 and WP34S ; if SIG0 is CLEAR, SIG may be understood as 'maximum digits' and displays the resulting value in a more commonly used way) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
SIG0	SIG0 ■	Apply SIG zeros	Setting (pgm)	ON	<no annunciator>	Display	Menu [DISP.2] gF3	Switch on applying SIG zeros (Info : 'Apply SIG zeros' means displaying zeros for the integer part and trailing zeros for the fractional part ; zeros are required for the strict interpretation of SIG as implemented in prior C47/C43 and WP34S ; if SIG0 is CLEAR, SIG may be understood as 'maximum digits' and displays the resulting value in a more commonly used way) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_2.pdf
sign	sign	Sign	Function (monadic)			Reals	Menu [REAL.1] F5	Sign of number (Info : Sign is -1 for negative numbers, 0 for zero, +1 for positive numbers ; for nonzero Complex numbers, sign(z) = z / z (a.k.a. UNITV)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REAL_page_1.pdf
SIGNMT	SIGNMT 0	Sign and mantissa	Setting (pgm)	OFF	<w>s	Bits and bytes	Menu [BITSET.1] fF4	Set sign and mantissa mode for Short integer (ISM = -1) (Info : <w> in SBI indicates word size (menu BITSET) ; SBI <w>s is shown if flag SBint is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
[SIM EQ]	SIM_EQ	Matrix simultaneous equations	MENU (item)			Matrix operations	Menu [MATX.1] F5	Matrix simultaneous equations : Mat A · Mat X = Mat B, where Mat A is the equation coefficient matrix and Mat B is the equation result vector ; Mat X is the equation solution vector (TAM : SIM_EQ ___ TamNonReg menu to enter number of equations ; Info : CAT.MENU M_SIMQ) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
SIN	SIN	Sine	Function (monadic)			Trigonometry	Keyboard f[I]	Sine Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
SIN	SIN	Sine	Function (monadic)			Trigonometry	Menu [TRG....1] F4	Sine Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
SIN	SIN	Sine	Function (monadic)			Trigonometry	Menu [FCNS.3] F5	Sine Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
SIN	SIN	Sine	Function (monadic)			Trigonometry	Menu [NEW (EQ_EDIT).2] F1	Sine Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_2.pdf
SIN	SIN	Sine	Function (monadic)			Trigonometry	Menu [EDIT (EQ_EDIT).2] F1	Sine Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_2.pdf
SIN	--	Sine	Symbol			Trigonometry and characters	See description	Sine (Shortcut : <none>)
sinc	sinc	Sinc	Function (monadic)			Mathematics	Menu [TRG.1] fF1	Calculate (Sine of X) / X (Info : Integers and untagged reals are assumed to be radians) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TRG_page_1.pdf
sinc	sinc	Sinc	Function (monadic)			Mathematics	Menu [TRG....1] fF1	Calculate (Sine of X) / X (Info : Integers and untagged reals are assumed to be radians) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
sinc	sinc	Sinc	Function (monadic)			Mathematics	Menu [TRG_R47.1] gF5	Calculate (Sine of X) / X (Info : Integers and untagged reals are assumed to be radians) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_R47_page_1.pdf
sinc	sinc	Sinc	Function (monadic)			Mathematics	Menu [FCNS.3] F6	Calculate (Sine of X) / X (Info : Integers and untagged reals are assumed to be radians) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
sincπ	sinc π	Sinc pi	Function (monadic)			Mathematics	Menu [TRG.1] fF2	Calculate (Sine of $\pi \times X$) / ($\pi \times X$) (Info : Integers and untagged reals are assumed to be radians) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_page_1.pdf
sincπ	sinc π	Sinc pi	Function (monadic)			Mathematics	Menu [TRG....1] fF2	Calculate (Sine of $\pi \times X$) / ($\pi \times X$) (Info : Integers and untagged reals are assumed to be radians) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
sincπ	sinc π	Sinc pi	Function (monadic)			Mathematics	Menu [TRG_R47.1] gF6	Calculate (Sine of $\pi \times X$) / ($\pi \times X$) (Info : Integers and untagged reals are assumed to be radians) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_R47_page_1.pdf
sincπ	sinc π	Sinc pi	Function (monadic)			Mathematics	Menu [FCNS.3] fF1	Calculate (Sine of $\pi \times X$) / ($\pi \times X$) (Info : Integers and untagged reals are assumed to be radians) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
sinh	sinh	Hyperbolic sine	Function (monadic)			Mathematics	Menu [EXP.1] gF1	Hyperbolic sine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EXP_page_1.pdf
sinh	sinh	Hyperbolic sine	Function (monadic)			Mathematics	Menu [TRG....1] gF1	Hyperbolic sine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TRG_MORE_page_1.pdf
sinh	sinh	Hyperbolic sine	Function (monadic)			Mathematics	Menu [FCNS.3] fF2	Hyperbolic sine Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
SINT	SINT	Short integer	Function (monadic)			Integers	Menu [INTS.1] gF5	Convert to Short integer (8.B2-8.16) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INTS_page_1.pdf
SINT?	SINT?	Short integer?	Command (logical)			Programming	Menu [TEST.2] F1	Test type of X is Short integer (8.B2-8.16) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_2.pdf
SKIP	SKIP	Skip	Command (PEM)			Programming	Menu [P.FN3.1] fF1	Skip n program steps (TAM : SKIP ____ TamNonReg menu ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Skipping_program_steps.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN3_page_1.pdf
SL	SL	Shift Left (1)	Function (monadic)			Number bases	Menu [BITS.2] F1 (Also) reached from MENU (item) BITSHFT	Shortcut to Shift Left (1 bit) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_2.pdf
SL	SL	Shift Left (1)	Function (monadic)			Number bases	Menu [BITSHFT (BITS).1] F1	Shortcut to Shift Left (1 bit) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSHFT_page_1.pdf
slinch→kg	--	slinch to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] gF3	Convert slinch to kilogram ; this is the same conversion as lbf·s ² /in·kg on [Mass:2] gF3 (T1 : kg.) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
SLn	SLn	Shift Left	Function (monadic)			Number bases	Menu [BITS.2] fF1 (Also) reached from MENU (item) BITSHFT	Shift Left with number of bits (trailing input) (TAM : SLn ____ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_2.pdf
SLn	SLn	Shift Left	Function (monadic)			Number bases	Menu [BASE2.1] gF2	Shift Left with number of bits (trailing input) (TAM : SLn ____ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
SLn	SLn	Shift Left	Function (monadic)			Number bases	Menu [BITSHFT (BITS).1] fF1	Shift Left with number of bits (trailing input) (TAM : SLn ____ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSHFT_page_1.pdf
SLOW	--	Slow mode	Flag	CLEAR	<no annunciator>	System	Menu [SYS.FL.6] F6 (Also) reached from MENU (item, nonpgm) CFLG	SET for slow mode ; CLEAR for slow mode inactive (Info : Slow mode limits battery drain) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
SLOW	--	Slow mode	Flag	CLEAR	<no annunciator>	System	Menu [CFLG (SYS.FL).6] F6	SET for slow mode ; CLEAR for slow mode inactive (Info : Slow mode limits battery drain) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_6.pdf
slug→kg	--	slug to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] gF1	Convert slug to kilogram ; this is the same conversion as lbf·s ² /ft·kg on [Mass:2] gF1 (T1 : kg.) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
SLVC	SLVC	Solve cubic	Command			RPN Calculus and plotting	Menu [ADV.1] gF3	Solve the cubic equation : $a_3 \times x^3 + a_2 \times x^2 + a_1 \times x + a_0 = 0$; parameters taken from 4 coefficients on the stack or from a 1x4 or 4x1 coefficient vector in X ; SLVC also solves linear equations for 1x2 or 2x1 input and quadratic for 1x3 or 3x1 ; tolerance set by SDIGS (Info : a3 ENTER a2 ENTER a1 ENTER a0 SLVC ; roots 1, 2, 3 in Z, Y, X ; for vector input, roots are returned in a vector ; tzyx→y0, is available on menu [V+→V.1] F5 to create a 1x4 coefficient vector (also yx→y2, zyx→y3)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
SlvCnst	--	SlvCnst	User Program			Test programs	Menu [PROGS.2] fF5 (Also) reached from MENU (TAM, ASM) PROG	SlvCnst test program, available to load from PROGRAMS/ALLPGMS/SlvCnst.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
SlvCnst	--	SlvCnst	User Program			Test programs	Menu [PROG (PROGS).2] fF5	SlvCnst test program, available to load from PROGRAMS/ALLPGMS/SlvCnst.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
SlvExtr	--	SlvExtr	User Program			Test programs	Menu [PROGS.2] fF6 (Also) reached from MENU (TAM, ASM) PROG	SlvExtr test program, available to load from PROGRAMS/ALLPGMS/SlvExtr.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
SlvExtr	--	SlvExtr	User Program			Test programs	Menu [PROG (PROGS).2] fF6	SlvExtr test program, available to load from PROGRAMS/ALLPGMS/SlvExtr.p7, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SLVP	SLVP	Solve polynomial	Command			RPN Calculus and plotting	Menu [ADV.1] gF4	Solve the polynomial equation : $a_n \times x^n + a_{n-1} \times x^{n-1} + \dots + a_0 = 0$, $n \leq 11$; parameters taken from a 1 x n+1 or n+1 x 1 coefficient vector in X ; tolerance set by SDIGS (Ref : https://n7calc.com/doc/Application%20Notes/AN0033_CN7_R47_DE_Polynomial_roots.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
SLVQ	SLVQ	Solve quadratic	Command			RPN Calculus and plotting	Menu [ADV.1] gF2	Solve the quadratic equation : $a \times x^2 + b \times x + c = 0$; parameters taken from 3 coefficients on the stack or from a 1x3 or 3x1 coefficient vector in X ; SLVQ also solves linear equations for 1x2 or 2x1 input and cubic for 1x4 or 4x1 ; tolerance set by SDIGS (Info : a ENTER b ENTER c SLVQ ; roots 1, 2 in Y, X ; for vector input, roots are returned in a vector ; $zyx \rightarrow yz$ is available on menu [9 $\leftrightarrow$ 9.1] F3 to create a 1x3 coefficient vector (also $yx \rightarrow yz$, $tzx \rightarrow yz$) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
sn(u,m)	sn(u,m)	Elliptic sine	Function (dyadic)			Mathematics	Menu [Ellipt.1] F1	Elliptic sine (Parameter : u = X ; m = Y ; Info : u is Real number (1.0), not an Angle (1.1-1.5)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Ellipt_page_1.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Menu [I/O.1] gF5	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_1.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Menu [BLUE7.2] fF1	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_2.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Keyboard alpha g[EXIT]	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Menu [Draw ₀ (PLFUNC).2] gF2	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_2.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Menu [Draw (PLFUNC).2] gF2	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_2.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Menu [PLSTAT.2] gF2	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_2.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Keyboard longpress [EXIT]	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
SNAP	SNAP	Screenshot	Command			Input-Output	Menu [HOME.1] fF3	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [Cf+] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SNAP	SNAP	Screenshot	Command			Input-Output	Menu [PLTFCNS (PLFUNC.2)]gF2	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound (Shortcut : [←] + [CHS] (DMCP-shortcut for screenshot bitmap only); longpress [EXIT]; NIM long [EXIT]; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS<YYYYMMDD>HHMMSSB&.bmp ; SNAP also appends data to file DATA<YYYYMMDD>HHMMSSB&.REGS.TSV ; new datafile after timeout of 2 minutes) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_2.pdf
SOLVE	SOLVE	Solver (RPN)	Command (submnv)		<no annunciator>	RPN Calculus and plotting	Menu [ADV.1]F5	Real solver for the RPN program (with MVAR variables) selected with TamLbOnly menu ; presents menu for initial guesses and variable selection ; interrupt by [EXIT] ; tolerance set by SDIGS ; in Program Entry Mode, the RPN program must be specified by PGMSLV and the variable to solve for using the TamVarOnly menu ; SOLVE will skip the next program step if no root is found (TAM : SOLVE ... TamLbOnly menu (uses TamVarOnly menu in PEM, to specify variable to solve for) ; Info : displays current top and bottom results and iteration counter ; shown if flag MONIT is SET ; Displays : Accuracy $\approx$; <var1.n> => Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ADV_page_1.pdf
SOLVING	--	Solving	Flag (system)	CLEAR	<no annunciator>	Solver	Menu [SYS.FL.6]fF1 (Also) reached from MENU (item, nonpgm) CFLG	SET for solver running ; CLEAR for solver not running Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
SOLVING	--	Solving	Flag (system)	CLEAR	<no annunciator>	Solver	Menu [CFLG (SYS.FL.6)]FF1	SET for solver running ; CLEAR for solver not running Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_6.pdf
SPC _L	ISPC _L ⑥	IP separator space	Setting (pgm)	ON	<no annunciator>	Display	Menu [IPART.1]F5 (Also) reached from MENU (item, nonpgm) IPART _L	Set integer part separator to space Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
SPC _L	FSPC _L ⑥	FP separator space	Setting (pgm)	ON	<no annunciator>	Display	Menu [FPART.1]F5 (Also) reached from MENU (item, nonpgm) FPART _L	Set fractional part separator to space Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
SPCRES	SPCRES ③	Special results	Setting	ON	<no annunciator>	Mathematics	Menu [MODE.2]F4	Switch on special results ; not programmable - in PEM, use flag SPCRES (Info : Special results are: infinity (∞) and not-a-number (NaN), an error will not occur for such values when SPCRES is SET ; also, ∞, may be used) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_2.pdf
SPCRES	SPCRES ③	Special results	Setting	ON	<no annunciator>	Mathematics	Menu [PREF.2]F4	Switch on special results ; not programmable - in PEM, use flag SPCRES (Info : Special results are: infinity (∞) and not-a-number (NaN), an error will not occur for such values when SPCRES is SET ; also, ∞, may be used) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_2.pdf
SPCRES	--	Special results	Flag	SET	<no annunciator>	Mathematics	Menu [SYS.FL.6]fF2 (Also) reached from MENU (item, nonpgm) CFLG	SET for special results ; CLEAR for special results inactive (Info : Special results are: infinity (∞) and not-a-number (NaN), an error will not occur for such values when SPCRES is SET ; also, ∞, may be used) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
SPCRES	--	Special results	Flag	SET	<no annunciator>	Mathematics	Menu [CFLG (SYS.FL.6)]fF2	SET for special results ; CLEAR for special results inactive (Info : Special results are: infinity (∞) and not-a-number (NaN), an error will not occur for such values when SPCRES is SET ; also, ∞, may be used) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_6.pdf
SPEC?	SPEC?	Special?	Command (logical)			Programming	Menu [TEST.3]gF5	Test X is special (∞ or NaN) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
Speed	--	Speed	User Program			Test programs	Menu [PROGS.2]gF1 (Also) reached from MENU (TAM, ASM) PROG	Speed test program, available to load from PROGRAMS/ALLPGMS/Speed.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
Speed	--	Speed	User Program			Test programs	Menu [PROG (PROGS.2)]gF1	Speed test program, available to load from PROGRAMS/ALLPGMS/Speed.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
[Speed ₁]	Speed ₁	Speed conversions	MENU		<no annunciator>	Speed conversions	Menu [CONV.1]fF4	Convert between units of speed (Info : Flag CONV ₁ may be SET for <to> <j> <to> unit conversion buttons ; CLEAR for <from> <j> <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Speed ₁]	Speed ₁	Speed conversions	MENU		<no annunciator>	Speed conversions	Catalog CAT.MENUS Speed ₁	Convert between units of speed (Info : Flag CONV ₁ may be SET for <to> <j> <to> unit conversion buttons ; CLEAR for <from> <j> <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Speed_page_1.pdf
SPIRAL	--	SPIRAL	User Program			Test programs	Menu [PROGS.2]gF2 (Also) reached from MENU (TAM, ASM) PROG	SPIRAL test program, available to load from PROGRAMS/ALLPGMS/SPIRAL.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
SPIRAL	--	SPIRAL	User Program			Test programs	Menu [PROG (PROGS.2)]gF2	SPIRAL test program, available to load from PROGRAMS/ALLPGMS/SPIRAL.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
SPIRALk	--	SPIRALk	User Program			Test programs	See description	SPIRALk example program, available to load from PROGRAMS/SPIRALk.p47, using READP -- see https://forum.swissmicros.com/viewtopic.php?p=35422#p35422 (Info : Revised spiral program by Jaco Mostert, modified by R4prism, barrymead) [https://forum.swissmicros.com/viewtopic.php?p=35422#p35422]
SR	SR	Shift Right (1)	Function (monadic)			Number bases	Menu [BITS.2]F2 (Also) reached from MENU (item) BITSHFT	Shortcut to Shift Right (1 bit) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
SR	SR	Shift Right (1)	Function (monadic)			Number bases	Menu [BITSHT (BITS).1] F2	Shortcut to Shift Right (1 bit) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSHT_page_1.pdf
SRESET	SRESET	Safe reset f/g timers	Command			User interface	Menu [MODE.3] F1	Safe reset, then toggle ON/OFF the timing related user interface options: fg.FUL  g.2Tp  SH.4s  HOME/F  Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_3.pdf
SRESET	SRESET	Safe reset f/g timers	Command			User interface	Menu [PREF.3] F1	Safe reset, then toggle ON/OFF the timing related user interface options: fg.FUL  g.2Tp  SH.4s  HOME/F  Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_3.pdf
SRn	SRn	Shift Right	Function (monadic)			Number bases	Menu [BITS.2] fF2 (Also) reached from MENU (item) BITSHT	Shift Right with number of bits (trailing input) (TAM : SRn ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_2.pdf
SRn	SRn	Shift Right	Function (monadic)			Number bases	Menu [BASE2.1] gF3	Shift Right with number of bits (trailing input) (TAM : SRn ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
SRn	SRn	Shift Right	Function (monadic)			Number bases	Menu [BITSHT (BITS).1] fF2	Shift Right with number of bits (trailing input) (TAM : SRn ... TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSHT_page_1.pdf
ß	--	sz	Character			Characters	Menu [αINTL.3] gF6	International character ß (Fontcode : 80DF is ; Info : press [4] for ß at [αintL.3] gF6) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ß	--	sz	Character			Characters	Menu [αintL.3] gF6	International character ß (Fontcode : 80DF is ; Info : press [x] for ß at [αintL.3] gF6) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL-lower_page_3.pdf
SSIZE#	SSIZE#	Get Stack size	Command	8	8 ; 4	Stack	Menu [INF0.2] F5	Get Stack size (Info : Set by SSIZE4 or SSIZE8 ; Flag SSIZE8 is default SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_2.pdf
SSIZE4	SSIZE4 	Stack size 4	Setting (pgm)	OFF	4	Stack	Menu [MODE.2] F1	Switch on 4 register stack (Info : SBI 8 ; 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_2.pdf
SSIZE4	SSIZE4 	Stack size 4	Setting (pgm)	OFF	4	Stack	Menu [PREF.2] F1	Switch on 4 register stack (Info : SBI 8 ; 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_2.pdf
SSIZE8	SSIZE8 	Stack Size 8	Setting (pgm)	ON	8	Stack	Menu [MODE.2] F2	Switch on 8 register stack (Info : SBI 8 ; 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MODE_page_2.pdf
SSIZE8	SSIZE8 	Stack Size 8	Setting (pgm)	ON	8	Stack	Menu [PREF.2] F2	Switch on 8 register stack (Info : SBI 8 ; 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PREF_page_2.pdf
SSIZE8	--	Stack Size 8	Flag	SET	8 ; 4	Stack	Menu [SYS.FL.6] fF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for 8 register stack ; CLEAR for 4 register stack (Info : SBI 8 ; 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
SSIZE8	--	Stack Size 8	Flag	SET	8 ; 4	Stack	Menu [CFL6 (SYS.FL).6] fF3	SET for 8 register stack ; CLEAR for 4 register stack (Info : SBI 8 ; 4 is shown if flag SBss is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
	SST	Single step	Command (nonpgm)			Programming	Keyboard f [4]	Single step (Shortcut : [4]) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
Stack	RCLS	Recall stack	Command (TAM)			Trailing input	Menu [TamRcl.1] fF2	Presented in menu TamRcl to recall complete stack from 4 or 8 registers (Shortcut : [RCL] - Stack ; TAM : RCLS ... TamRcl menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
Stack	STOS	Store stack	Command (TAM)			Trailing input	Menu [TamSto.1] fF2	Presented in menu TamSto to store entire stack in 4 or 8 registers (Shortcut : [STO] - Stack ; TAM : STOS ... TamSto menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
[STAT]	STAT	Statistics	MENU			Summary statistics	Keyboard f [:]	Statistics functions (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Formulas.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
[STAT]	STAT	Statistics	MENU			Summary statistics	Catalog CAT.MENU STAT	Statistics functions (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Formulas.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_1.pdf
STAT000	--	STAT000	User Program			Test programs	Menu [PROGS.2] gF3 (Also) reached from MENU (TAM, ASM) PROG	STAT000 test program, available to load from PROGRAMS/ALLPGMS/STAT000.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
STAT000	--	STAT000	User Program			Test programs	Menu [PROG (PROGS).2] gF3	STAT000 test program, available to load from PROGRAMS/ALLPGMS/STAT000.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
STAT001	--	STAT001	User Program			Test programs	Menu [PROGS.2] gF4 (Also) reached from MENU (TAM, ASM) PROG	STAT001 test program, available to load from PROGRAMS/ALLPGMS/STAT001.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
STAT001	--	STAT001	User Program			Test programs	Menu [PROG (PROGS).2] gF4	STAT001 test program, available to load from PROGRAMS/ALLPGMS/STAT001.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf
STAT002	--	STAT002	User Program			Test programs	Menu [PROGS.2] gF5 (Also) reached from MENU (TAM, ASM) PROG	STAT002 test program, available to load from PROGRAMS/ALLPGMS/STAT002.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
STAT002	--	STAT002	User Program			Test programs	Menu [PROG (PROGS).2] gF5	STAT002 test program, available to load from PROGRAMS/ALLPGMS/STAT002.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROG_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
STAT111	--	STAT111	User Program			Test programs	Menu [PROGS.2] gF8 (Also) reached from MENU (TAM, ASM) PROG	STAT111 test program, available to load from PROGRAMS/ALLPGMS/STAT111.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
STAT111	--	STAT111	User Program			Test programs	Menu [PROG (PROGS).2] gF8	STAT111 test program, available to load from PROGRAMS/ALLPGMS/STAT111.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_2.pdf
STAT113	--	STAT113	User Program			Test programs	Menu [PROGS.3] F1 (Also) reached from MENU (TAM, ASM) PROG	STAT113 test program, available to load from PROGRAMS/ALLPGMS/STAT113.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_3.pdf
STAT113	--	STAT113	User Program			Test programs	Menu [PROG (PROGS).3] F1	STAT113 test program, available to load from PROGRAMS/ALLPGMS/STAT113.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_3.pdf
STAT115	--	STAT115	User Program			Test programs	Menu [PROGS.3] F2 (Also) reached from MENU (TAM, ASM) PROG	STAT115 test program, available to load from PROGRAMS/ALLPGMS/STAT115.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_3.pdf
STAT115	--	STAT115	User Program			Test programs	Menu [PROG (PROGS).3] F2	STAT115 test program, available to load from PROGRAMS/ALLPGMS/STAT115.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_3.pdf
STATE	STATE	Last statefile loaded	Command			Input-Output	Menu [INFO.1] fF8	Get name of last full statefile or backup loaded from STATE/<state>.s47, SAVFILES/R47.sav or SAVFILES/R47auto.sav (TI : Last full state file loaded: <date>: <file>) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_1.pdf
STATgr	--	STATgr	User Program			Test programs	Menu [PROGS.3] F3 (Also) reached from MENU (TAM, ASM) PROG	STATgr test program, available to load from PROGRAMS/ALLPGMS/STATgr.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_3.pdf
STATgr	--	STATgr	User Program			Test programs	Menu [PROG (PROGS).3] F3	STATgr test program, available to load from PROGRAMS/ALLPGMS/STATgr.p47, using READP (after unzipping resources/testPgms.zip) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_3.pdf
STATS	STATS	Statistics matrix	Variable (matrix)			Plotting and statistics	Menu [MATRS.1] F5	Reserved Matrix variable (cannot be deleted) for the statistics matrix (STATS) ; created from data entered using I+ ; not created after RESET (TI : Re-calculating sums ... ; may be shown when storing or loading the statistics matrix) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATRS_page_1.pdf
STATS	STATS	Statistics matrix	Variable (matrix)			Plotting and statistics	Menu [ALL.1] gF2 (Also) reached from MENU (ASM) VAR	Reserved Matrix variable (cannot be deleted) for the statistics matrix (STATS) ; created from data entered using I+ ; not created after RESET (TI : Re-calculating sums ... ; may be shown when storing or loading the statistics matrix) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALLVARS_page_1.pdf
STATS	STATS	Statistics matrix	Variable (matrix)			Plotting and statistics	Menu [VAR (ALL).1] gF2	Reserved Matrix variable (cannot be deleted) for the statistics matrix (STATS) ; created from data entered using I+ ; not created after RESET (TI : Re-calculating sums ... ; may be shown when storing or loading the statistics matrix) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VAR_page_1.pdf
STATUS	STATUS	Status	Browser			Status	Menu [FLAG.1] F4	Show status pages (status overview, system flags, flags 00-99, lettered flags) (Info : Press [EXIT] to exit Status and browse using [↑] and [↓] ; browser FLGS (g[4]) shows the same status pages in a different order ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Flags_p1.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLAG_page_1.pdf
[STK]	STK	Stack	MENU			Stack	Menu [BLUE7.1] F3	Stack functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_1.pdf
[STK]	STK	Stack	MENU			Stack	Keyboard g [x2y]	Stack functions Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
[STK]	STK	Stack	MENU			Stack	Catalog CAT.MENU STK	Stack functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
[STK]	STK	Stack	MENU			Stack	Keyboard longerpress [x2y]	Stack functions Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
ST0	ST0	Store	Command			Stack	Keyboard [ST0]	Store X in global register or variable and create variable if it does not exist ; maximum variable length is : 7 characters (TAM : ST0 ... TamSto menu (TamStoTVM when menu TVM is open) ; Info : local registers .00-99 etc. need to be allocated using LocR nn+1 ; TI : Rnn: or '<var>' ; (or R.nn: or or '<var>') ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Variable_naming.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
ST0	ST0	Store	Command			Stack	Keyboard normalSIM [n]	Store X in global register or variable and create variable if it does not exist ; maximum variable length is : 7 characters (TAM : ST0 ... TamSto menu (TamStoTVM when menu TVM is open) ; Info : local registers .00-99 etc. need to be allocated using LocR nn+1 ; TI : Rnn: or '<var>' ; (or R.nn: or or '<var>') ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Variable_naming.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
ST0-	ST0-	Subtract X from register	Function (monadic)			Stack	Catalog CAT.FCNS ST0-	Subtract X from register or variable (Shortcut : [ST0] - [-] ; TAM : ST0- ... TamSto menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
ST0↑	ST0↑	Store maximum	Command			Stack	Catalog CAT.FCNS ST0↑	Store maximum of X and register or variable (Shortcut : [ST0] - [↑] ; TAM : ST0↑ ... TamSto menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ST0↓	ST0↓	Store minimum	Command			Stack	Catalog CAT.FCNS ST0↓	Store minimum of X and register or variable (Shortcut : [ST0] - [4] ; TAM : ST0↓ ___ TamSto menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
ST0+	ST0+	Add X into register	Function (monadic)			Stack	Catalog CAT.FCNS ST0+	Add X into register or variable ; if X is a text string, the target is converted to text string and X is concatenated (Shortcut : [ST0] - [+]; TAM : ST0+ ___ TamSto menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
ST0÷	ST0÷	Divide X into register	Function (monadic)			Stack	Catalog CAT.FCNS ST0÷	Divide register or variable by X (Shortcut : [ST0] - [÷]; TAM : ST0÷ ___ TamSto menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
ST0×	ST0×	Multiply X into register	Function (monadic)			Stack	Catalog CAT.FCNS ST0×	Multiply register or variable by X (Shortcut : [ST0] - [×]; TAM : ST0× ___ TamSto menu) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
ST0CFG	ST0CFG	Store config	Command			System	Catalog CAT.FCNS ST0CFG	Store config in register or variable (Shortcut : [ST0] - Config ; TAM : ST0CFG ___ TamSto menu ; Info : displays "Configuration data" in the stack) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
ST0EL	ST0EL	Store X into matrix element	Command			Matrix operations	Menu [MATX.3] gF3	Store X into current element of indexed matrix (Shortcut : [ST0] - Config ; TI : M[I _r J _c]=<name> [<row><col>]=) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
ST0IJ	ST0IJ	Set current matrix index	Command			Matrix operations	Menu [MATX.3] F3	Set current matrix index (row I and column J) (Shortcut : [ST0] - ...IJ ; TI : M<name> :I _r = ; M<name> :J _c =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_3.pdf
ST0 _M a	--	Store a in M	Command			Probability (int)	Menu [DisUni.:1] gF1	Store parameter a : lower limit in register M (Split screen : RegM = a =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DisUni_page_1.pdf
ST0 _M a	--	Store a in M	Command			Probability (int)	Menu [Uniform.:1] gF1	Store parameter a : lower limit in register M (Split screen : RegM = a =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Uniform_page_1.pdf
ST0 _M d ₁	--	Store d ₁ in M	Command			Probability (real)	Menu [F.:1] gF1	Store parameter d ₁ : degree of freedom in register M (Split screen : RegM = d ₁ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F_page_1.pdf
ST0 _M N	--	Store N in M	Command			Probability (int)	Menu [Hyper.:1] gF1	Store parameter N : population size in register M (Split screen : RegM = N =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Hyper_page_1.pdf
ST0 _M x ₀	--	Store x ₀ in M	Command			Probability (real)	Menu [Cauch.:1] gF1	Store parameter x ₀ : location in register M (Split screen : RegM = x ₀ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Cauch_page_1.pdf
ST0 _M μ	--	Store μ in M	Command			Probability (real)	Menu [Logis.:1] gF1	Store parameter μ : location in register M (Split screen : RegM = μ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Logis_page_1.pdf
ST0 _M μ	--	Store μ in M	Command			Probability (real)	Menu [Norml.:1] gF1	Store parameter μ : location in register M (Split screen : RegM = μ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Norml_page_1.pdf
ST0 _M μ	--	Store μ in M	Command			Probability (real)	Menu [GEV.:1] gF1	Store parameter μ : location in register M (Split screen : RegM = μ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_GEV_page_1.pdf
ST0 _M μ	--	Store μ in M	Command			Probability (real)	Menu [Pareto.:1] gF1	Store parameter μ : location in register M (Split screen : RegM = μ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Pareto_page_1.pdf
ST0 _M v	--	Store v in M	Command			Probability (real)	Menu [χ ² .:1] gF1	Store parameter v : degrees of freedom in register M (Split screen : RegM = v =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chi2_page_1.pdf
ST0 _M v	--	Store v in M	Command			Probability (real)	Menu [t.:1] gF1	Store parameter v : degrees of freedom in register M (Split screen : RegM = v =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_t_page_1.pdf
ST0 _N b	--	Store b in N	Command			Probability (int)	Menu [DisUni.:1] gF2	Store parameter b : upper limit in register N (Split screen : RegN = b =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DisUni_page_1.pdf
ST0 _N b	--	Store b in N	Command			Probability (int)	Menu [Uniform.:1] gF2	Store parameter b : upper limit in register N (Split screen : RegN = b =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Uniform_page_1.pdf
ST0 _N d ₂	--	Store d ₂ in N	Command			Probability (real)	Menu [F.:1] gF2	Store parameter d ₂ : degree of freedom in register N (Split screen : RegN = d ₂ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_F_page_1.pdf
ST0 _N n	--	Store n in N	Command			Probability (int)	Menu [Binom.:1] gF2	Store parameter n : number of samples in register N (Split screen : RegN = n =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
ST0 _N n	--	Store n in N	Command			Probability (int)	Menu [Hyper.:1] gF2	Store parameter n : number of samples in register N (Split screen : RegN = n =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Hyper_page_1.pdf
stone→kg	--	stone to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.:1] fF1	Convert stone to kilogram (TI : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_1.pdf
ST0 _p p	--	Store p in P	Command			Probability (int)	Menu [Binom.:1] gF1	Store parameter p : probability in register P (Split screen : RegP = p =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Binom_page_1.pdf
ST0 _p p	--	Store p in P	Command			Probability (int)	Menu [Geom.:1] gF1	Store parameter p : probability in register P (Split screen : RegP = p =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Geom_page_1.pdf
STOPW	STOPW	Stopwatch	App			Time functions	Menu [CLK.:1] F6 (Also) reached from MENU (item) DTSET	Stopwatch with running time, counter and countdown (playing BEEP after running down) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
STOPW	STOPW	Stopwatch	App			Time functions	Menu [BLUEV7.2] fF2	Stopwatch with running time, counter and countdown (playing BEEP after running down) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUEV7_page_2.pdf
STOPW	STOPW	Stopwatch	App			Time functions	Menu [MyM.10] F1	Stopwatch with running time, counter and countdown (playing BEEP after running down) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_1.pdf
STOPW	STOPW	Stopwatch	App			Time functions	Menu [HOME.1] gF3	Stopwatch with running time, counter and countdown (playing BEEP after running down) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_HOME_page_1.pdf
ST0 _Q k	--	Store k in Q	Command			Probability (real)	Menu [Weibl.:1] gF1	Store parameter k : shape in register Q (Split screen : RegQ = k =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Weibl_page_1.pdf
ST0 _Q K	--	Store K in Q	Command			Probability (int)	Menu [Hyper.:1] gF3	Store parameter K : number of special items in the pool in register Q (Split screen : RegQ = K =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Hyper_page_1.pdf
ST0 _Q α	--	Store α in Q	Command			Probability (real)	Menu [Pareto.:1] gF3	Store parameter α : shape in register Q (Split screen : RegQ = α =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
ST0 _Q ξ	--	Store ξ in Q	Command			Probability (real)	Menu [GEV.:1] gF3	Store parameter ξ : shape in register Q (Split screen : RegQ = ξ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_GEV_page_1.pdf
ST0 _R λ	--	Store λ in R	Command			Probability (real)	Menu [Expon.:1] gF1	Store parameter λ : rate parameter in register R (Split screen : RegR = λ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Expon_page_1.pdf
ST0 _R λ	--	Store λ in R	Command			Probability (real)	Menu [Poiss.:1] gF1	Store parameter λ : rate parameter in register R (Split screen : RegR = λ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Poiss_page_1.pdf
STOS	STOS	Store stack	Command			Stack	Catalog CAT.FCNS STOS	Store entire stack in 4 or 8 registers (Shortcut : [ST0] - Stack ; TAM : STOS __ TamSto menu) Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
ST0 _S s	--	Store s in S	Command			Probability (real)	Menu [Logis.:1] gF2	Store parameter s : scale in register S (Split screen : RegS = s =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Logis_page_1.pdf
ST0 _S γ	--	Store γ in S	Command			Probability (real)	Menu [Cauch.:1] gF2	Store parameter γ : scale in register S (Split screen : RegS = γ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Cauch_page_1.pdf
ST0 _S λ	--	Store λ in S	Command			Probability (real)	Menu [Weibl.:1] gF2	Store parameter λ : scale in register S (Split screen : RegS = λ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Weibl_page_1.pdf
ST0 _S σ	--	Store σ in S	Command			Probability (real)	Menu [Norml.:1] gF2	Store parameter σ : scale in register S (Split screen : RegS = σ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Norml_page_1.pdf
ST0 _S σ	--	Store σ in S	Command			Probability (real)	Menu [GEV.:1] gF2	Store parameter σ : scale in register S (Split screen : RegS = σ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_GEV_page_1.pdf
ST0 _S σ	--	Store σ in S	Command			Probability (real)	Menu [Pareto.:1] gF2	Store parameter σ : scale in register S (Split screen : RegS = σ =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Pareto_page_1.pdf
STOSEQ	STOSEQ	Store X into matrix element and go to next	Command			Matrix operations	Menu [MATX.3] gF5	Store X into current element of indexed matrix, then increment column index J of indexed matrix ; wraps automatically (TI : M[I ₁ J ₂]=<name> [<row> <col>]=) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_3.pdf
STOVEL	STOVEL	Store X into vector element	Command			Matrix operations	Menu [MATX.1] gF3	Store X into element n (TAM) of vector or matrix in Y (Shortcut : [ST0] - ...VELan ; TAM : STOVEL ____ Tam menu) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_1.pdf
STOVEL ₁	STOVEL ₁	Store X into vector element 1	Command			Matrix operations	Catalog CAT.FCNS STOVEL ₁	Store X into element 1 of vector or matrix in Y Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
STOVEL ₂	STOVEL ₂	Store X into vector element 2	Command			Matrix operations	Catalog CAT.FCNS STOVEL ₂	Store X into element 2 of vector or matrix in Y Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
STOVEL ₃	STOVEL ₃	Store X into vector element 3	Command			Matrix operations	Catalog CAT.FCNS STOVEL ₃	Store X into element 3 of vector or matrix in Y Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
STRACE	STRACE O	Printer mode Stack trace	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.1] gF6	Switch on printer mode Stack trace (flag  TRACE is SET and flag  NORM is SET) (Info : In STRACE mode, the printer prints the stack and alpha strings that are keyed in, names of functions executed from the keyboard, intermediate and final results and output from print functions ; if a program is running, each step is printed as it executes ; in this mode, program listings are printed in condensed form) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PRINT_page_1.pdf
STRACE	STRACE O	Printer mode Stack trace	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.2] gF6	Switch on printer mode Stack trace (flag  TRACE is SET and flag  NORM is SET) (Info : In STRACE mode, the printer prints the stack and alpha strings that are keyed in, names of functions executed from the keyboard, intermediate and final results and output from print functions ; if a program is running, each step is printed as it executes ; in this mode, program listings are printed in condensed form) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PRINT_page_2.pdf
STRI?	STRI?	Text string?	Command (logical)			Programming	Menu [TEST.2] gF1	Test type of X is Text string (S) (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Datatypes.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_2.pdf
[STRINGS]	STRINGS	Text string variables	MENU			Catalog	Menu [VARS.1] fF6	Auto-generated catalog of variables of the specified datatype : Text string (S) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VARS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[STRINGS]	STRINGS	Text string variables	MENU			Catalog	Catalog CAT.MENUS STRINGS	Auto-generated catalog of variables of the specified datatype : Text string (5) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_STRINGS_page_1.pdf
[Struct:]	Struct:	Structural conversions	MENU		<no annunciator>	Miscellaneous conversions	Menu [CONV.1]gF2	Section and material properties, force and moment load conversions (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\nleftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN0027_Cv7_R47_DA_Structural_conversions.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CONV_page_1.pdf
[Struct:]	Struct:	Structural conversions	MENU		<no annunciator>	Miscellaneous conversions	Catalog CAT.MENUS Struct:	Section and material properties, force and moment load conversions (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\nleftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN0027_Cv7_R47_DA_Structural_conversions.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Struct_page_1.pdf
[Struct:]	Struct:	Structural conversions	MENU		<no annunciator>	Miscellaneous conversions	Menu [MatPrp.:1]gF1	Section and material properties, force and moment load conversions (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\nleftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN0027_Cv7_R47_DA_Structural_conversions.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MatPrp_page_1.pdf
[Struct:]	Struct:	Structural conversions	MENU		<no annunciator>	Miscellaneous conversions	Menu [MLoads.:1]gF1	Section and material properties, force and moment load conversions (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\nleftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN0027_Cv7_R47_DA_Structural_conversions.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MLoads_page_1.pdf
[Struct:]	Struct:	Structural conversions	MENU		<no annunciator>	Miscellaneous conversions	Menu [PLoads.:1]gF1	Section and material properties, force and moment load conversions (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\nleftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN0027_Cv7_R47_DA_Structural_conversions.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PLoads_page_1.pdf
[Struct:]	Struct:	Structural conversions	MENU		<no annunciator>	Miscellaneous conversions	Menu [FLoads.:1]gF1	Section and material properties, force and moment load conversions (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\nleftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN0027_Cv7_R47_DA_Structural_conversions.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FLoads_page_1.pdf
[Struct:]	Struct:	Structural conversions	MENU		<no annunciator>	Miscellaneous conversions	Menu [SecPrp.:1]gF1	Section and material properties, force and moment load conversions (Info : Flag CONV _W may be SET for <to> $\leftrightarrow$ <to> unit conversion buttons; CLEAR for <from> $\nleftrightarrow$ <from> unit conversion buttons (default SET) ; Ref : https://n7calc.com/doc/Application%20Notes/AN0027_Cv7_R47_DA_Structural_conversions.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SecPrp_page_1.pdf
SUP _{SUB}	--	Normal-super-subscript	Setting (cyclic)	Normal	$\alpha\alpha^A$; $\alpha\alpha^a$; $\alpha\alpha^M$	Text input	Menu [ALPHA.1]gF3 (Also) reached from MENU (item) [a]	Cycle normal-super-subscript (locking) (Shortcut : alpha g[*] / alpha g[+] ; Info : button shows $\sup_{\text{sub}}$; α^{sup} ; α_{sub}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_ALPHA_page_1.pdf
SUP _{SUB}	--	Normal-super-subscript	Setting (cyclic)	Normal	$\alpha\alpha^A$; $\alpha\alpha^a$; $\alpha\alpha^M$	Text input	Menu [TamAlpha.1]gF3	Cycle normal-super-subscript (locking) (Shortcut : alpha g[*] / alpha g[+] ; Info : button shows $\sup_{\text{sub}}$; α^{sup} ; α_{sub}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamAlpha_page_1.pdf
SUP _{SUB}	--	Normal-super-subscript	Setting (cyclic)	Normal	$\alpha\alpha^A$; $\alpha\alpha^a$; $\alpha\alpha^M$	Text input	Menu [NEW (EQ_EDIT).1]fF3	Cycle normal-super-subscript (locking) (Shortcut : alpha g[*] / alpha g[+] ; Info : button shows $\sup_{\text{sub}}$; α^{sup} ; α_{sub}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_NEW_page_1.pdf
SUP _{SUB}	--	Normal-super-subscript	Setting (cyclic)	Normal	$\alpha\alpha^A$; $\alpha\alpha^a$; $\alpha\alpha^M$	Text input	Menu [EDIT (EQ_EDIT).1]fF3	Cycle normal-super-subscript (locking) (Shortcut : alpha g[*] / alpha g[+] ; Info : button shows $\sup_{\text{sub}}$; α^{sup} ; α_{sub}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDIT_EQN_page_1.pdf
SUP _{SUB}	--	Normal-super-subscript	Setting (cyclic)	Normal	$\alpha\alpha^A$; $\alpha\alpha^a$; $\alpha\alpha^M$	Text input	Menu [α (ALPHA).1]gF3	Cycle normal-super-subscript (locking) (Shortcut : alpha g[*] / alpha g[+] ; Info : button shows $\sup_{\text{sub}}$; α^{sup} ; α_{sub}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_alpha_page_1.pdf
survey ft _{US} →m	--	survey ft _{US} to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.3]F3	Convert US survey foot to metre (Ti : m) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Length_page_3.pdf
SYM (AIM)	--	Activate symbol input	SIM-shift			Simulator	See description	Activate symbol input when in Alpha Input Mode on simulator -- SYM (AIM)
[SYS.FL]	SYS.FL	System flags	MENU (ASM)			Flags	Menu [TamFlag.1]F2	Presented in menu TamFlag for commands accessing system flags (Info : Type characters 1-2 to search ; if SYS.FL is accessed from CAT.MENUS, soft buttons return flag status, otherwise toggle flag status ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Flags_named.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamFlag_page_1.pdf
[SYS.FL]	SYS.FL	System flags	MENU (ASM)			Flags	Catalog CAT.MENUS SYS.FL	Presented in menu TamFlag for commands accessing system flags (Info : Type characters 1-2 to search ; if SYS.FL is accessed from CAT.MENUS, soft buttons return flag status, otherwise toggle flag status ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Flags_named.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_SYS-FL_page_1.pdf
T	--	Register T	EasyAccess (TAM)			Trailing input	Menu [Tam.1]F6	Easy access to Register T (103) : Stack level 4 (Ti : Ti) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Tam_page_1.pdf
T	--	Register T	EasyAccess (TAM)			Trailing input	Menu [TamCmp.1]F6	Easy access to Register T (103) : Stack level 4 (Ti : Ti) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamCmp_page_1.pdf
T	--	Register T	EasyAccess (TAM)			Trailing input	Menu [TamShuffle.1]F6	Easy access to Register T (103) : Stack level 4 (Ti : Ti) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TamShuffle_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\overline{T}$	--	Register $\overline{T}$	EasyAccess (TAM)			Trailing input	Menu [REG.1] gF6	Easy access to Register $\overline{T}$ (103) : Stack level 4 (T1 : T1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
$\overline{T}$	--	Register $\overline{T}$	EasyAccess (TAM)			Trailing input	Menu [TamIndirect.1] F6 (Also) reached from Command (TAM) →	Easy access to Register $\overline{T}$ (103) : Stack level 4 (T1 : T1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamIndirect_page_1.pdf
$\overline{T}$	--	Register $\overline{T}$	EasyAccess (TAM)			Trailing input	Menu [TamRcl.1] F6	Easy access to Register $\overline{T}$ (103) : Stack level 4 (T1 : T1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
$\overline{T}$	--	Register $\overline{T}$	EasyAccess (TAM)			Trailing input	Menu [TamSto.1] F6	Easy access to Register $\overline{T}$ (103) : Stack level 4 (T1 : T1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
$\overline{T}$	--	Register $\overline{T}$	EasyAccess (TAM)			Trailing input	Menu [→ (TamIndirect).1] F6	Easy access to Register $\overline{T}$ (103) : Stack level 4 (T1 : T1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Arrow_page_1.pdf
$\overline{T}$	--	$\overline{T}$	Character			Characters	Keyboard alpha [s]	Character $\overline{T}$ (Fontcode : 0054 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
$\overline{T}$	--	$\overline{T}$	Character			Characters	Keyboard alphaSM [t]	Character $\overline{T}$ (Fontcode : 0054 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
$\overline{t}$	--	$\overline{t}$	Character			Characters	Keyboard alpha f[s]	Character $\overline{t}$ (Fontcode : 0074 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_6.pdf
$\overline{T}$	--	Register $\overline{T}$	Register (lettered)			Lettered registers	See description	Register $\overline{T}$ (103) : Stack level 4 (Info : Reached using stack or from STO/RCL [Tam.1] F6)
$\overline{T}$	--	Flag $\overline{T}$	EasyAccess (TAM)			Trailing input	Menu [TamFlag.1] F6	Easy access to Flag $\overline{T}$ (103) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
$\overline{T}$	--	Flag $\overline{T}$	EasyAccess (TAM)			Trailing input	Menu [FLG.1] gF6	Easy access to Flag $\overline{T}$ (103) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_1.pdf
$\overline{T}$	--	Flag $\overline{T}$	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag $\overline{T}$ (103) (Info : Reached from FF [FLG.1] gF6)
$\overline{T}$	--	Superscript $\overline{T}$	Character			Characters	Menu [oMath.6] fF3	Mathematical symbol $\overline{T}$ (Fontcode : 1D46 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_6.pdf
$\overline{T}$	--	Superscript $\overline{T}$	Character			Characters	See description	Character $\overline{T}$ (Fontcode : 2VC3 ₁₆)
$\overline{T}$	--	Subscript $\overline{T}$	Character			Characters	See description	Character $\overline{T}$ (Fontcode : 2VE3 ₁₆)
$\overline{t}$	--	$\overline{t}$ apostrophe	Character			Characters	Menu [aintL.v] F2	International character $\overline{t}$ (Fontcode : 0185 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_4.pdf
$\overline{T}$	--	$\overline{T}$ caron	Character			Characters	Menu [aINTL.v] F2	International character $\overline{T}$ (Fontcode : 0184 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
$\overline{T}$	--	$\overline{T}$ cedilla	Character			Characters	Menu [aINTL.v] F1	International character $\overline{T}$ (Fontcode : 0182 ₁₆ ; Info : press [4] for $\overline{t}$ at [aintL.v] F1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl_page_4.pdf
$\overline{t}$	--	$\overline{t}$ cedilla	Character			Characters	Menu [aintL.v] F1	International character $\overline{t}$ (Fontcode : 0183 ₁₆ ; Info : press [*] for $\overline{T}$ at [aINTL.v] F1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_4.pdf
$[t_1]$	t_1	Student's t distribution	MENU			Probability (real)	Menu [DISTR.1] F3	Student's t probability distribution (continuous) (T1 : RegM = v =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
$[t_2]$	t_2	Student's t distribution	MENU			Probability (real)	Catalog CAT.MENUS t_2	Student's t probability distribution (continuous) (T1 : RegM = v =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_t_page_1.pdf
T_n	T_n	Chebyshev polynomials (1st)	Function (dyadic)			Mathematics	Menu [Orthog.1] F5	Chebyshev polynomials of the 1st kind (Parameter : x = X ; n = Y) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Orthog_page_1.pdf
T_n	T_n	Chebyshev polynomials (1st)	Function (dyadic)			Mathematics	Menu [FCNS.3] fF5	Chebyshev polynomials of the 1st kind (Parameter : x = X ; n = Y) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
$t_p(x)$	$t_p(x)$	Student's t pdf	Function (monadic)			Probability (real)	Menu [t.1] F1	Student's t probability density function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_t_page_1.pdf
$t/mm^3 \rightarrow kg/m^3$	--	t/mm^3 to kg/m^3	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] fF6	Convert metric tonne per cubic millimetre to kilogram per cubic metre (T1 : kg/m^3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
$t/mm^3 \rightarrow lbs/in^3$	--	t/mm^3 to lbs/in^3	Function (monadic, linked)		<no annunciator>	Density conversions	Menu [MatPrp.1] fF4	Convert metric tonne per cubic millimetre to pound per cubic inch (T1 : lbs/in^3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MatPrp_page_1.pdf
$t\overline{t}$	$t\overline{t}$	Swap $\overline{T}$	Command			Stack	Menu [STK.1] fF5	Swap $\overline{T}$ and register (TAM : $t\overline{t}$... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
$t_{\Delta}(x)$	$t_{\Delta}(x)$	Student's t cdf (lower)	Function (monadic)			Probability (real)	Menu [t.1] F3	Student's t cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_t_page_1.pdf
$t_{\Delta}(x)$	$t_{\Delta}(x)$	Student's t cdf (upper)	Function (monadic)			Probability (real)	Menu [t.1] F4	Student's t cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_t_page_1.pdf
T_0	--	Standard temperature	Constant			Constants	Menu [CNST.3] gF4	Constant # 51 T_0 temp.stand = $+2.7315 \times 10^2$ (Unit : K) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_3.pdf
[Tam]	--	TAM mode (general)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (general) (Info : α {f[XEQ]} or TAM [XEQ] activates TamAlpha ; Indirection (s) activates TamIndirect ; Tam menu is typically activated by VIEW on f[0])
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [Tam.1] f[XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α {f[XEQ]} or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f[+] ; alpha g-shift characters can also be reached from alpha longpress keyboard) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Tam_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamCmp.1] f[XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α {f[XEQ]} or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f[+] ; alpha g-shift characters can also be reached from alpha longpress keyboard) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamCmp_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamLabel.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamLabel_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Keyboard TAM [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamMenu.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamMenu_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamIndirect.1] f [XEQ] (Also) reached from Command (TAM) →	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamIndirect_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamRcl.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamRcl_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamSto.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamSto_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Keyboard double [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamLbOnly.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamLbOnly_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamVarOnly.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamVarOnly_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamRclTVM.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamRclTVM_page_1.pdf
[TamAlpha]	--	TAM mode (alpha)	MENU (TAM)			Trailing input	Menu [TamStoTVM.1] f [XEQ]	Transient Alpha Mode is activated for trailing input (alpha) (Shortcut : Activated from TAM menus by α f [XEQ]) or TAM [XEQ] ; Info : Alpha Input Mode is opened in UPPERCASE for labels, lowercase for variables ; menu CAT [ALPHA] is available on keyboard alpha f [+]; alpha g-shift characters can also be reached from alpha longpress keyboard Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamStoTVM_page_1.pdf
[TamCmp]	--	TAM mode (compare)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (compare) (Info : α f [XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamCmp menu is typically activated by x= ? on [TEST.1] F3)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[TamFlag]	--	TAM mode (flag)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (flag) (Info : Indirection (→) activates TamIndirect ; TamFlag menu is typically activated by SF on [FLAG.1] F1)
[TamKey]	--	TAM mode (KEY)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (KEYG, KEYX) (Info : TamKey menu is typically activated by)
[TamLabel]	--	TAM mode (label)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (label) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; Colon button (:) activates TamLocalLabel ; TamLabel menu is typically activated by LBL on [P.FN.1] F1 ; keyboard shortcuts {A}, {B}, {C}, {D}, {E}, {F}, {G}, {H}, {I}, {J}, {K}, {L} are available while menu TamLabel is open ([x²] = {A}, [√x] = {B}, ..., [CHS] = {L}))
[TamLblOnly]	--	TAM mode (label only)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (label only) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamLblOnly menu is typically activated by PGMINT on [ADV.1] F4)
[TamLocalLabel]	--	TAM mode (local label)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (local label) (Shortcut : Activated from TAM menus by Colon button (:) ; alpha button (α) activates TamAlpha)
[TamMenu]	--	TAM mode	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (menu selection) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamMenu menu is typically activated by OPENM on [P.FN2.1] F4)
[TamNonReg]	--	TAM mode (value)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (value) (Info : Indirection (→) activates TamIndirect ; TamNonReg menu is typically activated by DSP on [Prefix.1] F6)
[TamNonRegMax]	--	TAM mode (DMX)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (DMX), allows selection of DMXmax (Info : Indirection (→) activates TamIndirect ; TamNonRegMax menu is typically activated by DMX on [DISP.1] F4)
[TamNonRegTrk]	--	TAM mode (track)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (two digit year and century tracking), allows setting YYtrack or YYoff (Info : Indirection (→) activates TamIndirect ; TamNonRegTrk menu is typically activated by YY on [CLK.1] gF8)
[TamNorm]	--	TAM mode (norm)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (norm) (Info : Indirection (→) activates TamIndirect ; TamNorm menu is typically activated by x ₀ on [MATX2] F1)
[TamRcl]	--	TAM mode (recall)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (recall) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamRcl menu is typically activated by [RCL])
[TamRclTVM]	--	TAM mode (recall TVM)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (recall TVM) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamRclTVM menu is typically activated by [RCL] when menu TVM, AMORT or CASHFL is open)
[TamShuffle]	--	TAM mode (shuffle)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (shuffle) (Info : TamShuffle menu is typically activated by 2 on [STK.1] F6)
[TamSto]	--	TAM mode (store)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (store) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamSto menu is typically activated by [STO])
[TamStoTVM]	--	TAM mode (store TVM)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (store TVM) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamStoTVM menu is typically activated by [STO] when menu TVM, AMORT or CASHFL is open)
[TamVarOnly]	--	TAM mode (variable only)	MENU (TAM)			Trailing input	See description	Transient Alpha Mode is activated for trailing input (variable only) (Info : α (f[XEQ]) or TAM [XEQ] activates TamAlpha ; Indirection (→) activates TamIndirect ; TamVarOnly menu is typically activated by MVAR on [P.FN2.1] F4)
TAN	TAN	Tangent	Function (monadic)			Trigonometry	Keyboard f[9]	Tangent Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
TAN	TAN	Tangent	Function (monadic)			Trigonometry	Menu [TRG...1] F6	Tangent Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TRG_MORE_page_1.pdf
TAN	TAN	Tangent	Function (monadic)			Trigonometry	Menu [FCNS.3] F3	Tangent Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_3.pdf
TAN	TAN	Tangent	Function (monadic)			Trigonometry	Menu [NEW (EQ_EDIT).2] F3	Tangent Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_NEW_page_2.pdf
TAN	TAN	Tangent	Function (monadic)			Trigonometry	Menu [EDIT (EQ_EDIT).2] F3	Tangent Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EDIT_EQN_page_2.pdf
TAN	--	Tangent	Symbol			Trigonometry and characters	See description	Tangent (Shortcut : <none>)
tanh	tanh	Hyperbolic tangent	Function (monadic)			Mathematics	Menu [EXP.1] gF3	Hyperbolic tangent Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_EXP_page_1.pdf
tanh	tanh	Hyperbolic tangent	Function (monadic)			Mathematics	Menu [TRG...1] gF3	Hyperbolic tangent Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TRG_MORE_page_1.pdf
tanh	tanh	Hyperbolic tangent	Function (monadic)			Mathematics	Menu [FCNS.3] F4	Hyperbolic tangent Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FCNS_EQN_page_3.pdf
tbsp _{UK} →floz _{UK}	--	tbsp _{UK} to floz _{UK}	Function (monadic, linked)	<no annunciator>		Volume conversions	Menu [Chef.1] F4	Convert UK imperial tablespoon to UK fluid ounce (TI : floz _{UK}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Chef_page_1.pdf
tbsp _{UK} →mℓ	--	tbsp _{UK} to mℓ	Function (monadic, linked)	<no annunciator>		Volume conversions	Menu [Chef.1] F4	Convert UK imperial tablespoon to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Chef_page_1.pdf
Tbsp _{US} →floz _{US}	--	Tbsp _{US} to floz _{US}	Function (monadic, linked)	<no annunciator>		Volume conversions	Menu [Chef.2] F4	Convert US customary tablespoon to US fluid ounce (TI : floz _{US}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Chef_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Tbsp→mℓ	--	Tbsp _{us} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef:2] F4	Convert US customary tablespoon to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Chef_page_2.pdf
TDISP	TDISP ₀	Time display format	Setting (pgm)	0	<no annunciator>	Display	Menu [CLK:2] F3 (Also) reached from MENU (item) DTSET	Set time display format : 0 = full ; 1,2 = hours/minutes ; 3 = hours/minutes/seconds ; 4,5,6 = 1,2,3 decimal places for the seconds (TAM : TDISP _ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
TDISP	TDISP ₀	Time display format	Setting (pgm)	0	<no annunciator>	Display	Menu [DISP:1] g F8	Set time display format : 0 = full ; 1,2 = hours/minutes ; 3 = hours/minutes/seconds ; 4,5,6 = 1,2,3 decimal places for the seconds (TAM : TDISP _ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_1.pdf
TDISP	TDISP ₀	Time display format	Setting (pgm)	0	<no annunciator>	Display	Menu [DTSET (CLK).1] F3	Set time display format : 0 = full ; 1,2 = hours/minutes ; 3 = hours/minutes/seconds ; 4,5,6 = 1,2,3 decimal places for the seconds (TAM : TDISP _ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
TDM24	--	Time display 24h	Flag	SET	HH24:MM ; HH:MMam/pm	Display	Menu [SYS.FL:6] f F4 (Also) reached from MENU (item, nonpgm) CFLG	SET for 24h time display ; CLEAR for 12h time display (Format : HH24:MM ; HH:MMam/pm ; Info : SBI is shown if flag SBTime is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
TDM24	--	Time display 24h	Flag	SET	HH24:MM ; HH:MMam/pm	Display	Menu [CFLG (SYS.FL).6] f F4	SET for 24h time display ; CLEAR for 12h time display (Format : HH24:MM ; HH:MMam/pm ; Info : SBI is shown if flag SBTime is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFLG_page_6.pdf
[Temp:]	Temp:	Temperature conversions	MENU		<no annunciator>	Temperature conversions	Menu [CONV:1] F3	Convert between units of temperature (Info : Flag CONV _u may be SET for <to> <f> <to> unit conversion buttons ; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Temp:]	Temp:	Temperature conversions	MENU		<no annunciator>	Temperature conversions	Catalog CAT.MENUS Temp:	Convert between units of temperature (Info : Flag CONV _u may be SET for <to> <f> <to> unit conversion buttons ; CLEAR for <from> <f> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Temp_page_1.pdf
[TEST]	TEST	Testing	MENU			Programming	Menu [P.FN:1] f F8	Testing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN_page_1.pdf
[TEST]	TEST	Testing	MENU			Programming	Menu [BLUE7:2] f F4	Testing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_2.pdf
[TEST]	TEST	Testing	MENU			Programming	Menu [MyM:10] F8	Testing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_1.pdf
[TEST]	TEST	Testing	MENU			Programming	Catalog CAT.MENUS TEST	Testing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
[TEST]	TEST	Testing	MENU			Programming	Menu [P.FN3:1] f F5	Testing functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN3_page_1.pdf
TICKS	TICKS	Ticks	Command (PEM)			Programming	Menu [P.FN1:1] F5	Number of ticks counted since calculator was turned on (one tick is 100 ms) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_P-FN1_page_1.pdf
TICK'	ITICK' O	IP separator narrow tick	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART:1] F4 (Also) reached from MENU (item, nonpgm) IPART _u	Set integer part separator to narrow tick Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
TICK'	FTICK' O	FP separator narrow tick	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART:1] F4 (Also) reached from MENU (item, nonpgm) FPART _u	Set fractional part separator to narrow tick Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
TIME→R	--	Store time in register	Command	0		Stopwatch	Menu [STOPW:1] F3	Store time in register and increment CRA (Current Register Address) ; subscript shows R/S (Shortcut : [ENTER] (STOPW active)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
TIME→Σ	--	Add time to STATS	Command	0		Stopwatch	Menu [STOPW:1] F1	Add time to STATS (statistics matrix) ; subscript shows number of data points (Shortcut : [Σ+] (STOPW active)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STOPW_page_1.pdf
Time→T	Time→T	Time	Command			Time functions	Menu [CLK:1] F3 (Also) reached from MENU (item) DTSET	Current time Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf
Time→T	Time→T	Time	Command			Time functions	Menu [CLK:2] g F2 (Also) reached from MENU (item) DTSET	Current time Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
Time→T	Time→T	Time	Command			Time functions	Menu [DTSET (CLK).1] g F2	Current time Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
[TIMES]	TIMES	Time variables	MENU			Catalog	Menu [VAR:1] f F4	Auto-generated catalog of variables of the specified datatype : Time (3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VARS_page_1.pdf
[TIMES]	TIMES	Time variables	MENU			Catalog	Catalog CAT.MENUS TIMES	Auto-generated catalog of variables of the specified datatype : Time (3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TIMES_page_1.pdf
TO NE	TO NE	Tone	Command			Input-Output	Menu [AUDIO:1] F2	Tone (range 0-9) (TAM : TONE _ TamNonReg menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_AUDIO_page_1.pdf
tonne→kg	--	tonne to kg	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass:2] F5	Convert metric tonne to kilogram (TI : kg) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Mass_page_2.pdf
[Tool]	Tool	Integrator tools [EQN]	MENU			Integrator	Menu [f f:1] F5	Integrator tools and parameter settings Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Integral-f_page_1.pdf
[Tool]	Tool	Integrator tools [EQN]	MENU			Integrator	Catalog CAT.MENUS Tool	Integrator tools and parameter settings Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ToolInt_EQN_page_1.pdf
[Tool]	--	Integrator tools (RPN)	MENU			Integrator	See description	Integrator tools and parameter settings (Info : Tool menu is typically activated by <var2>* on [f f d (HVAR).1] F2)
[ToolS]	ToolS	Solver tools	MENU			Solver	Menu [f Solve:1] F5	Solver tools and parameter settings (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Solver_Result_Codes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f_Solve_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[ToolS]	ToolS	Solver tools	MENU			Solver	Catalog CAT.MENUS Tools	Solver tools and parameter settings (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Solver_Result_Codes.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_ToolSlv_page_1.pdf
TOP?	TOP?	Top?	Command (logical)			Programming	Menu [TEST.1] gF4	Test program pointer is in top routine (as opposed to in subroutine) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TEST_page_1.pdf
torr→Pa	--	torr to Pa	Function (monadic, linked)		<no annunciator>	Pressure conversions	Menu [F&p.1] gF3	Convert torr to Pascal (TI : Pa) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_F-and-p_page_1.pdf
Tp	--	Planck temperature	Constant			Constants	Menu [CNST.3] gF5	Constant # 52 T _p temp.planck = +1.416784 × 10 ³² (Unit : K) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CNST_page_3.pdf
t _p L	--	Planck time	Constant			Constants	Menu [CNST.3] gF6	Constant # 53 t _p time.planck = +5.391247 × 10 ⁻⁴⁴ (Unit : s) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_CNST_page_3.pdf
tr oz→g	--	troz to g	Function (monadic, linked)		<no annunciator>	Mass conversions	Menu [Mass.1] fF5	Convert troy ounce to gram (TI : g) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Mass_page_1.pdf
TRACE	TRACE O	Printer mode Trace	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.1] gF5	Switch on printer mode Trace (flag $\overline{\text{TRACE}}$ is SET and flag $\overline{\text{NORM}}$ is CLEAR) (Info : In TRACE mode, the printer prints numbers and alpha strings that are keyed in, names of functions executed from the keyboard, intermediate and final results and output from print functions ; if a program is running, each step is printed as it executes ; in this mode, program listings are printed in condensed form) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PRINT_page_1.pdf
TRACE	TRACE O	Printer mode Trace	Setting (pgm)	OFF	<no annunciator>	Printing	Menu [PRINT.2] gF5	Switch on printer mode Trace (flag $\overline{\text{TRACE}}$ is SET and flag $\overline{\text{NORM}}$ is CLEAR) (Info : In TRACE mode, the printer prints numbers and alpha strings that are keyed in, names of functions executed from the keyboard, intermediate and final results and output from print functions ; if a program is running, each step is printed as it executes ; in this mode, program listings are printed in condensed form) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_PRINT_page_2.pdf
[TRG]	TRG	Trigonometry	MENU			Trigonometry	Menu [BLUE7.1] F4	Trigonometry functions (Info : C47 menu TRG is replaced by TRG_R47 ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMS-HMS.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_BLUE7_page_1.pdf
[TRG]	TRG	Trigonometry	MENU			Trigonometry	Catalog CAT.MENUS TRG	Trigonometry functions (Info : C47 menu TRG is replaced by TRG_R47 ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMS-HMS.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TRG_page_1.pdf
[TRG_R47]	TRG_R47	Trigonometry	MENU			Trigonometry	Menu [MyM.2] F5	Trigonometry functions (Info : TRG_R47 replaces C47 menu TRG ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMS-HMS.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MyMenu_page_2.pdf
[TRG]	TRG_R47	Trigonometry	MENU			Trigonometry	Catalog CAT.MENUS TRG_R47	Trigonometry functions (Info : TRG_R47 replaces C47 menu TRG ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMS-HMS.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TRG_R47_page_1.pdf
[TRG]	TRG_R47	Trigonometry	MENU			Trigonometry	Keyboard g [CHS]	Trigonometry functions (Info : TRG_R47 replaces C47 menu TRG ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMS-HMS.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
[TRG]	TRG_R47	Trigonometry	MENU			Trigonometry	Keyboard longerpress [CHS]	Trigonometry functions (Info : TRG_R47 replaces C47 menu TRG ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_DMS-HMS.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
[TRG...]	TRG...	More trig/hyperbolics	MENU			Trigonometry	Catalog CAT.MENUS TRG...	Extended trigonometry (and access to hyperbolic) functions Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_TRG_MORE_page_1.pdf
TRiangle4	--	TRiangle4	User Program			Test programs	See description	TRiangle4 example program, available to load from PROGRAMS/TRiangle4.p47, using READP -- see https://forum.swissmicros.com/viewtopic.php?p=3846&p3846 (Info : Triangle program, original p58 42S Programming manual, ported by Bruce Young, Didier Lachéze, Barry Mead) [https://forum.swissmicros.com/viewtopic.php?p=3846&p3846]
TRivIp13	--	TRivIp13	User Program			Test programs	See description	TRivIp13 example program, available to load from PROGRAMS/TRivIp13.p47, using READP -- see https://forum.swissmicros.com/viewtopic.php?p=3876&p3876 (Info : Triangle program, re-imagined by Mike L) [https://forum.swissmicros.com/viewtopic.php?p=3876&p3876]
tsp _{UK} →floz _{UK}	--	tsp _{UK} to floz _{UK}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.1] fF2	Convert UK imperial teaspoon to UK fluid ounce (TI : floz _{UK}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Chef_page_1.pdf
tsp _{UK} →mℓ	--	tsp _{UK} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.1] F2	Convert UK imperial teaspoon to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Chef_page_1.pdf
tsp _{US} →floz _{US}	--	tsp _{US} to floz _{US}	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.2] fF2	Convert US customary teaspoon to US fluid ounce (TI : floz _{US}) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Chef_page_2.pdf
tsp _{US} →mℓ	--	tsp _{US} to mℓ	Function (monadic, linked)		<no annunciator>	Volume conversions	Menu [Chef.2] F2	Convert US customary teaspoon to millilitre (TI : mℓ) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_Chef_page_2.pdf
tstData	--	tstData	User Program			Test programs	See description	tstData program to store example data in registers 10-38, available to load from PROGRAMS/tstData.p47, using READP
TT	--	TT	User Program			Test programs	See description	TT Time value of money program, available to load from PROGRAMS/tvm/TT.p47, using READP (Ref : https://n7calc.com/doc/Application%20Notes/AN0012_C47_R47_IM_TVM.pdf)
[TVM]	TVM	Time value of money	MENU			Financial	Menu [FIN.1] gF6	Time value of money functions (Info : When menu TVM is open, [RCL]/[STO] activates menu TamRclTVM/TamStoTVM ; TVM variable values are displayed as subscripts ; symbol ω is used for very small values ; symbol ω for very large values ; Ref : https://n7calc.com/doc/Application%20Notes/AN0012_C47_R47_IM_TVM.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_FIN_page_1.pdf
[TVM]	TVM	Time value of money	MENU			Financial	Menu [MyM.7] F5	Time value of money functions (Info : When menu TVM is open, [RCL]/[STO] activates menu TamRclTVM/TamStoTVM ; TVM variable values are displayed as subscripts ; symbol ω is used for very small values ; symbol ω for very large values ; Ref : https://n7calc.com/doc/Application%20Notes/AN0012_C47_R47_IM_TVM.pdf) Ref : https://n7calc.com/doc/R47/Menus/R47v0_Menu_MyMenu_page_7.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[TVM]	TVM	Time value of money	MENU			Financial	Catalog CAT.MENU.TVM	Time value of money functions (Info : When menu TVM is open, [RCL]/[STO] activates menu TamRclTVM/TamStoTVM ; TVM variable values are displayed as subscripts ; symbol ∞ is used for very small values ; symbol ∞ for very large values ; Ref : https://n7calc.com/doc/Application%20Notes/AN0012_Cn7_R47_IM_TVM.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TVM_page_1.pdf
$t^{-1}(p)$	$t^{-1}(p)$	Student's t qf (inverse)	Function (monadic)			Probability (real)	Menu [t.1] F6	Student's t inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_t_page_1.pdf
TYPE	TYPE	Data type	Command			Information	Menu [INFO.2] F1	Get datatype of value in X, expressed as a numeric typecode m.nop, where m : 0-9 ; n : 0-5 or 2-16 ; o : 0-4 ; p : 0-2 (TI : <type> ; Info : note that some datatypes have subcodes ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_2.pdf
$\vec{xyz} \rightarrow \vec{v}_4$	$\vec{xyz} \rightarrow \vec{v}_4$	Compose 1x4 vector	Function (tetradic)			Vector operations	Menu [V $\rightarrow$ V.1] F5	Compose 1x4 vector from T, Z, Y, X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VectorConv_page_1.pdf
$\vec{xyz} \oplus \vec{v}_4$	$\vec{xyz} \oplus \vec{v}_4$	Compose/decompose 1x4 vector	Function (tetradic, nonpgm)			Vector operations	Menu [V $\leftrightarrow$ V.1] fF5	Compose/decompose 1x4 vector from/to T, Z, Y, X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VectorConv_page_1.pdf
π^r	--	Superscript pi r	Character			See description	See description	Character π^r (Fontcode : 2C6516)
U	--	U	Character			Characters	Keyboard alpha [x]	Character U (Fontcode : 0B5516) Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_6.pdf
U	--	U	Character			Characters	Keyboard alphaSIM [u]	Character U (Fontcode : 0B5516) Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_6.pdf
u	--	u	Character			Characters	Keyboard alpha f[x]	Character u (Fontcode : 0B7516) Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_6.pdf
U	--	Register U	EasyAccess (TAM)			Trailing input	Menu [REG.2] F6	Easy access to Register U (222) : General purpose register U (TI : U) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_2.pdf
U	--	Register U	Register (lettered)			Lettered registers	See description	Register U (222) : General purpose register U (Info : Reached from STO/RCL [REG.2] F6)
U	--	Flag U	EasyAccess (TAM)			Trailing input	Menu [FLG.2] F6	Easy access to Flag U (222) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_2.pdf
U	--	Flag U	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag U (222) (Info : Reached from FF [FLG.2] F6)
u	--	Subscript U	Character			Characters	See description	Character u (Fontcode : 2NE416)
U	--	Superscript U	Character			Characters	See description	Character U^r (Fontcode : 2CA16)
Ũ	--	U accute	Character			Characters	Menu [aINTL.4] F4	International character Ũ (Fontcode : 0BDA16 ; Info : press [4] for Ũ at [aINTL.4] F4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
ú	--	u accute	Character			Characters	Menu [aINTL.4] F4	International character ú (Fontcode : 0BFA16 ; Info : press [4] for ú at [aINTL.4] F4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf
Û	--	U grave	Character			Characters	Menu [aINTL.4] F3	International character Û (Fontcode : 0BDB16 ; Info : press [4] for Û at [aINTL.4] F3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_3.pdf
ü	--	u grave	Character			Characters	Menu [aINTL.4] F3	International character ü (Fontcode : 0BF316 ; Info : press [4] for ü at [aINTL.4] F3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf
Ů	--	U breve	Character			Characters	Menu [aINTL.4] fF3	International character Ů (Fontcode : 016C16 ; Info : press [4] for Ů at [aINTL.4] fF3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
ů	--	u breve	Character			Characters	Menu [aINTL.4] fF3	International character ů (Fontcode : 016D16 ; Info : press [4] for ů at [aINTL.4] fF3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf
Ű	--	U circumflex	Character			Characters	Menu [aINTL.4] F5	International character Ű (Fontcode : 0BDB16 ; Info : press [4] for Ű at [aINTL.4] F5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
ű	--	u circumflex	Character			Characters	Menu [aINTL.4] F5	International character ű (Fontcode : 0BFB16 ; Info : press [4] for ű at [aINTL.4] F5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf
Ų	--	U ring	Character			Characters	Menu [aINTL.4] fF4	International character Ų (Fontcode : 016E16 ; Info : press [4] for Ų at [aINTL.4] fF4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
ų	--	u ring	Character			Characters	Menu [aINTL.4] fF4	International character ų (Fontcode : 016F16 ; Info : press [4] for ų at [aINTL.4] fF4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf
Û	--	U diaeresis	Character			Characters	Menu [aINTL.4] F6	International character Û (Fontcode : 0BDC16 ; Info : press [4] for Û at [aINTL.4] F6) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
ü	--	u diaeresis	Character			Characters	Menu [aINTL.4] F6	International character ü (Fontcode : 0BFC16 ; Info : press [4] for ü at [aINTL.4] F6) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf
Ů	--	U tilde	Character			Characters	Menu [aINTL.4] fF1	International character Ů (Fontcode : 016816 ; Info : press [4] for Ů at [aINTL.4] fF1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
ů	--	u tilde	Character			Characters	Menu [aINTL.4] fF1	International character ů (Fontcode : 016916 ; Info : press [4] for ů at [aINTL.4] fF1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf
Ų	--	U ogonek	Character			Characters	Menu [aINTL.4] fF5	International character Ų (Fontcode : 017216 ; Info : press [4] for Ų at [aINTL.4] fF5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_4.pdf
ų	--	u ogonek	Character			Characters	Menu [aINTL.4] fF5	International character ų (Fontcode : 017316 ; Info : press [4] for ų at [aINTL.4] fF5) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Ū	--	U macron	Character			Characters	Menu [aINTL.v] fF2	International character Ū (Fontcode : 016A16 ; Info : press [4] for Ū at [aintL.v] fF2) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL_page_4.pdf
ū	--	u macron	Character			Characters	Menu [aintL.v] fF2	International character ū (Fontcode : 016B16 ; Info : press [4] for ū at [aINTL.v] fF2) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_alphaINTL-lower_page_4.pdf
U _n	U _n	Chebyshev polynomials (2nd)	Function (dyadic)			Mathematics	Menu [Orthog.1] F6	Chebyshev polynomials of the 2nd kind (Parameter : x = X ; n = Y) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Orthog_page_1.pdf
U _n	U _n	Chebyshev polynomials (2nd)	Function (dyadic)			Mathematics	Menu [FCNS.3] fF6	Chebyshev polynomials of the 2nd kind (Parameter : x = X ; n = Y) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_FCNS_EQN_page_3.pdf
U→N	--	Copy USER assignment to <none>	Command			Customisation	Menu [o KEY.1] F6	Copy <none> USER assignment to <none> NORMAL assignment and deactivate USER mode Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_NRMKEY_page_1.pdf
UK	S.UK ◊	UK formatting	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.3] F5	Set to UK regional formats (date, time, calendar, number formatting) (TI : First Gregorian day set: 1489.1752 ; Week of Year rule set: Monday.Thursday) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_DISP_page_3.pdf
ULP	ULP	Unit in the last place	Function (monadic)	10 ⁻⁶¹⁷⁶		Mathematics	Menu [INF0.2] F4	Get minimum difference to next or previous machine representable real, as power of ten (Info : ULP is for Real numbers in X ; result is displayed as ≈0, because of default HIDE and RNG settings, use SHOW to view result) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_INF0_page_2.pdf
UNDR_	IUNDR_ o	IP separator underscore	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] fF6 (Also) reached from MENU (item, nonpgm) IPART_	Set integer part separator to underscore Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_IPART_page_1.pdf
UNDR_	FUNDR_ o	FP separator underscore	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] fF6 (Also) reached from MENU (item, nonpgm) FPART_	Set fractional part separator to underscore Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_FPART_page_1.pdf
Unfm _p	Unfm _p	Uniform pdf	Function (monadic)			Probability (real)	Menu [Uniform.1] F1	Uniform probability density function Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Uniform_page_1.pdf
Unfm _{ΔL}	Unfm _{ΔL}	Uniform cdf (lower)	Function (monadic)			Probability (real)	Menu [Uniform.1] F3	Uniform cumulative distribution (lower tail) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Uniform_page_1.pdf
Unfm _{ΔU}	Unfm _{ΔU}	Uniform cdf (upper)	Function (monadic)			Probability (real)	Menu [Uniform.1] F4	Uniform cumulative distribution (upper tail) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Uniform_page_1.pdf
Unfm ⁻¹	Unfm ⁻¹	Uniform qf (inverse)	Function (monadic)			Probability (real)	Menu [Uniform.1] F6	Uniform inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Uniform_page_1.pdf
[Uniform:]	Uniform:	Uniform distribution	MENU			Probability (real)	Menu [DISTR.1] fF2	Uniform probability distribution (continuous) (TI : RegM = a = ; RegN = b =) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_DISTR_page_1.pdf
[Uniform:]	Uniform:	Uniform distribution	MENU			Probability (real)	Catalog CAT.MENUUS Uniform:	Uniform probability distribution (continuous) (TI : RegM = a = ; RegN = b =) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Uniform_page_1.pdf
UNIT	UNIT o	Unit (prefix) notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.1] F4	Set numeric display mode to unit (prefix) notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 5) ; showing all or limited set of SI-prefixes depending on flag PFX.All ; if flag 1024* is SET, binary prefixes are shown if available and long integer values are indicated by Z ; prefixes can be selected directly from menu Prefix (TAM : UNIT ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_DISP_page_1.pdf
UNIT	UNIT o	Unit (prefix) notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [MLoads.1] gF6	Set numeric display mode to unit (prefix) notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 5) ; showing all or limited set of SI-prefixes depending on flag PFX.All ; if flag 1024* is SET, binary prefixes are shown if available and long integer values are indicated by Z ; prefixes can be selected directly from menu Prefix (TAM : UNIT ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MLoads_page_1.pdf
UNIT	UNIT o	Unit (prefix) notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [PLoads.1] gF6	Set numeric display mode to unit (prefix) notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 5) ; showing all or limited set of SI-prefixes depending on flag PFX.All ; if flag 1024* is SET, binary prefixes are shown if available and long integer values are indicated by Z ; prefixes can be selected directly from menu Prefix (TAM : UNIT ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_PLoads_page_1.pdf
UNIT	UNIT o	Unit (prefix) notation	Setting (pgm)	OFF	<no annunciator>	Display	Menu [Struct.1] gF4	Set numeric display mode to unit (prefix) notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 5) ; showing all or limited set of SI-prefixes depending on flag PFX.All ; if flag 1024* is SET, binary prefixes are shown if available and long integer values are indicated by Z ; prefixes can be selected directly from menu Prefix (TAM : UNIT ___ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_Struct_page_1.pdf
UNITV	UNITV	Unit vector or matrix	Command			Complex numbers	Menu [CPX.1] fF2	Unit vector or matrix for Real or Complex matrix or vector ; the result will have Euclidean magnitude 1 (Info : UNITV also applies to Complex numbers) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_CPX_page_1.pdf
UNITV	UNITV	Unit vector or matrix	Command			Complex numbers	Menu [MATX.2] fF2	Unit vector or matrix for Real or Complex matrix or vector ; the result will have Euclidean magnitude 1 (Info : UNITV also applies to Complex numbers) Ref : https://N7calc.com/doc/R47/Menuus/R47v0_Menu_MATX_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
UNITV	UNITV	Unit vector or matrix	Command			Complex numbers	Menu [VECTOR.1] fF2	Unit vector or matrix for Real or Complex matrix or vector ; the result will have Euclidean magnitude 1 (Info : UNITV also applies to Complex numbers) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_1.pdf
UNITV	UNITV	Unit vector or matrix	Command			Complex numbers	Menu [VECTOR.2] fF2	Unit vector or matrix for Real or Complex matrix or vector ; the result will have Euclidean magnitude 1 (Info : UNITV also applies to Complex numbers) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_2.pdf
UNSIGN	UNSIGN ○	Unsigned	Setting (pgm)	OFF	<w>u	Bits and bytes	Menu [BITSET.1] fF3	Set unsigned mode for Short integer (ISM = 0) (Info : <w> in SBI indicates word size (menu BITSET) ; SBI <w>u is shown if flag SBint is SET) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
UNZIP	UNZIP	Unzip	Function (monadic)			Bits and bytes	Menu [BITS.1] fF6 (Also) reached from MENU (item) BITSHFT	De-interleave (unzip) bits of X into Y and X _n using most significant bit for Y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
USA	S.USA ◇	USA formatting	Setting (pgm)	OFF	<no annunciator>	Display	Menu [DISP.3] F6	Set to USA regional formats (date, time, calendar, number formatting) (TI : First Gregorian day set: 09/14/1752 ; Week of Year rule set: Sunday, Saturday) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISP_page_3.pdf
USB	--	USB Power	Flag (system)	CLEAR	ψ	System	Menu [SYS.FL.6] fF5 (Also) reached from MENU (item, nonpgm) CFLG	SET for calculator running on USB power ; CLEAR for calculator running on battery power Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
USB	--	USB Power	Flag (system)	CLEAR	ψ	System	Menu [CFL6 (SYS.FL).6] fF5	SET for calculator running on USB power ; CLEAR for calculator running on battery power Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
USER	--	USER mode	Setting	OFF	⏏	Customisation	Menu [ALPHA.1] gF4 (Also) reached from MENU (item) [α]	Switch on USER mode ; not programmable - in PEM, use flag USER (Info : To assign USER to a key or button, use ASN (g[DRG]) and spell the name as 'USER' ; during assignment, pressing USER (f[DRG]) opens MyMenu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
USER	--	USER mode	Setting	OFF	⏏	Customisation	Menu [TamAlpha.1] gF4	Switch on USER mode ; not programmable - in PEM, use flag USER (Info : To assign USER to a key or button, use ASN (g[DRG]) and spell the name as 'USER' ; during assignment, pressing USER (f[DRG]) opens MyMenu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
USER	--	USER mode	Setting	OFF	⏏	Customisation	Menu [BLUEV7.2] F3	Switch on USER mode ; not programmable - in PEM, use flag USER (Info : To assign USER to a key or button, use ASN (g[DRG]) and spell the name as 'USER' ; during assignment, pressing USER (f[DRG]) opens MyMenu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BLUEV7_page_2.pdf
USER	--	USER mode	Setting	OFF	⏏	Customisation	Menu [KEYS.1] F5	Switch on USER mode ; not programmable - in PEM, use flag USER (Info : To assign USER to a key or button, use ASN (g[DRG]) and spell the name as 'USER' ; during assignment, pressing USER (f[DRG]) opens MyMenu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_KEYS_page_1.pdf
USER	--	USER mode	Setting	OFF	⏏	Customisation	Menu [α (ALPHA).1] gF4	Switch on USER mode ; not programmable - in PEM, use flag USER (Info : To assign USER to a key or button, use ASN (g[DRG]) and spell the name as 'USER' ; during assignment, pressing USER (f[DRG]) opens MyMenu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
USER	--	USER mode	Setting	OFF	⏏	Customisation	Keyboard f [DRG]	Switch on USER mode ; not programmable - in PEM, use flag USER (Info : To assign USER to a key or button, use ASN (g[DRG]) and spell the name as 'USER' ; during assignment, pressing USER (f[DRG]) opens MyMenu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
USER	--	USER mode	Setting	OFF	⏏	Customisation	Keyboard longpress [DRG]	Switch on USER mode ; not programmable - in PEM, use flag USER (Info : To assign USER to a key or button, use ASN (g[DRG]) and spell the name as 'USER' ; during assignment, pressing USER (f[DRG]) opens MyMenu ; Ref : https://N7calc.com/doc/R47/Reference/R47v0_Assignment.pdf) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
USER	--	USER mode	Flag	CLEAR	⏏	Customisation	Menu [SYS.FL.6] fF6 (Also) reached from MENU (item, nonpgm) CFLG	SET for USER mode ; CLEAR for Normal Mode Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
USER	--	USER mode	Flag	CLEAR	⏏	Customisation	Menu [CFL6 (SYS.FL).6] fF6	SET for USER mode ; CLEAR for Normal Mode Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
V	--	V	Character			Characters	Keyboard alpha [1]	Character V (Fontcode : 0B5 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
V	--	V	Character			Characters	Keyboard alphaSIM [v]	Character V (Fontcode : 0B5 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
v	--	v	Character			Characters	Keyboard alpha f [1]	Character v (Fontcode : 0B7 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
V	--	Register V	EasyAccess (TAM)			Trailing input	Menu [REG.2] fF1	Easy access to Register V (213) : General purpose register V (TI : V _i) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
V	--	Register V	Register (lettered)			Lettered registers	See description	Register V (223) : General purpose register V (Info : Reached from STO/RCL [REG.2] Ff1)
V	--	Flag V	EasyAccess (TAM)			Trailing input	Menu [FLG.2] Ff1	Easy access to Flag V (223) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_2.pdf
V	--	Flag V	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag V (223) (Info : Reached from FF [FLG.2] Ff1)
v	--	Subscript V	Character			Characters	See description	Character v (Fontcode : 2VE5 ₁₆)
V	--	Superscript V	Character			Characters	See description	Character V (Fontcode : 2VCB ₁₆)
ʷ	--	Superscript ʷ	Character			Characters	See description	Character ʷ (Fontcode : 21B4 ₁₆)
V _m	--	Volume of ideal gas	Constant			Constants	Menu [CNST.ʷ] F1	Constant # 54 V _m volume.gas = +2.241396954501413773501110288675056 × 10 ⁻³ (Unit : m³/mol) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
V→R _{nn}	V→R _{nn}	Copy elements to registers	Command		<no annunciator>	Matrix operations	Menu [MATX.1] gF2	Copy elements of matrix or vector in X to ascending range of registers, starting with register nn (TAM), where numbers of registers depends on size of matrix or vector (TAM : V→R _{nn} ... TamIndirect menu ; be careful when using the range of stack registers (100-107) ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Registers.pdf Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MATX_page_1.pdf
V→R _{nn}	V→R _{nn}	Copy elements to registers	Command		<no annunciator>	Matrix operations	Menu [V→V.1] gF3	Copy elements of matrix or vector in X to ascending range of registers, starting with register nn (TAM), where numbers of registers depends on size of matrix or vector (TAM : V→R _{nn} ... TamIndirect menu ; be careful when using the range of stack registers (100-107) ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Registers.pdf Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VectorConv_page_1.pdf
V=I×Z	V=I×Z	Triple V = I × Z	Function (triadic)			Electrical engineering	Menu [ELEC.2] F1	X = R83 × R86 ; Y = R84 × R87 ; Z = R95 × R98 Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_ELEC_page_2.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [Tam.1] F2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Tam_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [TamCmp.1] F2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamCmp_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Catalog CAT.MENU VAR	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VAR_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [TamIndirect.1] F2 (Also) reached from Command (TAM) →	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamIndirect_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [TamRcl.1] F2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamRcl_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [TamSto.1] F2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamSto_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [→ (TamIndirect).1] F2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Arrow_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [TamVarOnly.1] F2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamVarOnly_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [TamRclTVM.1] gF2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamRclTVM_page_1.pdf
[VAR]	VAR	VAR	MENU (ASM)			Trailing input	Menu [TamStoTVM.1] gF2	Presented in TAM menus for commands accessing variables (TAM : CAT.VARS.* menu ; Info : Type characters 1-2 to search ; Matrix variables STATS and HISTO are also included in this menu, if created) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamStoTVM_page_1.pdf
VarMNU	VARMNU	Variable menu	Command (PEM)			Programming	Menu [P.FN2.1] F5	Create variable menu ; uses register K to store variable name when MVAR-defined button (<var...>) is pressed without NIM input (TAM : VarMNU ... TamLbOnly menu ; Error 25 -- No MVAR found in selected program -- may be raised) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN2_page_1.pdf
[VARS]	VARS	Variables	MENU			Catalog	Menu [CAT.1] F5	Auto-generated variable catalogs Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CAT_page_1.pdf
[VARS]	VARS	Variables	MENU			Catalog	Catalog CAT.MENU VARS	Auto-generated variable catalogs Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VARS_page_1.pdf
[VARS]	VARS	Variables	MENU			Catalog	Menu [DELITM.1] F5	Auto-generated variable catalogs Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_DELITM_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
VECT	--	Anti-clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ⁵ (PLFUNC.4)] gF2	Switch on anti-clockwise vectors ; not programmable - in PEM, use flag PLvec (Info : VECT and N.VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawX_page_1.pdf
VECT	--	Anti-clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC.4)] gF2	Switch on anti-clockwise vectors ; not programmable - in PEM, use flag PLvec (Info : VECT and N.VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_4.pdf
VECT	--	Anti-clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.3] gF2	Switch on anti-clockwise vectors ; not programmable - in PEM, use flag PLvec (Info : VECT and N.VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_3.pdf
VECT	--	Anti-clockwise vectors	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCONS (PLFUNC.4)] gF2	Switch on anti-clockwise vectors ; not programmable - in PEM, use flag PLvec (Info : VECT and N.VECT are linked (both cannot be ON at the same time) ; cannot be combined with RMS, [AREA, Δy/Δx, ΣΔx]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCONS_page_4.pdf
VECT2D?	VECT2D?	2D vector?	Command (logical)			Programming	Menu [TEST.3] fF5	Test X is a 2D vector (test function MATR? is true) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
VECT3D?	VECT3D?	3D vector?	Command (logical)			Programming	Menu [TEST.3] fF6	Test X is a 3D vector (test function MATR? is true) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Datatypes.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_3.pdf
[VECTOR]	VECTOR	Vector menu	MENU			Vector operations	Menu [MATX.1] F6	Vector functions (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Vector_display.pdf) ; Info : Vectors are stored internally as rectangular and calculation results are presented in rectangular format ; to edit a vector, first put it in rectangular format ; vector TI's are shown for values in X only and a small font may be used ; vector TI's are minimised if the stack changes or [EXIT] is pressed (only ijk or rθk or pθ is shown, without subscripts or brackets)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_1.pdf
[VECTOR]	VECTOR	Vector menu	MENU			Vector operations	Menu [MATX.2] F6	Vector functions (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Vector_display.pdf) ; Info : Vectors are stored internally as rectangular and calculation results are presented in rectangular format ; to edit a vector, first put it in rectangular format ; vector TI's are shown for values in X only and a small font may be used ; vector TI's are minimised if the stack changes or [EXIT] is pressed (only ijk or rθk or pθ is shown, without subscripts or brackets)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MATX_page_2.pdf
[VECTOR]	VECTOR	Vector menu	MENU			Vector operations	Catalog CAT.MENU VECTOR	Vector functions (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Vector_display.pdf) ; Info : Vectors are stored internally as rectangular and calculation results are presented in rectangular format ; to edit a vector, first put it in rectangular format ; vector TI's are shown for values in X only and a small font may be used ; vector TI's are minimised if the stack changes or [EXIT] is pressed (only ijk or rθk or pθ is shown, without subscripts or brackets)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_1.pdf
VERS	VERS	Version	Command (nonpgm)			System	Menu [INF0.1] F1	Show firmware version (TI : Firmware version) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_1.pdf
5	--	Superscript 5	Character			Characters	See description	Character ⁵ (Fontcode : 2165 ₁₄)
VIEW	VIEW	View	Command			Status	Menu [BLUEV7.2] F2	View register or variable (with preceding TI) (TAM : VIEW __ Tam menu ; Info : if ΔACT is SET, VIEW will print when executed from the keyboard in MAN, NORM or TRACE ; in Program Entry Mode, ΔEN must be SET as well ; if ΔACT is CLEAR and ΔEN is SET, VIEW halts execution (R/S)) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUEV7_page_2.pdf
VIEW	VIEW	View	Command			Status	Keyboard f[0]	View register or variable (with preceding TI) (TAM : VIEW __ Tam menu ; Info : if ΔACT is SET, VIEW will print when executed from the keyboard in MAN, NORM or TRACE ; in Program Entry Mode, ΔEN must be SET as well ; if ΔACT is CLEAR and ΔEN is SET, VIEW halts execution (R/S)) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_8.pdf
6	--	Superscript 6	Character			Characters	See description	Character ⁶ (Fontcode : 2166 ₁₄)
7	--	Superscript 7	Character			Characters	See description	Character ⁷ (Fontcode : 2167 ₁₄)
VMDISP	--	Variable menu displayed	Flag (system)	CLEAR	<no annunciator>	Programming	Menu [SYS.FL.6] gF1 (Also reached from MENU (item, nonpgm) CFL6	SET for variable menu displayed ; CLEAR for variable menu not displayed Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS_FL_page_8.pdf
VMDISP	--	Variable menu displayed	Flag (system)	CLEAR	<no annunciator>	Programming	Menu [CFL6 (SYS.FL.6)] gF1	SET for variable menu displayed ; CLEAR for variable menu not displayed Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
VOL	VOL ₁₁	Set volume	Setting (pgm, HW)	11	<no annunciator>	Input-Output	Menu [AUDI0.1] fF6	Set volume (0-11) ; hardware only (DMCP setting) (TAM : VOL __ TamNonReg menu ; Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_AUDI0_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
VOL#	VOL#	Get volume	Command (HW)	11		Input-Output	Menu [INFO.1] fF4	Get volume (0-11) ; hardware only (DMCP setting) (Info : Set by VOL ; Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_1.pdf
VOL↑	VOL↑ ₁₁	Volume up	Setting (pgm, HW)	11	<no annunciator>	Input-Output	Menu [AUDIO.1] F5	Set audio volume up (0-11) ; hardware only (DMCP setting) (Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AUDIO_page_1.pdf
VOL↓	VOL↓ ₁₁	Volume down	Setting (pgm, HW)	11	<no annunciator>	Input-Output	Menu [AUDIO.1] F5	Set audio volume down (0-11) ; hardware only (DMCP setting) (Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AUDIO_page_1.pdf
[Volume:]	Volume:	Volume conversions	MENU		<no annunciator>	Volume conversions	Menu [CONV.1] F6	Convert between units of volume ; this menu has two pages, one for the UK (imperial) units, the other for the US (customary) units : this is determined by flag CONV _{US} , which is SET for US units on page 1 ; CLEAR for UK units on page 1 (default CLEAR) (Info : Flag CONV _{HP} may be SET for <to> e) <to> unit conversion buttons ; CLEAR for <from> <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CONV_page_1.pdf
[Volume:]	Volume:	Volume conversions	MENU		<no annunciator>	Volume conversions	Catalog CAT.MENU Volume:	Convert between units of volume ; this menu has two pages, one for the UK (imperial) units, the other for the US (customary) units : this is determined by flag CONV _{US} , which is SET for US units on page 1 ; CLEAR for UK units on page 1 (default CLEAR) (Info : Flag CONV _{HP} may be SET for <to> e) <to> unit conversion buttons ; CLEAR for <from> <from> unit conversion buttons (default SET)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Volume_page_1.pdf
W	--	W	Character			Characters	Keyboard alpha [2]	Character W (Fontcode : 0B57 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
W	--	W	Character			Characters	Keyboard alphaSIM [u]	Character W (Fontcode : 0B57 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
w	--	w	Character			Characters	Keyboard alpha f [2]	Character w (Fontcode : 0B77 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
W	--	Register W	EasyAccess (TAM)			Trailing input	Menu [REG.2] fF2	Easy access to Register W (224) : General purpose register W (TI : W) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_2.pdf
W	--	Register W	Register (lettered)			Lettered registers	See description	Register W (224) : General purpose register W (Info : Reached from STO/RCL [REG.2] fF2)
W	--	Flag W	EasyAccess (TAM)			Trailing input	Menu [FLG.2] fF2	Easy access to Flag W (224) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_2.pdf
W	--	Flag W	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag W (224) (Info : Reached from FF [FLG.2] fF2)
w	--	Subscript W	Character			Characters	See description	Character w (Fontcode : 2NE6 ₁₆)
W	--	Superscript W	Character			Characters	See description	Character W (Fontcode : 2NCC ₁₆)
Ŵ	--	W circumflex	Character			Characters	Menu [αINTL.v] fF5	International character Ŵ (Fontcode : 0174 ₁₆ ; Info : press [4] for ŵ at [ointl.v] fF5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_u.pdf
ŵ	--	w circumflex	Character			Characters	Menu [ointl.v] fF5	International character ŵ (Fontcode : 0175 ₁₆ ; Info : press [4] for Ŵ at [αINTL.v] fF5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_lower_page_u.pdf
ŵ	--	w circumflex	Character			Characters	Menu [αMath.7] fF3	Mathematical symbol ŵ (Fontcode : 0175 ₁₆ ; Info : press [4] for Ŵ at [αINTL.v] fF5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_7.pdf
W.SWP	W.SWP	Word swap	Function (monadic)			Number bases	Menu [BASE.2] fF5	Swap words Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_2.pdf
W _m	W _m	Lambert's W function (negative)	Function (monadic)			Mathematics	Menu [X.FN.2] fF1	Lambert's W function (negative branch) ; m = minus -- see http://en.wikipedia.org/wiki/Lambert_W_function [https://en.wikipedia.org/wiki/Lambert_W_function] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
W _m	W _m	Lambert's W function (negative)	Function (monadic)			Mathematics	Menu [FCNS.3] gF1	Lambert's W function (negative branch) ; m = minus -- see http://en.wikipedia.org/wiki/Lambert_W_function [https://en.wikipedia.org/wiki/Lambert_W_function] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
W _p	W _p	Lambert's W function (principal)	Function (monadic)			Mathematics	Menu [X.FN.2] fF2	Lambert's W function (principal branch) -- see http://mathworld.wolfram.com/LambertW-Function.html [https://mathworld.wolfram.com/LambertW-Function.html] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
W _p	W _p	Lambert's W function (principal)	Function (monadic)			Mathematics	Menu [FCNS.3] gF2	Lambert's W function (principal branch) -- see http://mathworld.wolfram.com/LambertW-Function.html [https://mathworld.wolfram.com/LambertW-Function.html] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
W→hp _E	--	W to hp _E	Function (monadic, linked)		<no annunciator>	Power conversions	Menu [Power.:] fF2	Convert Watt to electrical horsepower (TI : hp _E) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Power_page_1.pdf
W→hp _M	--	W to hp _M	Function (monadic, linked)		<no annunciator>	Power conversions	Menu [Power.:] fF5	Convert Watt to metric horsepower (TI : hp _M) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Power_page_1.pdf
W→hp _{UK}	--	W to hp _{UK}	Function (monadic, linked)		<no annunciator>	Power conversions	Menu [Power.:] fF4	Convert Watt to UK horsepower (TI : hp _{UK}) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Power_page_1.pdf
WCOM ₁	INCOM ₁ O	IP separator wide comma	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] fF2 (Also) reached from MENU (item, nonpgm) IPART _{...}	Set integer part separator to wide comma Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
WCOM ₁	FWCOM ₁ O	FP separator wide comma	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] fF2 (Also) reached from MENU (item, nonpgm) FPART _{...}	Set fractional part separator to wide comma Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
WCOM,	RWCOM, O	Radix wide comma	Setting (pgm)	OFF	<no annunciator>	Display	Menu [RADIX.1]F3 (Also) reached from MENU (item, nonpgm) RADIX.	Radix decimal wide comma Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_RADIX_page_1.pdf
WDAY	WDAY	Day of week number (ISO)	Function (monadic)			Time functions	Menu [CLK.2]fF3 (Also) reached from MENU (item) DTSET	Day of week number (ISO, of date in X) regardless of Week of Year rule set (TI : [ISO day] Weekday) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
WDAY	WDAY	Day of week number (ISO)	Function (monadic)			Time functions	Menu [DTSET (CLK).1]fF3	Day of week number (ISO, of date in X) regardless of Week of Year rule set (TI : [ISO day] Weekday) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
WDOT •	IWDOT • O	IP separator wide dot	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1]fF3 (Also) reached from MENU (item, nonpgm) IPART.	Set integer part separator to wide dot Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
WDOT •	FWDOT • O	FP separator wide dot	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1]fF3 (Also) reached from MENU (item, nonpgm) FPART.	Set fractional part separator to wide dot Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
WDOT •	RWDOT • O	Radix wide dot	Setting (pgm)	OFF	<no annunciator>	Display	Menu [RADIX.1]F8 (Also) reached from MENU (item, nonpgm) RADIX.	Radix decimal wide dot Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_RADIX_page_1.pdf
[Weibl:]	Weibl:	Weibull distribution	MENU			Probability (real)	Menu [DISTR.1]F8	Weibull probability distribution (continuous) (TI : RegQ = k = ; RegS = λ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[Weibl:]	Weibl:	Weibull distribution	MENU			Probability (real)	Catalog CAT.MENU5 Weibl:	Weibull probability distribution (continuous) (TI : RegQ = k = ; RegS = λ =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Weibl_page_1.pdf
Weibl _p	Weibl _p	Weibull pdf	Function (monadic)			Probability (real)	Menu [Weibl.1]F1	Weibull probability density function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Weibl_page_1.pdf
Weibl _l	Weibl _l	Weibull cdf (lower)	Function (monadic)			Probability (real)	Menu [Weibl.1]F3	Weibull cumulative distribution (lower tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Weibl_page_1.pdf
Weibl _u	Weibl _u	Weibull cdf (upper)	Function (monadic)			Probability (real)	Menu [Weibl.1]F4	Weibull cumulative distribution (upper tail) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Weibl_page_1.pdf
Weibl ⁻¹	Weibl ⁻¹	Weibull qf (inverse)	Function (monadic)			Probability (real)	Menu [Weibl.1]F8	Weibull inverse cumulative distribution (quantile) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Weibl_page_1.pdf
Wh→J	--	Wh to J	Function (monadic, linked)		<no annunciator>	Energy conversions	Menu [Energy.1]F1	Convert Watt-hour to Joule (TI : J) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Energy_page_1.pdf
WHO	WHO	Who	Command (nonpgm)			System	Menu [INFO.1]fF1	Show calculator development team and contributor's names (TI : Team names) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_1.pdf
WOY	WOY	Week of Year	Function (monadic)			Time functions	Menu [CLK.2]gF3 (Also) reached from MENU (item) DTSET	Week of Year (of date in X) according to rule set (default : W0Y1so) (TI : Week of Year ⇒) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
WOY	WOY	Week of Year	Function (monadic)			Time functions	Menu [DTSET (CLK).1]gF3	Week of Year (of date in X) according to rule set (default : W0Y1so) (TI : Week of Year ⇒) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
WOY#	WOY#	Get Week of Year rule	Command	1,4		Time functions	Menu [CLK.3]fF1 (Also) reached from MENU (item) DTSET	Get Week of Year rule (default : W0Y1so, week starts on Monday and week number depends on the first Thursday ; returns 1,4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
WOY#	WOY#	Get Week of Year rule	Command	1,4		Time functions	Menu [INFO.2]gF2	Get Week of Year rule (default : W0Y1so, week starts on Monday and week number depends on the first Thursday ; returns 1,4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INFO_page_2.pdf
WOY1so	WOY1so	ISO Week of Year rule	Setting (pgm)	ON	WwW-dw	Time functions	Menu [CLK.3]fF4 (Also) reached from MENU (item) DTSET	Set Week of Year rule to ISO ; week starts on Monday and week number depends on the first Thursday ; returns 1,4 (TI : Week of Year rule set: Monday,Thursday ; Info : SBI WwW-dw is shown if flag SBwoy is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
WOYME	WOYME	Middle East Week of Year rule	Setting (pgm)	OFF	WwW-dw	Time functions	Menu [CLK.3]fF8 (Also) reached from MENU (item) DTSET	Set Week of Year rule to Middle East ; week starts on Saturday and week number depends on the first Friday ; returns 5,5 (TI : Week of Year rule set: Saturday,Friday ; Info : SBI WwW-dw is shown if flag SBwoy is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
WOYus	WOYus	US Week of Year rule	Setting (pgm)	OFF	WwW-dw	Time functions	Menu [CLK.3]fF5 (Also) reached from MENU (item) DTSET	Set Week of Year rule to US ; week starts on Sunday and week number depends on the first Saturday ; returns 7,6 (TI : Week of Year rule set: Sunday,Saturday ; Info : SBI WwW-dw is shown if flag SBwoy is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_3.pdf
WPER.	IWPER. O	IP separator wide period	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1]fF1 (Also) reached from MENU (item, nonpgm) IPART.	Set integer part separator to wide period Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
WPER.	FWPER. O	FP separator wide period	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1]fF1 (Also) reached from MENU (item, nonpgm) FPART.	Set fractional part separator to wide period Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
WPER.	RWPER. O	Radix wide period	Setting (pgm)	OFF	<no annunciator>	Display	Menu [RADIX.1]F4 (Also) reached from MENU (item, nonpgm) RADIX.	Radix decimal wide period Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_RADIX_page_1.pdf
WRAP	M.WRAP ⊕	Grow (matrix edit)	Setting	ON	wrap	Matrix operations	Menu [M_EDIT.1]gF5 (Also) reached from MENU (item, nonpgm) EDIT or MENU (item, nonpgm) EDITN	Switch on wrap (matrix edit) ; not programmable - in PEM, use flag GROW (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_M_EDIT_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
WRAP	M.WRAP @	Grow (matrix edit)	Setting	ON	wrap	Matrix operations	Menu [EDITN (M_EDIT).1] gF5	Switch on wrap (matrix edit) ; not programmable - in PEM, use flag GROW (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDITN_page_1.pdf
WRAP	M.WRAP @	Grow (matrix edit)	Setting	ON	wrap	Matrix operations	Menu [EDIT (M_EDIT).1] gF5	Switch on wrap (matrix edit) ; not programmable - in PEM, use flag GROW (Info : SBI is shown if flag SBmx is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_MATX_page_1.pdf
WRITEP	WRITEP	Write/save program	Command			Input-Output	Menu [I/0.1] F1	Write/save program to backup file (.p47) in FAT for READP (TAM : WRITEP _ TamLbOnly menu ; DMPC : File save dialog ("Save Program" -- PROGRAMS/) ; TI : Saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-0_page_1.pdf
WRITEP	WRITEP	Write/save program	Command			Input-Output	Menu [MyML8] F3	Write/save program to backup file (.p47) in FAT for READP (TAM : WRITEP _ TamLbOnly menu ; DMPC : File save dialog ("Save Program" -- PROGRAMS/) ; TI : Saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_8.pdf
WRPEDG	--	Wrap edge	Flag (system)	CLEAR	<no annunciator>	Matrix operations	Menu [SYS.FL.6] gF2 (Also) reached from MENU (item, nonpgm) CFL6	SET for wrap edge ; CLEAR for wrap edge inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
WRPEDG	--	Wrap edge	Flag (system)	CLEAR	<no annunciator>	Matrix operations	Menu [CFL6 (SYS.FL).6] gF2	SET for wrap edge ; CLEAR for wrap edge inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
WRPEND	--	Wrap end	Flag (system)	CLEAR	<no annunciator>	Matrix operations	Menu [SYS.FL.6] gF3 (Also) reached from MENU (item, nonpgm) CFL6	SET for wrap end ; CLEAR for wrap end inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
WRPEND	--	Wrap end	Flag (system)	CLEAR	<no annunciator>	Matrix operations	Menu [CFL6 (SYS.FL).6] gF3	SET for wrap end ; CLEAR for wrap end inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
WRXPall	WRXPall	Write/save & export all	Command (SIM)			Input-Output	Menu [I/0.1] gF2	Write/save & export all programs as binary and rich text files to PROGRAMS/ALLPGMS/ in FAT ; simulator only (Info : TI : Only available on the simulator -- is raised when this command is performed on the hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-0_page_1.pdf
WSIZE	WSIZE64	Set word size	Setting (pgm)	64	64<= <m>	Bits and bytes	Menu [BITSET.1] fF6	Set word size in bits, for Short integer (8.02-8.16) (TAM : WSIZE _ _ TamNonReg menu menu ; Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 64<= <m> is shown if flag SBInt is SET) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITSET_page_1.pdf
WSIZE#	WSIZE#	Get word size	Command	64		Bits and bytes	Menu [INFO.2] fF6	Get word size in bits, for Short integer (8.02-8.16) (TI : Bits = ; Info : set by WSIZE) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_INF0_page_2.pdf
WSPC	IWSPC _ O	IP separator double space	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] fF5 (Also) reached from MENU (item, nonpgm) IPART _	Set integer part separator to double space Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
WSPC	FWSPC _ O	FP separator double space	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] fF5 (Also) reached from MENU (item, nonpgm) FPART _	Set fractional part separator to double space Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
WTICK '	IWTICK ' O	IP separator tick	Setting (pgm)	OFF	<no annunciator>	Display	Menu [IPART.1] fF4 (Also) reached from MENU (item, nonpgm) IPART _	Set integer part separator to tick Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_IPART_page_1.pdf
WTICK '	FWTICK ' O	FP separator tick	Setting (pgm)	OFF	<no annunciator>	Display	Menu [FPART.1] fF4 (Also) reached from MENU (item, nonpgm) FPART _	Set fractional part separator to tick Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FPART_page_1.pdf
W^{-1}	w ⁻¹	Inverse of Lambert's W function (principal)	Function (monadic)			Mathematics	Menu [X.FN.2] fF3	Inverse of Lambert's W function (principal branch, ≈ -1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
W^{-1}	w ⁻¹	Inverse of Lambert's W function (principal)	Function (monadic)			Mathematics	Menu [FCNS.3] gF3	Inverse of Lambert's W function (principal branch, ≈ -1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [Tam.1] F3	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Tam_page_1.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [TamCmp.1] F3	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamCmp_page_1.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [TamShuffle.1] F3	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamShuffle_page_1.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [REG.1] gF3	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_REG_page_1.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [TamIndirect.1] F3 (Also) reached from Command (TAM) →	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamIndirect_page_1.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [TamRcl.1] F3	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamRcl_page_1.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [TamSto.1] F3	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamSto_page_1.pdf
X	--	Register X	EasyAccess (TAM)			Trailing input	Menu [→ (TamIndirect).1] F3	Easy access to Register X (100) ; Stack level 1 (TI : X) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Arrow_page_1.pdf
X	--	X	Character			Characters	Keyboard alpha [3]	Character X (Fontcode : 0B58 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
X	--	X	Character			Characters	Keyboard alphaSIM [x]	Character X (Fontcode : 0B58 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
x	--	x	Character			Characters	Keyboard alpha f [3]	Character x (Fontcode : 0B78 ₁₆) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
x	--	Variable x	Symbol			Equations	Menu [NEW (EQ_EDIT).1] F2	Variable x Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_1.pdf
x	--	Variable x	Symbol			Equations	Menu [EDIT (EQ_EDIT).1] F2	Variable x Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_1.pdf
X	--	Register X	Register (lettered)			Lettered registers	See description	Register X (100) ; Stack level 1 (Info : Reached using stack or from STO/RCL [Tam.1] F3)
X	--	Flag X	EasyAccess (TAM)			Trailing input	Menu [TamFlag.1] F3	Easy access to Flag X (100) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
X	--	Flag X	EasyAccess (TAM)			Trailing input	Menu [FLG.1]gF3	Easy access to Flag X (100) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_1.pdf
X	--	Flag X	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag X (100) (Info : Reached from FF [FLG.1]gF3)
x	--	Subscript X	Character			Characters	See description	Character x (Fontcode : 2VE7 ₁₆)
x	--	Superscript X	Character			Characters	See description	Character ^x (Fontcode : 2WCD ₁₆)
9	--	Superscript 9	Character			Characters	See description	Character ⁹ (Fontcode : 2189 ₁₆)
x	--	Superscript x	Character			Characters	See description	Character ^x (Fontcode : 02E3 ₁₆)
X → BAL	X → BAL	X Balanced	Function (monadic)			Electrical engineering	Menu [ELEC.2]F4	Create balanced 3 phase quantities by pushing onto stack X * a, then X * a * a Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
X:Y=1	--	Forcing autoscale	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ₀ (PLFUNC).1]fF1	Switch on forcing autoscale on x- and y-axis to be the same ; not programmable - in PEM, use flag PLxy! Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_1.pdf
X:Y=1	--	Forcing autoscale	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).1]fF1	Switch on forcing autoscale on x- and y-axis to be the same ; not programmable - in PEM, use flag PLxy! Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_1.pdf
X:Y=1	--	Forcing autoscale	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.1]fF1	Switch on forcing autoscale on x- and y-axis to be the same ; not programmable - in PEM, use flag PLxy! Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_1.pdf
X:Y=1	--	Forcing autoscale	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCNS (PLFUNC).1]fF1	Switch on forcing autoscale on x- and y-axis to be the same ; not programmable - in PEM, use flag PLxy! Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_1.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Menu [PROB.1]F5	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PROB_page_1.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Menu [X.FN.1]fF6	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Keyboard f[1/x]	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Menu [MyM.6]F3	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_6.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Menu [MyM.9]F6	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_MyMenu_page_9.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Menu [FCNS.3]gF5	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Keyboard longpress [1/x]	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_2.pdf
x!	x!	Factorial x! or $\Gamma(x+1)$	Function (monadic)			Mathematics	Menu [HOME.1]F3	For Long integers : x! ; for Reals : $\Gamma(x+1)$ (Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_HOME_page_1.pdf
X.AXIS	--	Autoscaling to show x-axis	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ₀ (PLFUNC).2]F1	Switch on autoscaling to show x-axis ; not programmable - in PEM, use flag PLx.ax (Info : axis 0.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_2.pdf
X.AXIS	--	Autoscaling to show x-axis	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).2]F1	Switch on autoscaling to show x-axis ; not programmable - in PEM, use flag PLx.ax (Info : axis 0.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_2.pdf
X.AXIS	--	Autoscaling to show x-axis	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.1]F1	Switch on autoscaling to show x-axis ; not programmable - in PEM, use flag PLx.ax (Info : axis 0.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_1.pdf
X.AXIS	--	Autoscaling to show x-axis	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCNS (PLFUNC).2]F1	Switch on autoscaling to show x-axis ; not programmable - in PEM, use flag PLx.ax (Info : axis 0.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_2.pdf
X.EDIT	X.EDIT	Edit X	Command			Text input	Menu [ALPHA.1]fF2 (Also) reached from MENU (item) [a]	Edit contents of stack register X as text (Shortcut : alpha long [ENTER] ; EIM long [ENTER]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
X.EDIT	X.EDIT	Edit X	Command			Text input	Keyboard alpha f[ENTER]	Edit contents of stack register X as text (Shortcut : alpha long [ENTER] ; EIM long [ENTER]) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
X.EDIT	X.EDIT	Edit X	Command			Text input	Menu [NEW (EQ_EDIT).3]F3	Edit contents of stack register X as text (Shortcut : alpha long [ENTER] ; EIM long [ENTER]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
X.EDIT	X.EDIT	Edit X	Command			Text input	Menu [EDIT (EQ_EDIT).3] F3	Edit contents of stack register X as text (Shortcut : alpha long [ENTER]; EIM long [ENTER]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_3.pdf
X.EDIT	X.EDIT	Edit X	Command			Text input	Menu [α (ALPHA).1] F2	Edit contents of stack register X as text (Shortcut : alpha long [ENTER]; EIM long [ENTER]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
[X.FN]	X.FN	Extended functions	MENU			Mathematics	Menu [BLUE7.3] g F4	Extended functions (Bessel, Bernoulli, Gamma, Elliptical, Orthogonal, etcetera) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Prime_numbers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE7_page_3.pdf
[X.FN]	X.FN	Extended functions	MENU			Mathematics	Keyboard g [6]	Extended functions (Bessel, Bernoulli, Gamma, Elliptical, Orthogonal, etcetera) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Prime_numbers.pdf) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
[X.FN]	X.FN	Extended functions	MENU			Mathematics	Catalog CAT.MENU X.FN	Extended functions (Bessel, Bernoulli, Gamma, Elliptical, Orthogonal, etcetera) (Ref : https://n7calc.com/doc/R47/Reference/R47v0_Prime_numbers.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
X.SWAP	X.SWAP	Swap X	Command			Text input	Menu [ALPHA.1] f F3 (Also) reached from MENU (item) [α]	Swap contents of X register with input of alpha buffer or equation editor Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
X.SWAP	X.SWAP	Swap X	Command			Text input	Menu [NEW (EQ_EDIT).3] F4	Swap contents of X register with input of alpha buffer or equation editor Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_NEW_page_3.pdf
X.SWAP	X.SWAP	Swap X	Command			Text input	Menu [EDIT (EQ_EDIT).3] F4	Swap contents of X register with input of alpha buffer or equation editor Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_EDIT_EQN_page_3.pdf
X.SWAP	X.SWAP	Swap X	Command			Text input	Menu [α (ALPHA).1] f F3	Swap contents of X register with input of alpha buffer or equation editor Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
X%ILE	X%ILE	Percentile	Command			Summary statistics	Menu [STAT.2] f F2	Percentile (TI : $ptile_x = ; ptile_y =$) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
X→D	x→D	X to date	Function (monadic)			Time functions	Menu [CLK.1] g F2 (Also) reached from MENU (item) DTSET	Convert date input number to date according to CLK date format settings DD.MM.YYYY, MM/DD/YYYY or YYYY-MM-DD ; implied conversion set by YY does not apply (TI : Weekday ; Ref : https://n7calc.com/doc/R47/Reference/R47v0_Date_formats.pdf) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_1.pdf
X→XFN	X→XFN	XFN : Convert X to compound	Command (XFN)			Extended accuracy	Menu [XFCNS.1] g F1	Extended accuracy functionVirtual compound data type (0/1.0-1.5 ; 0/1.0 ; 0/1.0) : Convert X to Virtual compound data type (1.0-1.5 ; 0 ; 1.0) triplet in X, Y, Z ; load state file STATE/xfnToR47user.s47 to assign X→XFN to g[R4] (R4) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM42 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf
X→XFN	X→XFN	XFN : Convert X to compound	Command (XFN)			Extended accuracy	Menu [XFCNS.2] g F1	Extended accuracy functionVirtual compound data type (0/1.0-1.5 ; 0/1.0 ; 0/1.0) : Convert X to Virtual compound data type (1.0-1.5 ; 0 ; 1.0) triplet in X, Y, Z ; load state file STATE/xfnToR47user.s47 to assign X→XFN to g[R4] (R4) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM42 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_2.pdf
X→ α	x→ α	X to alpha	Function (monadic)			Text functions	Menu [α .FN.1] F3	Append character, character code (converted to character), text string or real matrix (converted to text string) to register or variable (TAM : x→ α ... Tam menu ; Info : when X is selected as the destination register or variable, the input is replaced, not appended to (unless it contains a text string in which case it is appended to itself) ; in all cases the original value of X is saved in LASTx ; Error 31 -- Output would exceed 588 characters -- may be raised) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
x $\bar{z}$	x $\bar{z}$	Swap X	Command			Stack	Menu [STK.1] f F2	Swap X and register (TAM : x $\bar{z}$... Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
x $\bar{z}$ y	x $\bar{z}$ y	Swap X and Y	Command			Stack	Keyboard [x $\bar{z}$ y]	Swap register X and register Y Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
x $\bar{z}$ y	x $\bar{z}$ y	Swap X and Y	Command			Stack	Keyboard normalSIM [TAB ; w]	Swap register X and register Y Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_4.pdf
X→DEG	X→DEG	XFN : Set DEG tag or convert to DEG	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1] F1	Extended accuracy function : Set DEG tag or convert to DEG, for compound input from three consecutive stack registers, operates on X (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM42 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf
X→RAD	X→RAD	XFN : Set RAD tag or convert to RAD	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1] F2	Extended accuracy function : Set RAD tag or convert to RAD, for compound input from three consecutive stack registers, operates on X (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM42 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$X < ?$	x < ?	X less than?	Command (logical)			Programming	Menu [TEST.1] F1	Test X is less than register or variable contents (TAM : x < ? ... TamCmp menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X = ?$	x = ?	X equals?	Command (logical)		0	Programming	Menu [TEST.1] F3	Test X equals register or variable contents (TAM : x = ? ... TamCmp menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X \neq ?$	x ≠ ?	X not equal to?	Command (logical)			Programming	Menu [TEST.1] F4	Test X is not equal to register or variable contents (TAM : x ≠ ? ... TamCmp menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X = -0 ?$	x = -0 ?	X equals -0?	Command (logical)			Programming	Menu [TEST.1] fF1	Test X equals -0 (Real number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X = +0 ?$	x = +0 ?	X equals +0?	Command (logical)		0	Programming	Menu [TEST.1] fF2	Test X equals +0 (Real number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X > ?$	x > ?	X greater than?	Command (logical)			Programming	Menu [TEST.1] F6	Test X is greater than register or variable contents (TAM : x > ? ... TamCmp menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X \approx ?$	x ≈ ?	X approximates?	Command (logical)			Programming	Menu [TEST.1] fF3	Test X approximates register or variable contents (rounded values are equal) (TAM : x ≈ ? ... TamCmp menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X \leq ?$	x ≤ ?	X less than or equal to?	Command (logical)			Programming	Menu [TEST.1] F2	Test X is less than or equal to register or variable contents (TAM : x ≤ ? ... TamCmp menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X \leq -0 ?$	x ≤ -0 ?	X less than or equal to -0?	Command (logical)			Programming	Menu [TEST.1] fF5	Test X is less than or equal to -0 (Real number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X \geq ?$	x ≥ ?	X greater than or equal to?	Command (logical)			Programming	Menu [TEST.1] F5	Test X is greater than or equal to register or variable contents (TAM : x ≥ ? ... TamCmp menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X \geq +0 ?$	x ≥ +0 ?	X greater than or equal to +0?	Command (logical)			Programming	Menu [TEST.1] fF6	Test X is greater than or equal to +0 (Real number) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TEST_page_1.pdf
$X1/X$	X1/X	XFN : Reciprocal	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2] F3	Extended accuracy function : Reciprocal, for compound input from three consecutive stack registers : $1 / (X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToR47user.sv7 to assign X1/X to [1/x] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI Σ is displayed during calculation ; function not available on DM92 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_2.pdf
$X10^X$	X10^X	XFN : 10 to the power x	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2] fF5	Extended accuracy function : 10 to the power x, for compound input from three consecutive stack registers : $10^{X \times Y + Z}$; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToR47user.sv7 to assign X10^X to f[LOG] (10^x) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI Σ is displayed during calculation ; function not available on DM92 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_2.pdf
$XACOS$	XACOS	XFN : Arc cosine	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1] gF5	Extended accuracy function : Arc cosine, for compound input from three consecutive stack registers : $ARCCOS(X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToR47user.sv7 to assign XACOS to g[8] (ACOS) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI Σ is displayed during calculation ; displays : Taylor Iter: m/1000; Dig: n/1040, where m is iteration counter, n is number of digits, shown if flag MONIT is SET ; function not available on DM92 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf
$XADD$	XADD	XFN : Add	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.1] F3	Extended accuracy function : Add, for compound input from six consecutive stack registers : $(T \times A + B) + (X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToR47user.sv7 to assign XADD to [+] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI Σ is displayed during calculation ; function not available on DM92 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf
$XASIN$	XASIN	XFN : Arc sine	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1] gF4	Extended accuracy function : Arc sine, for compound input from three consecutive stack registers : $ARCSIN(X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToR47user.sv7 to assign XASIN to g[7] (ASIN) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI Σ is displayed during calculation ; displays : Taylor Iter: m/1000; Dig: n/1040, where m is iteration counter, n is number of digits, shown if flag MONIT is SET ; function not available on DM92 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
XATAN	XATAN	XFN : Arc tangent	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1]gF6	Extended accuracy function : Arc tangent, for compound input from three consecutive stack registers : $\text{ARCTAN}(X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0); load state file STATE/xfnToRn7user.sv7 to assign XATAN to g[5] (ATAN) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5); SBI Σ is displayed during calculation; displays : Taylor Iter: m/1000; Dig: n/1040, where m is iteration counter, n is number of digits, shown if flag MONIT is SET ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_1.pdf
XATAN2	XATAN2	XFN : Expanded inverse tangent	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.1]gF3	Extended accuracy function : Expanded inverse tangent, for compound input from six consecutive stack registers : $\text{ARCTAN}((T \times A + B) / (X \times Y + Z))$; returns compound result in X, Y, Z, where Y contains Long integer (0) (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5); SBI Σ is displayed during calculation; displays : Taylor Iter: m/1000; Dig: n/1040, where m is iteration counter, n is number of digits, shown if flag MONIT is SET ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_1.pdf
XCHS	XCHS	XFN : Change sign	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2]fF1	Extended accuracy function : Change sign, for compound input from three consecutive stack registers : $-(X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0) and sign of X and Z is changed; load state file STATE/xfnToRn7user.sv7 to assign XCHS to [CHS] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5); SBI Σ is displayed during calculation; function not available on DM2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_2.pdf
XCOS	XCOS	XFN : Cosine	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1]fF5	Extended accuracy function : Cosine, for compound input from three consecutive stack registers : $\text{COS}(X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0); load state file STATE/xfnToRn7user.sv7 to assign XCOS to f[8] (COS) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5); SBI Σ is displayed during calculation; displays : Taylor Iter: m/1000; Dig: n/1040, where m is iteration counter, n is number of digits, shown if flag MONIT is SET ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_1.pdf
XDIV	XDIV	XFN : Divide	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.1]fF6	Extended accuracy function : Divide, for compound input from six consecutive stack registers : $(T \times A + B) / (X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0); load state file STATE/xfnToRn7user.sv7 to assign XDIV to [÷] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5); SBI Σ is displayed during calculation; function not available on DM2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_1.pdf
XDRG	XDRG	XFN : Degrees-radians-gradians	Function (monadic, cyclic, nonpgm, XFN)			Extended accuracy	Menu [XFCNS.1]gF2	Extended accuracy function : Degrees-radians-gradians, for compound input from three consecutive stack registers : $\text{DRG}(X \times Y + Z)$; returns compound result in X, Y, Z, where Y contains Long integer (0); load state file STATE/xfnToRn7user.sv7 to assign XDRG to [DRG] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5); SBI Σ is displayed during calculation; function not available on DM2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_1.pdf
Xe^X	Xe^X	XFN : e to the power x	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2]fF6	Extended accuracy function : e to the power x, for compound input from three consecutive stack registers : $e^{X \times Y + Z}$; returns compound result in X, Y, Z, where Y contains Long integer (0); load state file STATE/xfnToRn7user.sv7 to assign Xe^X to f[14] (e^x) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5); SBI Σ is displayed during calculation; function not available on DM2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_2.pdf
XEQ	XEQ	Execute	Command (PEM)			Programming	Menu [P.FN.1]F3	Execute function or program with global or local label (normal spaces can be used instead of special spaces in labels) (TAM : XEQ ... TamLabel menu ; Info : XEQ + TAM [XEQ] to enter global XEQ $\downarrow$. TamAlpha menu ; XEQ + button : on [TamLabel.1]F3 to enter XEQ : ... TamLocalLabel menu for easy access to local labels a-I, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1]F3 or TAM [XEQ] to enter XEQ $\downarrow$. TamAlpha menu)) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_P-FN_page_1.pdf
XEQ	XEQ	Execute	Command (PEM)			Programming	Keyboard [XEQ]	Execute function or program with global or local label (normal spaces can be used instead of special spaces in labels) (TAM : XEQ ... TamLabel menu ; Info : XEQ + TAM [XEQ] to enter global XEQ $\downarrow$. TamAlpha menu ; XEQ + button : on [TamLabel.1]F3 to enter XEQ : ... TamLocalLabel menu for easy access to local labels a-I, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1]F3 or TAM [XEQ] to enter XEQ $\downarrow$. TamAlpha menu)) Ref : https://n7calc.com/doc/Rn7/Keyboard/Row/Rn7v0_Keyboard_row_5.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
XEQ	XEQ	Execute	Command (PEM)			Programming	Menu [P.FN3.1] F3	Execute function or program with global or local label (normal spaces can be used instead of special spaces in labels) (TAM : XEQ ___ TamLabel menu ; Info : XEQ + TAM [XEQ] to enter global XEQ ___ TamAlpha menu ; XEQ + button : on [TamLabel.1] F3 to enter XEQ ___ TamLocalLabel menu for easy access to local labels a-I, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1] F3 or TAM [XEQ] to enter XEQ ___ TamAlpha menu)) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_P-FN3_page_1.pdf
XEQ	XEQ	Execute	Command (PEM)			Programming	Keyboard normalSIM [x]	Execute function or program with global or local label (normal spaces can be used instead of special spaces in labels) (TAM : XEQ ___ TamLabel menu ; Info : XEQ + TAM [XEQ] to enter global XEQ ___ TamAlpha menu ; XEQ + button : on [TamLabel.1] F3 to enter XEQ ___ TamLocalLabel menu for easy access to local labels a-I, D-F or local named labels (additionally pressing button α on [TamLocalLabel.1] F3 or TAM [XEQ] to enter XEQ ___ TamAlpha menu)) Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_5.pdf
XEQ.SKIP	XEQ.SKIP	Execute and skip	Command (PEM)			Programming	Menu [P.FN3.1] fF3	Execute function or program with global or local label (normal spaces can be used instead of special spaces in labels) and skip the next instruction (intended use is after a test function, which if true, calls XEQ.SKIP and jumps over the next program step, which means that step is executed only if the test function returns false) (Ref : https://n7calc.com/doc/Rn7/Reference/Rn7v0_Skipping_program_steps.pdf) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_P-FN3_page_1.pdf
[XFCNS]	XFCNS	Extended functions	MENU			Extended accuracy	Menu [X.FN.1] gFn	Extended accuracy functions for compounded input from three or six consecutive registers, effectively to 1000 digits for new models and simulator, but function not available on DMN2 hardware ; when working from the stack, the compound result overwrites X, Y, Z, but when working from other registers, the compound result is pushed onto the stack ; Y will contain Long integer ; when menu XFCNS is open, setting HIDE is ignored (Split screen : Displaying X+Y+Z= <value> and TxA+B= <value> (or "Invalid register type/angle") when menu XFCNS is open (on new stack input, using ALL notation ; Info : extended accuracy functions are defined for (compound) real input and output only, or will result in NaN (Not a Number) or Error 31 -- Input data types do not match ; when menu XFCNS is open, if XYZ contains result in Virtual compound data type, SHOW displays X : XY+Z = <value> and ditto for T : TA+B and for the dedicated triple register storage, e.g. R00 : FMA: (fused multiply-add) ; Ref : https://n7calc.com/doc/Rn7/Reference/Rn7v0_Datatypes.pdf) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_X-FN_page_1.pdf
[XFCNS]	XFCNS	Extended functions	MENU			Extended accuracy	Catalog CAT.MENUS XFCNS	Extended accuracy functions for compounded input from three or six consecutive registers, effectively to 1000 digits for new models and simulator, but function not available on DMN2 hardware ; when working from the stack, the compound result overwrites X, Y, Z, but when working from other registers, the compound result is pushed onto the stack ; Y will contain Long integer ; when menu XFCNS is open, setting HIDE is ignored (Split screen : Displaying X+Y+Z= <value> and TxA+B= <value> (or "Invalid register type/angle") when menu XFCNS is open (on new stack input, using ALL notation ; Info : extended accuracy functions are defined for (compound) real input and output only, or will result in NaN (Not a Number) or Error 31 -- Input data types do not match ; when menu XFCNS is open, if XYZ contains result in Virtual compound data type, SHOW displays X : XY+Z = <value> and ditto for T : TA+B and for the dedicated triple register storage, e.g. R00 : FMA: (fused multiply-add) ; Ref : https://n7calc.com/doc/Rn7/Reference/Rn7v0_Datatypes.pdf) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_1.pdf
+	--	Superscript +	Character			Characters	Menu [oMath.6] gF5	Mathematical symbol "+" (Fontcode : 216A+1) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaMATH_page_6.pdf
-	--	Superscript -	Character			Characters	Menu [oMath.6] gF4	Mathematical symbol "-" (Fontcode : 216B+1) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_alphaMATH_page_6.pdf
x ²	x ²	Square	Function (monadic)			Mathematics	Menu [MyM.3] F4	Square of X Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_MyMenu_page_3.pdf
x ²	x ²	Square	Function (monadic)			Mathematics	Menu [MyM.5] F3	Square of X Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_MyMenu_page_5.pdf
x ²	x ²	Square	Function (monadic)			Mathematics	Keyboard [x ²]	Square of X Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_2.pdf
x ²	x ²	Square	Function (monadic)			Mathematics	Keyboard normalSIM [Q ; ²]	Square of X Ref : https://n7calc.com/doc/Rn7/Keyboard/Rows/Rn7v0_Keyboard_row_2.pdf
XIQRR	XIQRR	Interquartile range	Command			Summary statistics	Menu [STAT.2] fF4	Interquartile range for both X and Y ; this is equal to Q.3 - Q.1 (TI : IQRx = ; IQRy =) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_STAT_page_2.pdf
x ³	x ³	Cube	Function (monadic)			Mathematics	Menu [EXP.1] F1	Raise to power of 3 Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_EXP_page_1.pdf
XLN	XLN	XFN : Natural logarithm	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2] F6	Extended accuracy function : Natural logarithm, for compound input from three consecutive stack registers : LN(X × Y + Z) ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sh7 to assign XLN to [LN] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.8-2.5) ; SBI X is displayed during calculation ; function not available on DMN2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_2.pdf
XLOG	XLOG	XFN : Common logarithm	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2] F5	Extended accuracy function : Common logarithm, for compound input from three consecutive stack registers : LOG(X × Y + Z) ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sh7 to assign XLOG to [LOG] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.8-2.5) ; SBI X is displayed during calculation ; function not available on DMN2 hardware) Ref : https://n7calc.com/doc/Rn7/Menu/Rn7v0_Menu_XFCNS_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
XHAD	XHAD	Median absolute deviation	Command			Summary statistics	Menu [STAT.2] fF3	Median absolute deviation for both X and Y ; this is the median of the differences between each data point and the overall median (TI : mad _x = ; mad _y =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
XMAX	XMAX	Maxima	Command			Summary statistics	Menu [STAT.2] F5	Maxima (TI : x _{max} = ; y _{max} =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
XMEDN	XMEDN	Median	Command			Summary statistics	Menu [STAT.2] F3	Sort the data and return the middle value for both X and Y ; for an even number of samples, the arithmetic mean of the two middle values is returned (TI : md _x = ; md _y =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
XMIN	XMIN	Minima	Command			Summary statistics	Menu [STAT.2] F1	Minima (TI : x _{min} = ; y _{min} =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
XMOD	XMOD	XFN : Modulo	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.2] fF2	Extended accuracy function : Modulo, for compound input from six consecutive stack registers : MOD{(T × A + B), (X × Y + Z)} ; returns compound result in X, Y, Z, where Y contains Long integer (0) (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI ^X is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_2.pdf
XMOD₄	XMOD ₄	XFN : Modulo (angle)	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.2] fF3	Extended accuracy function : Modulo (angle), for compound input from three consecutive stack registers : MOD{(X × Y + Z), <full circle>}, where <full circle> value is derived from angle tag or Angular Display Mode ; returns compound result in X, Y, Z, where Y contains Long integer (0) (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI ^X is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_2.pdf
XMULT	XMULT	XFN : Multiply	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.1] F5	Extended accuracy function : Multiply, for compound input from six consecutive stack registers : (T × A + B) × (X × Y + Z) ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToR47user.s47 to assign XMULT to [x] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI ^X is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_1.pdf
XNOR	XNOR	Exclusive NOR	Function (dyadic)			Bits and bytes	Menu [BITS.1] fF3 (Also) reached from MENU (item) BITSHFT	Logical exclusive NOR (bitwise) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
XOR	XOR	XOR	Function (dyadic)			Bits and bytes	Menu [BASE.1] fF3	Bitwise XOR (exclusive OR) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE_page_1.pdf
XOR	XOR	XOR	Function (dyadic)			Bits and bytes	Menu [BITS.1] F3 (Also) reached from MENU (item) BITSHFT	Bitwise XOR (exclusive OR) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BITS_page_1.pdf
XOR	XOR	XOR	Function (dyadic)			Bits and bytes	Menu [BASE.1] fF3	Bitwise XOR (exclusive OR) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BASE2_page_1.pdf
XPORTP	XPORTP	Export program	Command			Input-Output	Menu [I/O.1] gF1	Export program to rich text format file (.rtf) in FAT (TAM : XPORTP _ TamLbOnly menu ; DMCP : File save dialog ("Export Program RTF" -- PROGRAMS/) ; TI : Saved) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_I-O_page_1.pdf
XPOWER	XPOWER	XFN : y to the power x	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.2] F4	Extended accuracy function : y to the power x, for compound input from six consecutive stack registers : (T × A + B) ^{x × y + z} ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToR47user.s47 to assign XPOWER to [y ^x] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI ^X is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_2.pdf
XQ1	XQ1	Lower quartile	Command			Summary statistics	Menu [STAT.2] F2	Lower quartile for both X and Y -- see https://en.wikipedia.org/wiki/Quartile#Method_1 (TI : Q ₁ x = ; Q ₁ y =) [https://en.wikipedia.org/wiki/Quartile#Method_1] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
XQ3	XQ3	Upper quartile	Command			Summary statistics	Menu [STAT.2] F4	Upper quartile for both X and Y -- see https://en.wikipedia.org/wiki/Quartile#Method_1 (TI : Q ₃ x = ; Q ₃ y =) [https://en.wikipedia.org/wiki/Quartile#Method_1] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
XRANGE	XRANGE	Stats range	Command			Summary statistics	Menu [STAT.2] fF6	Range for both X and Y ; this is equal to MAX - MIN of the statistics matrix (STATS) (TI : rg _x = ; rg _y =) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_2.pdf
XRDP	XRDP	XFN : Round to decimal places	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2] gF5	Extended accuracy function : Round real number to number of decimal places, subject to rounding mode (RMODE), for compound input from three consecutive stack registers : RDP(X × Y + Z) ; returns compound result in X, Y, Z, where Y contains Long integer (0) (TAM : XRDP _ TamNonReg menu ; Range is [0, 1034] ; Info : function not available on DM2 hardware) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_XFCNS_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
XRSD	XRSD	XFN : Round to significant digits	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2]gF6	Extended accuracy function : Round real number to number of significant digits, subject to rounding mode (RMODE), for compound input from three consecutive stack registers : RSD($X \times Y + Z$) ; returns compound result in X, Y, Z, where Y contains Long integer (0) (TAM : XRSD ---- TamNonReg menu ; Range is [6, 1024] ; Info : function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_2.pdf
XSIN	XSIN	XFN : Sine	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1]fF4	Extended accuracy function : Sine, for compound input from three consecutive stack registers : SIN($X \times Y + Z$) ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sv7 to assign XSIN to f[7] (SIN) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; displays : Taylor Iter: m/1000; Dig: n/1040, where m is iteration counter, n is number of digits, shown if flag MONIT is SET ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_1.pdf
XSQR	XSQR	XFN : Square	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2]F1	Extended accuracy function : Square, for compound input from three consecutive stack registers : ($X \times Y + Z$) ² ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sv7 to assign XSQR to [x ²] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_2.pdf
XSQRT	XSQRT	XFN : Square root	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.2]F2	Extended accuracy function : Square root, for compound input from three consecutive stack registers : $\sqrt{(X \times Y + Z)}$; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sv7 to assign XSQRT to [- $\sqrt{X}$] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_2.pdf
XSUB	XSUB	XFN : Subtract	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.1]F4	Extended accuracy function : Subtract, for compound input from six consecutive stack registers : (T $\times$ A + B) - ($X \times Y + Z$) ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sv7 to assign XSUB to [-] in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_1.pdf
XSUM	XSUM	XSUM	Command			Summary statistics	Menu [STAT.2]F6	Return Σx and Σy in X and Y respectively (TI : $\Sigma x = ; \Sigma y =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_2.pdf
XTAN	XTAN	XFN : Tangent	Function (monadic, XFN)			Extended accuracy	Menu [XFCNS.1]fF6	Extended accuracy function : Tangent, for compound input from three consecutive stack registers : TAN($X \times Y + Z$) ; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sv7 to assign XTAN to f[8] (TAN) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; displays : Taylor Iter: m/1000; Dig: n/1040, where m is iteration counter, n is number of digits, shown if flag MONIT is SET ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_1.pdf
XXRTY	XXRTY	XFN : xth root	Function (dyadic, XFN)			Extended accuracy	Menu [XFCNS.2]fF4	Extended accuracy function : xth root, for compound input from six consecutive stack registers : $\sqrt[x \times y + z]{T \times A + B}$; returns compound result in X, Y, Z, where Y contains Long integer (0) ; load state file STATE/xfnToRn7user.sv7 to assign XXRTY to f[y ^x] (Sg) in USER mode (Info : Error 31 -- Input data types do not match -- is raised when input contains Complex number (2.0-2.5) ; SBI $\bar{X}$ is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_2.pdf
X π	X π	XFN : pi	Command (XFN)			Extended accuracy	Menu [XFCNS.1]fF3	Extended accuracy command : X π , to push π onto the stack as a Virtual compound data type triplet with factor 1 of $1. \times 10^{-999}$ in X, factor 2 of 1000 digits of π as 0/1.0 ; 0/1.0 ; Long integer in Y and term of 6. in Z ; load state file STATE/xfnToRn7user.sv7 to assign X π to f[R4] (n) in USER mode (Info : SBI $\bar{X}$ is displayed during calculation ; function not available on DM2 hardware) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_XFCNS_page_1.pdf
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [Tam.1]F4	Easy access to Register Y (101) ; Stack level 2 (TI : Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Tam_page_1.pdf
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [TamCmp.1]F4	Easy access to Register Y (101) ; Stack level 2 (TI : Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamCmp_page_1.pdf
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [TamShuffle.1]F4	Easy access to Register Y (101) ; Stack level 2 (TI : Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamShuffle_page_1.pdf
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [REG.1]gF4	Easy access to Register Y (101) ; Stack level 2 (TI : Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_REG_page_1.pdf
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [TamIndirect.1]F4 (Also) reached from Command (TAM) →	Easy access to Register Y (101) ; Stack level 2 (TI : Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamIndirect_page_1.pdf
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [TamRcl.1]F4	Easy access to Register Y (101) ; Stack level 2 (TI : Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamRcl_page_1.pdf
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [TamSto.1]F4	Easy access to Register Y (101) ; Stack level 2 (TI : Y) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TamSto_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Y	--	Register Y	EasyAccess (TAM)			Trailing input	Menu [» (TamIndirect).1] F4	Easy access to Register Y (101) : Stack level 2 (TI : Y); Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Arrow_page_1.pdf
Y	--	Y	Character			Characters	Keyboard alpha [-]	Character 'Y' (Fontcode : 8B59 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
Y	--	Y	Character			Characters	Keyboard alphaSIM [y]	Character 'Y' (Fontcode : 8B59 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
y	--	y	Character			Characters	Keyboard alpha f [-]	Character 'y' (Fontcode : 8B73 ₁₆) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
Y	--	Register Y	Register (lettered)			Lettered registers	See description	Register Y (101) : Stack level 2 (Info : Reached using stack or from STO/RCL [Tam.1] F4)
Y	--	Flag Y	EasyAccess (TAM)			Trailing input	Menu [TamFlag.1] F4	Easy access to Flag Y (101) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_TamFlag_page_1.pdf
Y	--	Flag Y	EasyAccess (TAM)			Trailing input	Menu [FLG.1] gF4	Easy access to Flag Y (101) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FLG_page_1.pdf
Y	--	Flag Y	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag Y (101) (Info : Reached from FF [FLG.1] gF4)
y	--	Subscript Y	Character			Characters	See description	Character 'y' (Fontcode : 24E8 ₁₆)
Y	--	Superscript Y	Character			Characters	See description	Character 'Y' (Fontcode : 24CE ₁₆)
Ÿ	--	Y accute	Character			Characters	Menu [αINTL.v] gF1	International character 'Ÿ' (Fontcode : 80DD ₁₆ ; Info : press [4] for ý at [αintL.v] gF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_1.pdf
Ÿ	--	y accute	Character			Characters	Menu [αintL.v] gF1	International character 'Ÿ' (Fontcode : 80FD ₁₆ ; Info : press [4] for ý at [αINTL.v] gF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_1.pdf
Ÿ	--	Y circumflex	Character			Characters	Menu [αINTL.v] gF2	International character 'Ÿ' (Fontcode : 8176 ₁₆ ; Info : press [4] for ý at [αintL.v] gF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_1.pdf
Ÿ	--	y circumflex	Character			Characters	Menu [αintL.v] gF2	International character 'Ÿ' (Fontcode : 8177 ₁₆ ; Info : press [4] for ý at [αINTL.v] gF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_1.pdf
Ÿ	--	y circumflex	Character			Characters	Menu [αMath.7] fF5	Mathematical symbol 'Ÿ' (Fontcode : 8177 ₁₆ ; Info : press [4] for ý at [αINTL.v] gF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
Ÿ	Ÿ	y hat	Command			Plotting and curve fitting	Menu [REGR.1] F6	Estimation of y Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_REGR_page_1.pdf
ÿ	--	Y diaresis	Character			Characters	Menu [αINTL.v] gF3	International character 'ÿ' (Fontcode : 8178 ₁₆ ; Info : press [4] for ý at [αintL.v] gF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_1.pdf
ÿ	--	y diaresis	Character			Characters	Menu [αintL.v] gF3	International character 'ÿ' (Fontcode : 80FF ₁₆ ; Info : press [4] for ý at [αINTL.v] gF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_1.pdf
ȳ	--	y macron	Character			Characters	Menu [αMath.7] F5	Mathematical symbol 'ȳ' (Fontcode : 8233 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
ȳ	--	y under root	Character			Characters	Menu [αMath.2] F6	Mathematical symbol 'ȳ' (Fontcode : 8233 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
Y → Δ	Y → Δ	Star (Wye) to Delta	Function (triadic)			Electrical engineering	Menu [ELEC.2] fF5	Convert delta connected impedances X, Y, Z to star impedances X, Y, Z (TI : ca : ; ab : ; bc :) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
Y.AXIS	--	Autoscaling to show y-axis	Setting	OFF	<no annunciator>	Plotting	Menu [Draw _Y (PLFUNC).2] F2	Switch on autoscaling to show y-axis ; not programmable - in PEM, use flag Ply.ax (Info : axis 8.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DrawYX_page_2.pdf
Y.AXIS	--	Autoscaling to show y-axis	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).2] F2	Switch on autoscaling to show y-axis ; not programmable - in PEM, use flag Ply.ax (Info : axis 8.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Draw_page_2.pdf
Y.AXIS	--	Autoscaling to show y-axis	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.1] F2	Switch on autoscaling to show y-axis ; not programmable - in PEM, use flag Ply.ax (Info : axis 8.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLSTAT_page_1.pdf
Y.AXIS	--	Autoscaling to show y-axis	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFCNS (PLFUNC).2] F2	Switch on autoscaling to show y-axis ; not programmable - in PEM, use flag Ply.ax (Info : axis 8.0 or x-axis y=0 or y-axis x=0 is displayed) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLTFCNS_page_2.pdf
Y _y (x)	Y _y (x)	Bessel function of the 2nd kind	Command			Mathematics	Menu [X.FN.2] gF9	Bessel function of the 2nd kind and order y -- see http://en.wikipedia.org/wiki/Bessel_function [http://en.wikipedia.org/wiki/Bessel_function] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
y↔	y↔	Swap Y	Command			Stack	Menu [STK.1] fF3	Swap Y and register (TAM : y↔ -- Tam menu) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STK_page_1.pdf
yd→m	--	yd to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.1] F3	Convert yard to metre (TI : m) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Length_page_1.pdf
YEAR	YEAR	Year	Function (monadic)			Time functions	Menu [CLK.2] fF6 (Also) reached from MENU (item) DTSET	Year (of date in X) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CLK_page_2.pdf
YEAR	YEAR	Year	Function (monadic)			Time functions	Menu [DTSET (CLK).1] fF6	Year (of date in X) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DTSET_page_1.pdf
year→s	--	year to s	Function (monadic, linked)		<no annunciator>	Time conversions	Menu [Misc.1] fF1	Convert year to second (TI : s) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Misc_page_1.pdf
YES	--	Yes	Command			User interface	Menu [YESNO.1] F2	Respond : Yes Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_YESNO_page_1.pdf
[YESNO]	--	Confirmation	MENU (dialog)			User interface	See description	Confirmation menu (Info : YESNO menu is typically activated by RESET on [CLR.1] gF1)

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$y\dot{n}\rightarrow m$	--	$y\dot{n}$ to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.2] F3	Convert yin to metre (T1 : m) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Length_page_2.pdf
YMD	YMD @	Year-month-day	Setting (pgm)	ON	YYYY-MM-DD	Display	Menu [CLK.2] F6 (Also) reached from MENU (item) DTSET	Switch on YYYY-MM-DD display mode (Format : YYYY-MM-DD ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CLK_page_2.pdf
YMD	YMD @	Year-month-day	Setting (pgm)	ON	YYYY-MM-DD	Display	Menu [DTSET (CLK).1] F6	Switch on YYYY-MM-DD display mode (Format : YYYY-MM-DD ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_DTSET_page_1.pdf
YMD	--	Year-month-day	Flag (system)	SET	YYYY-MM-DD	Display	Menu [SYS.FL.6] gF4 (Also) reached from MENU (item, nonpgm) CFL6	SET for YYYY-MM-DD display mode; CLEAR for YYYY-MM-DD display mode inactive (Format : YYYY-MM-DD ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_SYS-FL_page_6.pdf
YMD	--	Year-month-day	Flag (system)	SET	YYYY-MM-DD	Display	Menu [CFL6 (SYS.FL).6] gF4	SET for YYYY-MM-DD display mode; CLEAR for YYYY-MM-DD display mode inactive (Format : YYYY-MM-DD ; Info : SBI is shown if flag SBdate is SET) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CFL6_page_6.pdf
[Ymmv:]	Ymmv:	Mileage conversions	MENU		<no annunciator>	Mileage conversions	Menu [CONV.1] fF2	Convert between units of mileage ("Your mileage may vary") (Info : "E" designates "kmh" ; Flag CONVw may be SET for <to> +> <to> unit conversion buttons; CLEAR for <from> -> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CONV_page_1.pdf
[Ymmv:]	Ymmv:	Mileage conversions	MENU		<no annunciator>	Mileage conversions	Catalog CAT.MENU Ymmv:	Convert between units of mileage ("Your mileage may vary") (Info : "E" designates "kmh" ; Flag CONVw may be SET for <to> +> <to> unit conversion buttons; CLEAR for <from> -> <from> unit conversion buttons (default SET)) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Ymmv_page_1.pdf
y^x	y^x	y to the power x	Function (dyadic)			Mathematics	Menu [EXP.1] F2	Raise value in the Y-register to the power in the X-register Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_EXP_page_1.pdf
y^x	y^x	y to the power x	Function (dyadic)			Mathematics	Menu [MyM.3] F3	Raise value in the Y-register to the power in the X-register Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_MyMenu_page_3.pdf
y^x	y^x	y to the power x	Function (dyadic)			Mathematics	Menu [MyM.5] F2	Raise value in the Y-register to the power in the X-register Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_MyMenu_page_5.pdf
y^x	y^x	y to the power x	Function (dyadic)			Mathematics	Keyboard normalSIM [Y ;]	Raise value in the Y-register to the power in the X-register Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_2.pdf
y^x	y^x	y to the power x	Function (dyadic)			Mathematics	Keyboard [y ^x]	Raise value in the Y-register to the power in the X-register Ref : https://n7calc.com/doc/R47/Keyboard/Row/R47v0_Keyboard_row_2.pdf
$y\mathbf{x}\rightarrow\vec{v}_2$	$y\mathbf{x}\rightarrow\vec{v}_2$	Compose 1x2 vector	Function (dyadic)		<no annunciator>	Vector operations	Menu [$\vec{v}\rightarrow\vec{v}_1$] F1	Compose 1x2 vector from Y, X ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : [i] [v ₁ v ₂] ; polar vector : [rθ _i] [v ₁ v ₂]°) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VectorConv_page_1.pdf
$y\mathbf{x}\oplus\vec{v}_2$	$y\mathbf{x}\oplus\vec{v}_2$	Compose/decompose 1x2 vector	Function (dyadic, nonpgm)		<no annunciator>	Vector operations	Menu [$\vec{v}\rightarrow\vec{v}_1$.1] fF1	Compose/decompose 1x2 vector from/to Y, X ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : [i] [v ₁ v ₂] ; rectangular elements : [i]= ; [j]= ; polar vector : [rθ _i] [v ₁ v ₂]° ; polar elements : [r]= ; [θ _i]=°) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VectorConv_page_1.pdf
$y\mathbf{x}\oplus\vec{v}_2$	$y\mathbf{x}\oplus\vec{v}_2$	Compose/decompose 1x2 vector	Function (dyadic, nonpgm)		<no annunciator>	Vector operations	Menu [VECTOR.2] F4	Compose/decompose 1x2 vector from/to Y, X ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : [i] [v ₁ v ₂] ; rectangular elements : [i]= ; [j]= ; polar vector : [rθ _i] [v ₁ v ₂]° ; polar elements : [r]= ; [θ _i]=°) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_VECTOR_page_2.pdf
YY	YYo	Two digit year limit	Setting (pgm)	0	<no annunciator>	Time functions	Menu [CLK.1] gF5 (Also) reached from MENU (item) DTSET	Set the limit <ccyy> for two digit year conversion in function .d (in NIM only), up to which the specified (tracked) century <cc> is implied and above which the prior century <cc-1> is used (TAM : YY ____ TamNonRegTrk menu ; Info : Displayed with subscript <ccyy> as YY<ccyy>) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_CLK_page_1.pdf
YYoff	YYoff	Two digit year off	Command			Time functions	Menu [TamNonRegTrk.1] fF2	Switch off two digit year conversion in function .d (Info : Displayed in button for YY with subscript "off" as YY<off>) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TamNonRegTrk_page_1.pdf
YYtrack	YYtrack	Two digit year tracking	Command			Time functions	Menu [TamNonRegTrk.1] F2	Switch on two digit year conversion tracking to imply the latest century <cc> used in function .d and set the limit for YY to <cc99> to use the full range of years (Info : Displayed in button for .d ; YY with subscript "T" as .d ; YY<cc99> t) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TamNonRegTrk_page_1.pdf
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [Tam.1] F5	Easy access to Register Z (102) : Stack level 3 (T1 : Z) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_Tam_page_1.pdf
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [TamCmp.1] F5	Easy access to Register Z (102) : Stack level 3 (T1 : Z) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TamCmp_page_1.pdf
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [TamShuffle.1] F5	Easy access to Register Z (102) : Stack level 3 (T1 : Z) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TamShuffle_page_1.pdf
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [REG.1] gF5	Easy access to Register Z (102) : Stack level 3 (T1 : Z) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_REG_page_1.pdf
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [TamIndirect.1] F5 (Also) reached from Command (TAM) →	Easy access to Register Z (102) : Stack level 3 (T1 : Z) Ref : https://n7calc.com/doc/R47/Menuus/R47v0_Menu_TamIndirect_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [TamRcl.1] F5	Easy access to Register Z (102) : Stack level 3 (Ti : Z) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamRcl_page_1.pdf
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [TamSto.1] F5	Easy access to Register Z (102) : Stack level 3 (Ti : Z) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamSto_page_1.pdf
Z	--	Register Z	EasyAccess (TAM)			Trailing input	Menu [→ (Tamindirect.1)] F5	Easy access to Register Z (102) : Stack level 3 (Ti : Z) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Arrow_page_1.pdf
Z	--	Z	Character			Characters	Keyboard alpha [0]	Character Z (Fontcode : 0B5A ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_8.pdf
Z	--	Z	Character			Characters	Keyboard alphaSIM [z]	Character Z (Fontcode : 0B5A ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_8.pdf
Z	--	z	Character			Characters	Keyboard alpha f [0]	Character z (Fontcode : 0B7A ₁₆) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_8.pdf
Z	--	Register Z	Register (lettered)			Lettered registers	See description	Register Z (102) : Stack level 3 (Info : Reached using stack or from STO/RCL [Tam.1] F5)
Z	--	Flag Z	EasyAccess (TAM)			Trailing input	Menu [TamFlag.1] F5	Easy access to Flag Z (102) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_TamFlag_page_1.pdf
Z	--	Flag Z	EasyAccess (TAM)			Trailing input	Menu [FLG.1] gF5	Easy access to Flag Z (102) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FLG_page_1.pdf
Z	--	Flag Z	Flag (lettered)		<no annunciator>	Lettered flags	See description	Flag Z (102) (Info : Reached from FF [FLG.1] gF5)
Z	--	Integer Z	Character			Characters	Menu [αMath.5] gF6	Mathematical symbol Z (Fontcode : 2124 ₁₆) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_5.pdf
z	--	Subscript Z	Character			Characters	See description	Character z (Fontcode : 24E9 ₁₆)
Z	--	Superscript Z	Character			Characters	See description	Character Z (Fontcode : 24CF ₁₆)
Ẑ	--	Z accute	Character			Characters	Menu [αINTL.4] gF4	International character Ẑ (Fontcode : 0179 ₁₆ ; Info : press [4] for Ẑ at [αintl.4] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_4.pdf
Ẓ	--	z accute	Character			Characters	Menu [αintl.4] gF4	International character Ẓ (Fontcode : 017A ₁₆ ; Info : press [4] for Ẓ at [αintl.4] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_4.pdf
Ž	--	Zcaron	Character			Characters	Menu [αINTL.4] gF6	International character Ž (Fontcode : 017D ₁₆ ; Info : press [4] for Ž at [αintl.4] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_4.pdf
ž	--	z caron	Character			Characters	Menu [αintl.4] gF6	International character ž (Fontcode : 017E ₁₆ ; Info : press [4] for ž at [αintl.4] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_4.pdf
Ẓ	--	Z dot	Character			Characters	Menu [αINTL.4] gF5	International character Ẓ (Fontcode : 017B ₁₆ ; Info : press [4] for Ẓ at [αintl.4] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaINTL_page_4.pdf
ẓ	--	z dot	Character			Characters	Menu [αintl.4] gF5	International character ẓ (Fontcode : 017C ₁₆ ; Info : press [4] for ẓ at [αintl.4] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaintl-lower_page_4.pdf
zZ	zZ	Swap Z	Command			Stack	Menu [STK.1] fF4	Swap Z and register (TAM : zZ → Tam menu) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_STK_page_1.pdf
Z=V÷I	Z=V:I	Triple Z = V ÷ I	Function (triadic)			Electrical engineering	Menu [ELEC.2] F3	X = R00 / R03 ; Y = R01 / R04 ; Z = R02 / R05 Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_ELEC_page_2.pdf
Z ₀	--	Characteristic impedance of vacuum	Constant			Constants	Menu [CNST.4] F2	Constant ■ 55 Z ₀ imped.vac = +3.76730313N12 × 10 ² (Unit : Ω) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
zhàng→m	--	zhàng to m	Function (monadic, linked)		<no annunciator>	Distance conversions	Menu [Length.2] fF3	Convert zhàng to metre (Ti : m) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Length_page_2.pdf
ZIP	ZIP	Zip	Function (dyadic)			Bits and bytes	Menu [BITS.1] fF5 (Also) reached from MENU (item) BITSHFT	Interleave (zip) bits of Y and X, starting with most significant bit of Y Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_BITS_page_1.pdf
ZOOM	ZOOM	Zoom (plot)	Command (PEM)			Programming	Menu [P.FN1.1] gF4	Zoom plot to factor in X (Info : -3...-1 : zoom out ; 0 : normal) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_P-FN1_page_1.pdf
zyx→ṽ ₃	zyx→ṽ ₃	Compose 1x3 vector	Function (triadic)		<no annunciator>	Vector operations	Menu [ṽ→ṽ.1] F3	Compose 1x3 vector from Z, Y, X, according to Physics or Math conventions (for spherical polar vectors) as set by flag 3DPHYS (default CLEAR) ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : [i,j,k] [v ₁ v ₂ v ₃] ; spherical vector : [pR,φ,θ] _u [v ₁ v ₂ v ₃] ; cylindrical vector : [rR,φ,k] [v ₁ v ₂ v ₃] ; in Program Entry Mode, flag 3DPHYS determines whether zyx→ṽ ₃ or zyx→ṽ ₃ is stored ; notation convention is indicated by the Ti subscript of the spherical polar vector : p for Physics, u for Math (determines ordering of vector elements, works on whole stack)) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_VectorConv_page_1.pdf
zyx→ṽ _{3M}	zyx→ṽ _{3M}	Compose 1x3 vector (M)	Function (triadic)		<no annunciator>	Vector operations	Catalog CAT.FCNS zyx→ṽ _{3M}	Compose 1x3 vector from Z, Y, X, according to Math conventions (for spherical polar vectors) ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : [i,j,k] [v ₁ v ₂ v ₃] ; spherical vector : [pR,φ,θ] _u [v ₁ v ₂ v ₃] ; cylindrical vector : [rR,φ,k] [v ₁ v ₂ v ₃] ; in Program Entry Mode, zyx→ṽ _{3M} is stored when zyx→ṽ ₃ is entered and flag 3DPHYS is CLEAR) Ref : https://N7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$zyx \rightarrow \vec{v}_3p$	$zyx \rightarrow \vec{v}_3p$	Compose 1x3 vector (P)	Function (triadic)		<no annunciator>	Vector operations	Catalog CAT.FCNS $zyx \rightarrow \vec{v}_3p$	Compose 1x3 vector from Z, Y, X, according to Physics conventions (for spherical polar vectors) ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : $[ijk] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}$; spherical vector : $[p\theta_k] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}^*$; cylindrical vector : $[r\theta_k] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}^*$; in Program Entry Mode, $zyx \rightarrow \vec{v}_3p$ is stored when $zyx \rightarrow \vec{v}_3$ is entered and flag 3DPHYS is SET) Ref : https://n7calc.com/doc/RN7/Catalog/RN7v0_Function_catalog.pdf
$zyx \rightarrow \vec{D}$	$zyx \rightarrow \vec{D}$	Compose date	Function (triadic)			Time functions	Menu [CLK.1]gF1 (Also) reached from MENU (item) DTSET	Compose date from Z, Y, X according to CLK date format settings DD.MM.YYYY, MM/DD/YYYY or YYYY-MM-DD ; implied conversion set by YY does not apply (TI : Weekday ; Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Date_formats.pdf) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLK_page_1.pdf
$zyx \rightarrow \vec{M}$	$zyx \rightarrow \vec{M}$	Compose 3x1 matrix	Function (triadic)			Electrical engineering	Menu [ELEC.1]gF3	Compose 3x1 matrix from Z, Y, X Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_ELEC_page_1.pdf
$zyx \rightarrow \vec{T}$	$zyx \rightarrow \vec{T}$	Compose time	Function (monadic)			Time functions	Menu [CLK.1]gF3 (Also) reached from MENU (item) DTSET	Compose time from 24H hours in Z, minutes in Y, seconds in X Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_CLK_page_1.pdf
$zyx \rightarrow \vec{v}_3$	$zyx \rightarrow \vec{v}_3$	Compose/decompose 1x3 vector	Function (triadic, nonpgm)		<no annunciator>	Vector operations	Menu [$\vec{v} \rightarrow \vec{v}$.1]fF3	Compose/decompose 1x3 vector from/to Z, Y, X, according to Physics or Math conventions (for spherical polar vectors) as set by flag 3DPHYS (default CLEAR) ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : $[ijk] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}$; rectangular elements : $[i] = ; [j] = ; [k] =$; spherical vector : $[p\theta_k] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}^*$; spherical elements : $[p] = ; [\theta_k] = ; [\phi_k] =$; cylindrical vector : $[r\theta_k] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}^*$; cylindrical elements : $[r] = ; [\theta_k] = ; [k] =$) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_VectorConv_page_1.pdf
$zyx \rightarrow \vec{v}_3$	$zyx \rightarrow \vec{v}_3$	Compose/decompose 1x3 vector	Function (triadic, nonpgm)		<no annunciator>	Vector operations	Menu [VECTOR.1]F4	Compose/decompose 1x3 vector from/to Z, Y, X, according to Physics or Math conventions (for spherical polar vectors) as set by flag 3DPHYS (default CLEAR) ; tagged angles in the input will be recognized and the appropriate coordinate tag will be applied to the vector (Info : Display depends on flag 3Dxyz, for rectangular vector : $[ijk] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}$; rectangular elements : $[i] = ; [j] = ; [k] =$; spherical vector : $[p\theta_k] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}^*$; spherical elements : $[p] = ; [\theta_k] = ; [\phi_k] =$; cylindrical vector : $[r\theta_k] \begin{bmatrix} v_1 & v_2 & v_3 \end{bmatrix}^*$; cylindrical elements : $[r] = ; [\theta_k] = ; [k] =$) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_VECTOR_page_1.pdf
'	--	Narrow Apostrophe	Character			Characters	See description	Character ' (Fontcode : 02BC16)
$[\alpha]$	ALPHA	Alpha input	MENU (item)			Text input	Keyboard f[XEQ]	Open alpha menu to enter, edit and clear alpha input ; when TAM is active, open menu TamAlpha (Shortcut : longpress [XEQ] (even when M.I% is ON) ; Info : Alpha Input Mode is opened in UPPERCASE ; menu CAT [ALPHA] is available on keyboard alpha f[*] ; alpha g-shift characters can also be reached from alpha longpress keyboard) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
$[\alpha]$	ALPHA	Alpha input	MENU (item)			Text input	Catalog CAT.MENUS ALPHA	Open alpha menu to enter, edit and clear alpha input ; when TAM is active, open menu TamAlpha (Shortcut : longpress [XEQ] (even when M.I% is ON) ; Info : Alpha Input Mode is opened in UPPERCASE ; menu CAT [ALPHA] is available on keyboard alpha f[*] ; alpha g-shift characters can also be reached from alpha longpress keyboard) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_alpha_page_1.pdf
$[\alpha]$	ALPHA	Alpha input	MENU (item)			Text input	Keyboard longpress [XEQ]	Open alpha menu to enter, edit and clear alpha input ; when TAM is active, open menu TamAlpha (Shortcut : longpress [XEQ] (even when M.I% is ON) ; Info : Alpha Input Mode is opened in UPPERCASE ; menu CAT [ALPHA] is available on keyboard alpha f[*] ; alpha g-shift characters can also be reached from alpha longpress keyboard) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
A	--	ALPHA	Character			Characters	Menu [A...Ω.1]F1	Greek character A (Fontcode : 03B116 ; Info : press [4] for α at [α...ω.1]F1) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_Alpha-Omega_page_1.pdf
α	--	alpha	Character			Characters	Menu [α...ω.1]F1	Greek character α (Shortcut : alpha f[XEQ] ; Info : Fontcode : 03B116 ; press [*] for A at [A...Ω.1]F1) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_alpha-omega-lower_page_1.pdf
α	--	alpha	Character			Characters	Keyboard alpha f[XEQ]	Character α (Shortcut : alpha f[XEQ] ; Info : Fontcode : 03B116 ; press [*] for A at [A...Ω.1]F1) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_5.pdf
α	--	alpha button	Symbol			Trailing input	Menu [TamLocalLabel.1]F3	Special alpha button on [TamLocalLabel.1]F3 to enter a local label name for LBL, GT0 or XEQ (TAM : LBL, GT0 or XEQ : TamAlpha menu ; the label will be entered as <label> ; Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_TamLocalLabel_page_1.pdf
ᾰ	--	alpha tonos	Character			Characters	Menu [α...ω.2]gF1	Greek character ᾰ (Fontcode : 03AC16) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_alpha-omega-lower_page_2.pdf
[A...Ω]	A...Ω	ALPHA...OMEGA	MENU			Characters	Menu [ALPHA.1]F1 (Also) reached from MENU (item) [α]	Uppercase Greek characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/RN7/Menus/RN7v0_Menu_ALPHA__page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
A...Ω	A...Ω	ALPHA...OMEGA	Character			Characters	Menu [α...ω.n][†]	Uppercase Greek characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
[A...Ω]	A...Ω	ALPHA...OMEGA	MENU			Characters	Menu [CHARS.1]F2	Uppercase Greek characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CHARS_page_1.pdf
[A...Ω]	A...Ω	ALPHA...OMEGA	MENU			Characters	Menu [TamAlpha.1]F1	Uppercase Greek characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
[A...Ω]	A...Ω	ALPHA...OMEGA	MENU			Characters	Catalog CAT.MENU A...Ω	Uppercase Greek characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
[A...Ω]	A...Ω	ALPHA...OMEGA	MENU			Characters	Menu [CAT.1]F2	Uppercase Greek characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
[A...Ω]	A...Ω	ALPHA...OMEGA	MENU			Characters	Menu [α (ALPHA).1]F1	Uppercase Greek characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
[α...ω]	α...ω	alpha...omega	MENU			Characters	Menu [ALPHA.1]F1 + [4] (Also) reached from MENU (item) [α]	Lowercase Greek characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
α...ω	α...ω	alpha...omega	Character			Characters	Menu [A...Ω.n][4]	Lowercase Greek characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega_page_1.pdf
[α...ω]	α...ω	alpha...omega	MENU			Characters	Menu [CHARS.1]F2 + [4]	Lowercase Greek characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CHARS_page_1.pdf
[α...ω]	α...ω	alpha...omega	MENU			Characters	Menu [TamAlpha.1]F1 + [4]	Lowercase Greek characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
[α...ω]	α...ω	alpha...omega	MENU			Characters	Catalog CAT.MENU α...ω	Lowercase Greek characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
[α...ω]	α...ω	alpha...omega	MENU			Characters	Menu [CAT.1]F2 + [4]	Lowercase Greek characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
[α.FN]	α.FN	Alpha functions	MENU			Text functions	Menu [BLUE47.3]F3	Alpha (text string) functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_BLUE47_page_3.pdf
[α.FN]	α.FN	Alpha functions	MENU			Text functions	Keyboard g[3]	Alpha (text string) functions Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_7.pdf
[α.FN]	α.FN	Alpha functions	MENU			Text functions	Catalog CAT.MENU α.FN	Alpha (text string) functions Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
α→x	α→x	Alpha to X	Function (monadic)			Text functions	Menu [α.FN.1]F2	Convert first alpha character of text string in register or variable to character code (hexadecimal) and remove this character (TAM : α→x __ Tam menu ; Info : for empty text string, α→x returns 0 only) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
αCAP	--	Alpha capslock	Flag (system)	CLEAR	A ; a	Text input	Menu [SYS.FL.8]gF5 (Also) reached from MENU (item, nonpgm) CFL6	SET for alpha capslock ; CLEAR for alpha capslock inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_SYS-FL_page_6.pdf
αCAP	--	Alpha capslock	Flag (system)	CLEAR	A ; a	Text input	Menu [CFL6 (SYS.FL).8]gF5	SET for alpha capslock ; CLEAR for alpha capslock inactive Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CFL6_page_6.pdf
α_F	--	Fine-structure constant	Constant			Constants	Menu [CNST.4]F3	Constant # 56 or c.finestruc = +7.2873525643 × 10 ⁻³ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf
[αINTL]	αINTL	Alpha international	MENU			Characters	Menu [ALPHA.1]F4 (Also) reached from MENU (item) [α]	Uppercase international characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
αINTL	αINTL	Alpha international	Character			Characters	Menu [aintl.n][†]	Uppercase international characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_1.pdf
[αINTL]	αINTL	Alpha international	MENU			Characters	Menu [CHARS.1]F5	Uppercase international characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CHARS_page_1.pdf
[αINTL]	αINTL	Alpha international	MENU			Characters	Menu [TamAlpha.1]F4	Uppercase international characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
[αINTL]	αINTL	Alpha international	MENU			Characters	Catalog CAT.MENU αINTL	Uppercase international characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl_page_1.pdf
[αINTL]	αINTL	Alpha international	MENU			Characters	Menu [CAT.1]F5	Uppercase international characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
[αINTL]	αINTL	Alpha international	MENU			Characters	Menu [α (ALPHA).1]F4	Uppercase international characters (Info : Lowercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
[αintl]	αintl	alpha international	MENU			Characters	Menu [ALPHA.1]F4 + [4] (Also) reached from MENU (item) [α]	Lowercase international characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
αintl	αintl	alpha international	Character			Characters	Menu [αINTL.n][4]	Lowercase international characters (Info : Uppercase menu via [†] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaINTL_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
[aIntl]	aIntl	alpha international	MENU			Characters	Menu [CHARS.1]F5 + [4]	Lowercase international characters (Info : Uppercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CHARS_page_1.pdf
[aIntl]	aIntl	alpha international	MENU			Characters	Menu [TamAlpha.1]F4 + [4]	Lowercase international characters (Info : Uppercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
[aIntl]	aIntl	alpha international	MENU			Characters	Catalog CAT.MENUS aIntl	Lowercase international characters (Info : Uppercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaintl-lower_page_1.pdf
[aIntl]	aIntl	alpha international	MENU			Characters	Menu [CAT.1]F5 + [4]	Lowercase international characters (Info : Uppercase menu via [4] ; single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
aIP	aIP	Alpha Integer Part	Command			Text functions	Menu [a.FN.1]gF3	Append integer part of X to text string in register or variable (TAM : aIP __ Tam menu ; Info : if the register or variable does not contain a text string, aIP will first convert it to text string) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aLEFT	aLEFT	Alpha left	Command			Text functions	Menu [a.FN.1]gF5	Left X characters of text string in register or variable ; X is dropped (TAM : aLEFT __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aLENG	aLENG	Alpha length	Command			Text functions	Menu [a.FN.1]F4	Get length of text string in register or variable (TAM : aLENG __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aLOWER	aLOWER	Alpha lowercase	Function (monadic)			Text functions	Menu [a.FN.1]fF5	Lowercase of text string in register or variable (TAM : aLOWER __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
[aMath]	aMath	Alpha Math	MENU			Characters	Menu [ALPHA.1]F2 (Also) reached from MENU (item) [a]	Mathematical symbols (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
[aMath]	aMath	Alpha Math	MENU			Characters	Menu [CHARS.1]F3	Mathematical symbols (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CHARS_page_1.pdf
[aMath]	aMath	Alpha Math	MENU			Characters	Menu [TamAlpha.1]F2	Mathematical symbols (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
[aMath]	aMath	Alpha Math	MENU			Characters	Catalog CAT.MENUS aMath	Mathematical symbols (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_1.pdf
[aMath]	aMath	Alpha Math	MENU			Characters	Menu [CAT.1]F3	Mathematical symbols (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
[aMath]	aMath	Alpha Math	MENU			Characters	Menu [a (ALPHA).1]F2	Mathematical symbols (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
aMID	aMID	Alpha middle	Command			Text functions	Menu [a.FN.1]gF4	Get X characters of text string, starting at position Y ; X and Y are dropped (TAM : aMID __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
[aMisc]	aMisc	Alpha miscellaneous	MENU			Characters	Menu [ALPHA.1]F3 (Also) reached from MENU (item) [a]	Special characters (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ALPHA__page_1.pdf
[aMisc]	aMisc	Alpha miscellaneous	MENU			Characters	Menu [CHARS.1]F4	Special characters (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CHARS_page_1.pdf
[aMisc]	aMisc	Alpha miscellaneous	MENU			Characters	Menu [TamAlpha.1]F3	Special characters (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_TamAlpha_page_1.pdf
[aMisc]	aMisc	Alpha miscellaneous	MENU			Characters	Catalog CAT.MENUS aMisc	Special characters (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_1.pdf
[aMisc]	aMisc	Alpha miscellaneous	MENU			Characters	Menu [CAT.1]F4	Special characters (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CAT_ALPHA_page_1.pdf
[aMisc]	aMisc	Alpha miscellaneous	MENU			Characters	Menu [a (ALPHA).1]F3	Special characters (Info : Single character selection) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha_page_1.pdf
aPARSE	aPARSE	Alpha-parse	Command (strike)			Text functions	Menu [a.FN.1]fF6	Parse alpha input for numeric content (in development) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aPOS	aPOS	Alpha position	Command			Text functions	Menu [a.FN.1]F5	Get position (starting from 0) of substring, character or character code in X within text string in register or variable (TAM : aPOS __ Tam menu ; Info : for substring not found or empty text string, aPOS returns -1) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aREV	aREV	Alpha reverse	Function (monadic)			Text functions	Menu [a.FN.1]gF2	Reverse text string in register or variable (TAM : aREV __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aRIGHT	aRIGHT	Alpha right	Command			Text functions	Menu [a.FN.1]gF6	Right X characters of text string in register or variable ; X is dropped (TAM : aRIGHT __ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aRL	aRL	Alpha rotate left	Function (monadic)			Text functions	Menu [a.FN.1]fF3	Rotate text string in register or variable by X characters to the left (TAM : aRL __ Tam menu ; Info : for empty text string, aRL acts as NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aRR	aRR	Alpha rotate right	Function (monadic)			Text functions	Menu [a.FN.1]fF4	Rotate text string in register or variable by X characters to the right (TAM : aRR __ Tam menu ; Info : for empty text string, aRR acts as NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aSL	aSL	Alpha shift left	Function (monadic)			Text functions	Menu [a.FN.1]fF1	Shift text string in register or variable to the left, deleting X characters (TAM : aSL __ Tam menu ; Info : for empty text string, aSL acts as NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
aSR	aSR	Alpha shift right	Function (monadic)			Text functions	Menu [a.FN.1]fF2	Shift text string in register or variable to the right, deleting X characters (TAM : aSR __ Tam menu ; Info : for empty text string, aSR acts as NOP) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
α TRIM	α TRIM	Alpha trim	Function (monadic)			Text functions	Menu [α .FN.1] gF1	Trim character(s) in X from both sides of text string in register or variable ; X may contain a character or character code (TAM : α TRIM ___ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
α UPPER	α UPPER	Alpha UPPERcase	Function (monadic)			Text functions	Menu [α .FN.1] fF8	Uppercase of text string in register or variable (TAM : α UPPER ___ Tam menu) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-FN_page_1.pdf
β	--	BETA	Character			Characters	Menu [α ... ω .1] F2	Greek character β (Fontcode : 03B2 ₁₆ ; Info : press [4] for β at [α ... ω .1] F2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
β	--	beta	Character			Characters	Menu [α ... ω .1] F2	Greek character β (Fontcode : 03B2 ₁₆ ; Info : press [*] for β at [α ... ω .1] F2) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
$\beta(x,y)$	$\beta(x,y)$	Euler's Beta function	Function (dyadic)			Mathematics	Menu [X.FN.2] fF5	Euler's Beta function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
Γ	--	GAMMA	Character			Characters	Menu [α ... ω .1] F3	Greek character Γ (Fontcode : 0393 ₁₆ ; Info : press [4] for γ at [α ... ω .1] F3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
γ	--	gamma	Character			Characters	Menu [α ... ω .1] F3	Greek character γ (Fontcode : 0393 ₁₆ ; Info : press [*] for Γ at [α ... ω .1] F3) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
γ_p	--	Proton gyromagnetic ratio	Constant			Constants	Menu [CNST.4] F5	Constant $\approx 58 \gamma_p \text{ r.gyro.prot} = +2.8752218708 \times 10^8$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf
$\Gamma(x)$	$\Gamma(x)$	Gamma function	Function (monadic)			Mathematics	Menu [X.FN.2] F5	Gamma function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
$\Gamma(x)$	$\Gamma(x)$	Gamma function	Function (monadic)			Mathematics	Menu [FCNS.3] gF6	Gamma function Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_3.pdf
Γ_{xy}	Γ_{xy}	Upper incomplete Gamma function	Function (dyadic)			Mathematics	Menu [X.FN.2] F2	Upper incomplete Gamma function -- see https://en.wikipedia.org/wiki/Incomplete_gamma_function [https://en.wikipedia.org/wiki/Incomplete_gamma_function] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
γ_{xy}	γ_{xy}	Lower incomplete Gamma function	Function (dyadic)			Mathematics	Menu [X.FN.2] F1	Lower incomplete Gamma function -- see https://en.wikipedia.org/wiki/Incomplete_gamma_function [https://en.wikipedia.org/wiki/Incomplete_gamma_function] Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_2.pdf
γ_{EM}	--	Euler-Mascheroni constant	Constant			Constants	Menu [CNST.4] F4	Constant $\approx 58 \gamma_{EM} \text{ c.eul.mas} = +5.772156649015328686065120900824024 \times 10^{-1}$ Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf
Δ	--	DELTA	Character			Characters	Menu [α ... ω .1] F4	Greek character Δ (Shortcut : alpha g[RCL] ; Info : Fontcode : 0394 ₁₆ ; press [4] for δ at [α ... ω .1] F4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
Δ	--	DELTA	Character			Characters	Keyboard alpha g[RCL]	Character Δ (Shortcut : alpha g[RCL] ; Info : Fontcode : 0394 ₁₆ ; press [4] for δ at [α ... ω .1] F4) Ref : https://n7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_3.pdf
δ	--	delta	Character			Characters	Menu [α ... ω .1] F4	Greek character δ (Fontcode : 03B4 ₁₆ ; Info : press [*] for Δ at [α ... ω .1] F4) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
$\Delta \rightarrow Y$	$\Delta \rightarrow Y$	Delta to Star (Wye)	Function (triadic)			Electrical engineering	Menu [ELEC.2] fF4	Convert star connected impedances X, Y, Z to delta impedances X, Y, Z (TI : a ; b ; c :) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_ELEC_page_2.pdf
δ_d	δ_d	Delta value for derivatives	Variable (real)			Mathematics	Menu [f'.1] F5	Delta value for derivatives, used as the step size (Info : After a value has been entered, it is show as a subscript ; if no value is entered, or a variable ' δ_d ' has already been defined by the user, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as " δ ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-prime_page_1.pdf
δ_d	δ_d	Delta value for derivatives	Variable (real)			Mathematics	Menu [f'.1] F5	Delta value for derivatives, used as the step size (Info : After a value has been entered, it is show as a subscript ; if no value is entered, or a variable ' δ_d ' has already been defined by the user, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as " δ ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-double_page_1.pdf
δ_d	δ_d	Delta value for derivatives	Variable (real)			Mathematics	Menu [f' (MVAR).1] F6	Delta value for derivatives, used as the step size (Info : After a value has been entered, it is show as a subscript ; if no value is entered, or a variable ' δ_d ' has already been defined by the user, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as " δ ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-prime_ADV_page_1.pdf
δ_d	δ_d	Delta value for derivatives	Variable (real)			Mathematics	Menu [f' (MVAR).1] F6	Delta value for derivatives, used as the step size (Info : After a value has been entered, it is show as a subscript ; if no value is entered, or a variable ' δ_d ' has already been defined by the user, an automatic step size is determined by iteration in 16 steps, starting with 1/10 ; the step size will always be displayed as " δ ") Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_f-double_ADV_page_1.pdf
$\Delta\%$	$\Delta\%$	Delta percent	Function (dyadic)			Financial	Menu [FIN.1] F4	Delta percentage from Y to X, keeping Y on stack -- see Formula_DELTAPC.png : https://n7calc.com/doc/Images/Formula_DELTAPC.png (TI : $\Delta\%$:) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_FIN_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\Delta\%$	$\Delta\%$	Delta percent	Function (dyadic)			Financial	Menu [BLUE7.1] fF2	Delta percentage from Y to X, keeping Y on stack -- see Formula_DELTAPC.png : https://n7calc.com/doc/Images/Formula_DELTAPC.png (TI : $\Delta\%$:) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_BLUE7_page_1.pdf
$\Delta\%$	$\Delta\%$	Delta percent	Function (dyadic)			Financial	Keyboard g[RCL]	Delta percentage from Y to X, keeping Y on stack -- see Formula_DELTAPC.png : https://n7calc.com/doc/Images/Formula_DELTAPC.png (TI : $\Delta\%$:) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
$\Delta\%$	$\Delta\%$	Delta percent	Function (dyadic)			Financial	Menu [MyM.3] F2	Delta percentage from Y to X, keeping Y on stack -- see Formula_DELTAPC.png : https://n7calc.com/doc/Images/Formula_DELTAPC.png (TI : $\Delta\%$:) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_3.pdf
$\Delta\%$	$\Delta\%$	Delta percent	Function (dyadic)			Financial	Menu [MyM.7] F4	Delta percentage from Y to X, keeping Y on stack -- see Formula_DELTAPC.png : https://n7calc.com/doc/Images/Formula_DELTAPC.png (TI : $\Delta\%$:) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_7.pdf
$\Delta\%$	$\Delta\%$	Delta percent	Function (dyadic)			Financial	Keyboard longerpress [RCL]	Delta percentage from Y to X, keeping Y on stack -- see Formula_DELTAPC.png : https://n7calc.com/doc/Images/Formula_DELTAPC.png (TI : $\Delta\%$:) Ref : https://n7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
$\Delta\%\bar{x}_1$	$\Delta\%\bar{x}_1$	Delta percentage to mean	Function (monadic)			Financial	Menu [FIN.1] gF4	Delta percentage from $\bar{x}$ to x using statistics matrix (STATS) -- see Formula_DPCMEAN.png : https://n7calc.com/doc/Images/Formula_DPCMEAN.png (TI : $\Delta\%$:) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
δ_s	--	Silver ratio	Constant			Constants	Menu [CNST.v] F6	Constant $\# 81 \delta_s$ r.silver = +2.414213562373095040801688724209698 -- see https://arxiv.org/pdf/2309.05058.pdf (Info : $\delta_s = 1 + \sqrt{2}$) [https://arxiv.org/pdf/2309.05058.pdf] Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
$\Delta y/\Delta x$	--	Add differential curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw* (PLFUNC).v] F1	Switch on adding the graphical point-to-point differential of the main graph ; not programmable - in PEM, use flag PLdiff (Info : Δ Numerical slope is displayed ; switching ON [AREA] also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF [AREA] ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_DrawYX_page_4.pdf
$\Delta y/\Delta x$	--	Add differential curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).v] F1	Switch on adding the graphical point-to-point differential of the main graph ; not programmable - in PEM, use flag PLdiff (Info : Δ Numerical slope is displayed ; switching ON [AREA] also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF [AREA] ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Draw_page_4.pdf
$\Delta y/\Delta x$	--	Add differential curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.3] F1	Switch on adding the graphical point-to-point differential of the main graph ; not programmable - in PEM, use flag PLdiff (Info : Δ Numerical slope is displayed ; switching ON [AREA] also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF [AREA] ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PLSTAT_page_3.pdf
$\Delta y/\Delta x$	--	Add differential curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFNS (PLFUNC).v] F1	Switch on adding the graphical point-to-point differential of the main graph ; not programmable - in PEM, use flag PLdiff (Info : Δ Numerical slope is displayed ; switching ON [AREA] also switches ON $\Delta y/\Delta x$; switching OFF $\Delta y/\Delta x$ also switches OFF [AREA] ; cannot be combined with N.VECT, VECT) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_PLTFNS_page_4.pdf
$\Delta\nu_{cs}$	--	Hyperfine transition frequency of ^{133}Cs	Constant			Constants	Menu [CNST.v] fF1	Constant $\# 60 \Delta\nu_{cs}$ frq.hypf.cs = +9.19263177 $\times 10^9$ (Unit : Hz) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
ϵ	--	EPSILON	Character			Characters	Menu [A...Ω.1] F5	Greek character E (Fontcode : 0395 ₁₆ ; Info : press [4] for ϵ at [A...Ω.1] F5) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega_page_1.pdf
ϵ	--	epsilon	Character			Characters	Menu [A...Ω.1] F5	Greek character ϵ (Fontcode : 0395 ₁₆ ; Info : press [*] for ϵ at [A...Ω.1] F5) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_1.pdf
ϵ	ϵ	Scattering factor for a lognormal sample	Command			Summary statistics	Menu [STAT.1] gF3	Scattering factor for a lognormal sample -- see Formula_SCATTFACt.png : https://n7calc.com/doc/Images/Formula_SCATTFACt.png (TI : $\epsilon_x = ; \epsilon_y =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
$\hat{\epsilon}$	--	epsilon toms	Character			Characters	Menu [A...Ω.2] gF2	Greek character $\hat{\epsilon}$ (Fontcode : 03AD ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_2.pdf
ϵ_m	ϵ_m	Scattering factor of the geometric mean	Command			Summary statistics	Menu [STAT.1] gF5	Scattering factor of the geometric mean -- see Formula_SCATTFACtm.png : https://n7calc.com/doc/Images/Formula_SCATTFACtm.png (TI : $\epsilon_{mx} = ; \epsilon_{my} =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
ϵ_p	ϵ_p	Scattering factor for a lognormal population	Command			Summary statistics	Menu [STAT.1] gF4	Scattering factor for a lognormal population -- see Formula_SCATTFACtp.png : https://n7calc.com/doc/Images/Formula_SCATTFACtp.png (TI : $\epsilon_{px} = ; \epsilon_{py} =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
ϵ_0	--	Vacuum electric permittivity	Constant			Constants	Menu [CNST.v] fF2	Constant $\# 61 \epsilon_0$ eperm.vac = +8.8541878188 $\times 10^{-12}$ (Unit : As/Vm) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
Γ	--	DIGAMMA	Character			Characters	Menu [A...Ω.1] F6	Greek character F (Fontcode : 03D0 ₁₆ ; Info : press [4] for Γ at [A...Ω.1] F6) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega_page_1.pdf
Γ	--	digamma	Character			Characters	Menu [A...Ω.1] F6	Greek character Γ (Fontcode : 03D0 ₁₆ ; Info : press [*] for Γ at [A...Ω.1] F6) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
Z	--	ZETA	Character			Characters	Menu [A...Ω.1] fF1	Greek character Z (Fontcode : 039516 ; Info : press [4] for Z at [a...ω.1] fF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
ζ	--	zeta	Character			Characters	Menu [a...ω.1] fF1	Greek character ζ (Fontcode : 039516 ; Info : press [*] for Z at [A...Ω.1] fF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
ζ(x)	ζ(x)	Riemann's Zeta for real arguments	Function (monadic)			Mathematics	Menu [X.FN.1] fF1	Riemann's Zeta for real arguments -- see http://mathworld.wolfram.com/RiemannZetaFunction.html [http://mathworld.wolfram.com/RiemannZetaFunction.html] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_X-FN_page_1.pdf
ζ(x)	ζ(x)	Riemann's Zeta for real arguments	Function (monadic)			Mathematics	Menu [FCNS.v] F1	Riemann's Zeta for real arguments -- see http://mathworld.wolfram.com/RiemannZetaFunction.html [http://mathworld.wolfram.com/RiemannZetaFunction.html] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FCNS_EQN_page_4.pdf
Z(φ,m)	Z(φ,m)	Jacobi's Zeta	Function (dyadic)			Mathematics	Menu [Ellipt.1] fF6	Jacobi's Zeta (Parameter : φ = X ; m = Y ; Info : φ is amplitude angle (any angle mode)) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ellipt_page_1.pdf
H	--	ETA	Character			Characters	Menu [A...Ω.1] fF2	Greek character H (Fontcode : 039716 ; Info : press [4] for η at [a...ω.1] fF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
η	--	eta	Character			Characters	Menu [a...ω.1] fF2	Greek character η (Fontcode : 039716 ; Info : press [*] for H at [A...Ω.1] fF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
ή	--	eta tonos	Character			Characters	Menu [a...ω.2] gF3	Greek character ή (Fontcode : 03AE16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
Θ	--	THETA	Character			Characters	Menu [A...Ω.1] fF3	Greek character Θ (Fontcode : 039816 ; Info : press [4] for θ at [a...ω.1] fF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
θ	--	theta-script	Character			Characters	Menu [a...ω.1] fF3	Greek character θ (Fontcode : 03D116 ; Info : press [*] for Θ at [A...Ω.1] fF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
θ	--	theta-math	Character			Characters	Menu [oMath.v] gF6	Mathematical symbol θ (Fontcode : 039816) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_4.pdf
θ→m	θ→m	Angle to modulus	Function (monadic)			Mathematics	Menu [Ellipt.1] gF1	Ellipse eccentricity angle to modulus : m = SIN²(θ) (TI : modulus m=k² :) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Ellipt_page_1.pdf
I	--	IOTA	Character			Characters	Menu [A...Ω.1] fF4	Greek character I (Fontcode : 039916 ; Info : press [4] for ι at [a...ω.1] fF4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
ι	--	iota	Character			Characters	Menu [a...ω.1] fF4	Greek character ι (Fontcode : 039916 ; Info : press [*] for I at [A...Ω.1] fF4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
ί	--	iota tonos	Character			Characters	Menu [a...ω.2] gF4	Greek character ί (Fontcode : 03AF16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
ϊ	--	IOTA dialytika	Character			Characters	Menu [A...Ω.3] F1	Greek character ĭ (Fontcode : 03AA16 ; Info : press [4] for ĭ at [a...ω.3] F1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_3.pdf
ϊ	--	iota dialytika tonos	Character			Characters	Menu [a...ω.2] gF5	Greek character ĭ (Fontcode : 039B16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
ϊ	--	iota dialytika	Character			Characters	Menu [a...ω.3] F1	Greek character ĭ (Fontcode : 03CA16 ; Info : press [*] for ĭ at [A...Ω.3] F1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_3.pdf
√	--	x under root	Character			Characters	Menu [oMath.2] F5	Mathematical symbol √ (Fontcode : 037F16) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_2.pdf
K	--	KAPPA	Character			Characters	Menu [A...Ω.1] fF5	Greek character K (Fontcode : 039A16 ; Info : press [4] for κ at [a...ω.1] fF5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
κ	--	kappa	Character			Characters	Menu [a...ω.1] fF5	Greek character κ (Fontcode : 039A16 ; Info : press [*] for K at [A...Ω.1] fF5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
Λ	--	LAMDA	Character			Characters	Menu [A...Ω.1] fF6	Greek character Λ (Fontcode : 039B16 ; Info : press [4] for λ at [a...ω.1] fF6) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
λ	--	lamda	Character			Characters	Menu [a...ω.1] fF6	Greek character λ (Fontcode : 039B16 ; Info : press [*] for Λ at [A...Ω.1] fF6) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
λ _c	--	Compton wavelength of the electron	Constant			Constants	Menu [CNST.v] fF3	Constant ■ 62 λ _c wavin.elec = +2.42631023538 × 10 ⁻¹² (Unit : m) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf
λ _c n	--	Compton wavelength of the neutron	Constant			Constants	Menu [CNST.v] fF4	Constant ■ 63 λ _c wavin.neu = +1.31959090382 × 10 ⁻¹⁵ (Unit : m) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf
λ _c p	--	Compton wavelength of the proton	Constant			Constants	Menu [CNST.v] fF5	Constant ■ 64 λ _c wavin.prot = +1.32140895368 × 10 ⁻¹⁵ (Unit : m) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf
μ	--	mu	Character			Characters	Menu [oMath.v] F6	Mathematical symbol μ (Fontcode : 00B516) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_4.pdf
M	--	MU	Character			Characters	Menu [A...Ω.1] gF1	Greek character M (Fontcode : 039C16 ; Info : press [4] for μ at [a...ω.1] gF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_1.pdf
μ	--	mu	Character			Characters	Menu [a...ω.1] gF1	Greek character μ (Fontcode : 039C16 ; Info : press [*] for M at [A...Ω.1] gF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_1.pdf
μ _e	--	Electron magnetic moment	Constant			Constants	Menu [CNST.v] gF2	Constant ■ 67 μ _e mgmom.elec = -9.2847646917 × 10 ⁻²⁴ (Unit : J/T) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf
μ _B	--	Electron magnetic moment / Bohr's magneton	Constant			Constants	Menu [CNST.v] gF3	Constant ■ 68 μ _B /μ _B r.elec.bohr = -1.80115965218946 Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_4.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
μ_n	--	Neutron magnetic moment	Constant			Constants	Menu [CNST.v] gF5	Constant # 69 μ_n magmom.neu = $-3.8223653 \times 10^{-27}$ (Unit : J/T) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
μ_p	--	Proton magnetic moment	Constant			Constants	Menu [CNST.v] gF6	Constant # 70 μ_p mgmom.prot = $+1.9106679545 \times 10^{-26}$ (Unit : J/T) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
μ_u	--	Nuclear magneton	Constant			Constants	Menu [CNST.5] F1	Constant # 71 μ_u magn.nucl = $+5.0587837393 \times 10^{-27}$ (Unit : J/T) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_5.pdf
μ_μ	--	Muon magnetic moment	Constant			Constants	Menu [CNST.5] F2	Constant # 72 μ_μ mgmom.muon = $-4.4984483 \times 10^{-26}$ (Unit : J/T) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_5.pdf
μ_0	--	Vacuum magnetic permeability	Constant			Constants	Menu [CNST.v] fF6	Constant # 65 μ_0 mpermb.vac = $+1.25663706127 \times 10^{-6}$ (Unit : Vs/Am) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
μ_B	--	Bohr's magneton	Constant			Constants	Menu [CNST.v] gF1	Constant # 66 μ_B magn.both = $+9.274010065 \times 10^{-24}$ (Unit : J/T) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
μ_G	--	Gerver constant	Constant			Constants	Menu [CNST.v] gF4	Constant # 82 μ_G c.gerver = $+2.21953166897197$ -- see https://en.wikipedia.org/wiki/Moving_sofa_problem (Info : Moving sofa problem) [https://en.wikipedia.org/wiki/Moving_sofa_problem] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_4.pdf
N	--	NU	Character			Characters	Menu [A...Ω.1] gF2	Greek character N (Fontcode : 03D16 ; Info : press [4] for ν at [a...ω.1] gF2) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_1.pdf
ν	--	nu	Character			Characters	Menu [a...ω.1] gF2	Greek character ν (Fontcode : 03D16 ; Info : press [*] for N at [A...Ω.1] gF2) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_1.pdf
Ξ	--	XI	Character			Characters	Menu [A...Ω.1] gF3	Greek character Ξ (Fontcode : 03BE16 ; Info : press [4] for ξ at [a...ω.1] gF3) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_1.pdf
ξ	--	xi	Character			Characters	Menu [a...ω.1] gF3	Greek character ξ (Fontcode : 03BE16 ; Info : press [*] for Ξ at [A...Ω.1] gF3) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_1.pdf
ξ_B	--	Backbone exponent	Constant			Constants	Menu [CNST.5] F3	Constant # 80 ξ_B exp.bbne = $+3.5666836712895826373873810012663 \times 10^{-1}$ -- see https://en.wikipedia.org/wiki/Silver_ratio [https://en.wikipedia.org/wiki/Silver_ratio] Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_5.pdf
Ο	--	OMICRON	Character			Characters	Menu [A...Ω.1] gF4	Greek character Ο (Fontcode : 03BF16 ; Info : press [4] for ο at [a...ω.1] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_1.pdf
ο	--	omicron	Character			Characters	Menu [a...ω.1] gF4	Greek character ο (Fontcode : 03BF16 ; Info : press [*] for Ο at [A...Ω.1] gF4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_1.pdf
Ό	--	omicron tonos	Character			Characters	Menu [a...ω.3] F2	Greek character ό (Fontcode : 03CC16) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_3.pdf
π	--	pi	Command			Constants	Menu [MyM2.1] F3	Enter value of pi on the stack Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_MyMenu_page_2.pdf
π	--	pi	Command			Constants	Keyboard f [R4]	Enter value of pi on the stack Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
π	--	pi	Command			Constants	Keyboard longpress [R4]	Enter value of pi on the stack Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
Π	--	PI	Character			Characters	Menu [A...Ω.1] gF5	Greek character Π (Fontcode : 03AB16 ; Info : press [4] for π at [a...ω.1] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_1.pdf
π	--	pi	Character			Mathematics and characters	Menu [a...ω.1] gF5	Greek character π (Shortcut : alpha g [R4] ; Info : Fontcode : 03C016 ; press [*] for Π at [A...Ω.1] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_1.pdf
π	--	pi	Character			Mathematics and characters	Menu [oMath.3] gF5	Mathematical symbol π (Shortcut : alpha g [R4] ; Info : Fontcode : 03C016 ; press [*] for Π at [A...Ω.1] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_3.pdf
π	--	pi	Character			Mathematics and characters	Keyboard alpha g [R4]	Greek character π (Shortcut : alpha g [R4] ; Info : Fontcode : 03C016 ; press [*] for Π at [A...Ω.1] gF5) Ref : https://N7calc.com/doc/RN7/Keyboard/Rows/RN7v0_Keyboard_row_3.pdf
π	--	pi	Symbol			Mathematics and characters	Menu [NEW (EQ_EDIT).2] F4	Mathematical symbol π (Shortcut : alpha g [R4] ; Info : Fontcode : 03C016 ; press [*] for Π at [A...Ω.1] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NEW_page_2.pdf
π	--	pi	Symbol			Mathematics and characters	Menu [EDIT (EQ_EDIT).2] F4	Mathematical symbol π (Shortcut : alpha g [R4] ; Info : Fontcode : 03C016 ; press [*] for Π at [A...Ω.1] gF5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_EDIT_EQN_page_2.pdf
π	--	pi	Constant			Constants	Menu [CNST.5] F4	Constant # 84 π pi = $+3.141592653589793238462643383279503$ Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_5.pdf
$\Pi(n,m)$	$\Pi(n,m)$	Complete elliptic integral (2rd)	Function (dyadic)			Mathematics	Menu [Ellipt.1] F6	Complete elliptic integral of the 3rd kind (Parameter : n = X ; m = Y) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Ellipt_page_1.pdf
Ϻ	--	KOPPA	Character			Characters	Menu [A...Ω.1] gF6	Greek character Ϻ (Fontcode : 03D816 ; Info : press [4] for Ϻ at [a...ω.1] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_1.pdf
ϻ	--	koppa	Character			Characters	Menu [a...ω.1] gF6	Greek character ϻ (Fontcode : 03D816 ; Info : press [*] for Ϻ at [A...Ω.1] gF6) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_1.pdf
ρ	--	RHO	Character			Characters	Menu [A...Ω.2] F1	Greek character Ρ (Fontcode : 03A116 ; Info : press [4] for ρ at [a...ω.2] F1) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_2.pdf
ρ	--	rho	Character			Characters	Menu [a...ω.2] F1	Greek character ϱ (Fontcode : 03C116 ; Info : press [*] for Ρ at [A...Ω.2] F1) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_2.pdf
Σ	--	SIGMA	Character			Characters	Menu [A...Ω.2] F2	Greek character Σ (Info : Fontcode : 03A316 ; press [4] for σ at [a...ω.2] F2) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
σ	--	sigma	Character			Characters	Menu [a...a.2] F2	Greek character σ (Fontcode : 83C3 ₁₆ ; Info : press [⇧] for Σ at [A...Ω.2] F2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
σ	σ	Population standard deviation	Command			Summary statistics	Menu [STAT.1] F4	Population standard deviation -- see Formula_STDDEV.png : https://N7calc.com/doc/Images/Formula_STDDEV.png (TI : $\sigma_k = ; \sigma_v =$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_1.pdf
ς	--	final sigma	Character			Characters	Menu [a...a.2] F3	Greek character ς (Fontcode : 83C2 ₁₆ ; Info : press [⇧] for Σ at [A...Ω.2] F3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
Σ	--	SIGMA	Character			Characters	Menu [A...Ω.2] F3	Greek character Σ (Fontcode : 83A3 ₁₆ ; Info : press [⇧] for ς at [a...a.2] F3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega_page_2.pdf
Σ^-	Σ^-	Sigma-	Command			Summary statistics	Menu [FIN.1] fF1	Remove data from the statistics matrix (STATS) and put the values on the stack (TI : nnn data points ; Info : Σ^- pushes values onto the stack unless automatic stack lift is disabled, e.g. by Σ^+) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FIN_page_1.pdf
Σ^-	Σ^-	Sigma-	Command			Summary statistics	Menu [STAT.1] fF1	Remove data from the statistics matrix (STATS) and put the values on the stack (TI : nnn data points ; Info : Σ^- pushes values onto the stack unless automatic stack lift is disabled, e.g. by Σ^+) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_1.pdf
Σ^-	Σ^-	Sigma-	Command			Summary statistics	Menu [PLOT.1] fF1	Remove data from the statistics matrix (STATS) and put the values on the stack (TI : nnn data points ; Info : Σ^- pushes values onto the stack unless automatic stack lift is disabled, e.g. by Σ^+) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_1.pdf
Σ^-	Σ^-	Sigma-	Command			Summary statistics	Menu [PLOT.2] fF1	Remove data from the statistics matrix (STATS) and put the values on the stack (TI : nnn data points ; Info : Σ^- pushes values onto the stack unless automatic stack lift is disabled, e.g. by Σ^+) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
σ_k	σ_k	Generalised sigma function	Function (dyadic)			Mathematics	Menu [NumTh.1] F4	Generalised sigma function using either a FACTORS matrix or Long integer as input in X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NumTh_page_1.pdf
σ_w	σ_w	Weighted population standard deviation	Command			Summary statistics	Menu [STAT.1] fF4	Weighted population standard deviation -- see Formula_STDDEVPOP.png : https://N7calc.com/doc/Images/Formula_STDDEVPOP.png (TI : $\sigma_w =$) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_1.pdf
Σ^+	Σ^+	Sigma+	Command			Summary statistics	Menu [FIN.1] F1	Enter data into the statistics matrix (STATS) (TI : nnn data point(s) ; Info : if a nx2 matrix is in X, Σ^+ appends the data to the STATS matrix (creating it as necessary) ; Σ^+ disables automatic stack lift for the next entry) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_FIN_page_1.pdf
Σ^+	Σ^+	Sigma+	Command			Summary statistics	Menu [STAT.1] F1	Enter data into the statistics matrix (STATS) (TI : nnn data point(s) ; Info : if a nx2 matrix is in X, Σ^+ appends the data to the STATS matrix (creating it as necessary) ; Σ^+ disables automatic stack lift for the next entry) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_STAT_page_1.pdf
Σ^+	Σ^+	Sigma+	Command			Summary statistics	Menu [PLOT.1] F1	Enter data into the statistics matrix (STATS) (TI : nnn data point(s) ; Info : if a nx2 matrix is in X, Σ^+ appends the data to the STATS matrix (creating it as necessary) ; Σ^+ disables automatic stack lift for the next entry) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_1.pdf
Σ^+	Σ^+	Sigma+	Command			Summary statistics	Menu [PLOT.2] F1	Enter data into the statistics matrix (STATS) (TI : nnn data point(s) ; Info : if a nx2 matrix is in X, Σ^+ appends the data to the STATS matrix (creating it as necessary) ; Σ^+ disables automatic stack lift for the next entry) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
σ_0	σ_0	Divisor count function (k = 0)	Function (monadic)			Mathematics	Menu [NumTh.1] F2	Divisor count function (k = 0) using either a FACTORS matrix or Long integer as input in X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NumTh_page_1.pdf
σ_1	σ_1	Sigma function (k = 1)	Function (monadic)			Mathematics	Menu [NumTh.1] F3	Sigma function (k = 1) using either a FACTORS matrix or Long integer as input in X Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NumTh_page_1.pdf
σ_B	--	Stefan-Boltzmann constant	Constant			Constants	Menu [CNST.5] F5	Constant σ_B c.stephbol = 5.678374418184245387896731889231 $\times 10^{-8}$ (Unit : W/m ² K ⁴) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_5.pdf
ΣINT	ΣINT	Sum of interest	Command			Financial	Menu [AMORT.1] F3	Total interest paid across payments P1 through P2, inclusive (TI : Σ of interest to P2 =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AMORT_page_1.pdf
$\Sigma \ln^2 x$	$\Sigma \ln^2 x$	Summation of $\ln^2 x$	Command			Summation	Menu [PLOT.2] F3	Summation of $\ln^2 x$ using statistics matrix (STATS) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
$\Sigma \ln^2 y$	$\Sigma \ln^2 y$	Summation of $\ln^2 y$	Command			Summation	Menu [PLOT.2] F5	Summation of $\ln^2 y$ using statistics matrix (STATS) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
$\Sigma \ln x$	$\Sigma \ln x$	Summation of $\ln x$	Command			Summation	Menu [PLOT.2] F2	Summation of $\ln x$ using statistics matrix (STATS) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
$\Sigma \ln x \cdot \ln y$	$\Sigma \ln x \cdot \ln y$	Summation of $\ln x \cdot \ln y$	Command			Summation	Menu [PLOT.2] fF3	Summation of $\ln x \cdot \ln y$ using statistics matrix (STATS) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
$\Sigma \ln y$	$\Sigma \ln y$	Summation of $\ln y$	Command			Summation	Menu [PLOT.2] F4	Summation of $\ln y$ using statistics matrix (STATS) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PLOT_page_2.pdf
ΣPRN	ΣPRN	Sum of principal	Command			Financial	Menu [AMORT.1] F4	Total principal paid across payments P1 through P2, inclusive (TI : Σ of principal to P2 =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_AMORT_page_1.pdf
ΣV	--	ΣV	User Program			Test programs	Menu [PROGS.3] F4 (Also) reached from MENU (TAM, ASM) PROG	ΣV test program, available to load from PROGRAMS/ALLPGMS/SigmaV.p7, using READP (after unzipping resources/testPgmm.zip) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_PROGS_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
ΣV	--	ΣV	User Program			Test programs	Menu [PROG (PROGS).3] F4	ΣV test program, available to load from PROGRAMS/ALLPGMS/SigmaV.vh7, using READP (after unzipping resources/testPgms.zip) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PROG_page_3.pdf
Σx	Σx	Summation of x	Command			Summation	Menu [FIN.1] fF2	Summation of x using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
Σx	Σx	Summation of x	Command			Summation	Menu [PLOT.1] F2	Summation of x using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
$\Sigma x \cdot lny$	$\Sigma x \cdot lny$	Summation of x·lny	Command			Summation	Menu [PLOT.2] fF4	Summation of x·lny using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_2.pdf
Σx^2	Σx^2	Summation of x ²	Command			Summation	Menu [PLOT.1] F3	Summation of x ² using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
$\Sigma x^2 \cdot lny$	$\Sigma x^2 \cdot lny$	Summation of x ² ·lny	Command			Summation	Menu [PLOT.2] fF3	Summation of x ² ·lny using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_2.pdf
$\Sigma x^2 y$	$\Sigma x^2 y$	Summation of x ² y	Command			Summation	Menu [PLOT.2] F6	Summation of x ² y using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_2.pdf
$\Sigma x^2 y^{-1}$	$\Sigma x^2 y^{-1}$	Summation of x ² y ⁻¹	Command			Summation	Menu [PLOT.2] fF6	Summation of x ² y ⁻¹ using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_2.pdf
Σx^3	Σx^3	Summation of x ³	Command			Summation	Menu [PLOT.1] gF2	Summation of x ³ using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
Σx^4	Σx^4	Summation of x ⁴	Command			Summation	Menu [PLOT.1] gF3	Summation of x ⁴ using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
Σx^{-1}	Σx^{-1}	Summation of x ⁻¹	Command			Summation	Menu [PLOT.1] fF2	Summation of x ⁻¹ using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
$\Sigma x^{-1} \cdot lny$	$\Sigma x^{-1} \cdot lny$	Summation of x ⁻¹ ·lny	Command			Summation	Menu [PLOT.2] gF4	Summation of x ⁻¹ ·lny using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_2.pdf
Σx^{-2}	Σx^{-2}	Summation of x ⁻²	Command			Summation	Menu [PLOT.1] fF3	Summation of x ⁻² using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
Σxy	Σxy	Summation of xy	Command			Summation	Menu [PLOT.1] F6	Summation of xy using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
Σxy^{-1}	Σxy^{-1}	Summation of xy ⁻¹	Command			Summation	Menu [PLOT.1] fF6	Summation of xy ⁻¹ using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
Σy	Σy	Summation of y	Command			Summation	Menu [PLOT.1] F4	Summation of y using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
$\Sigma y \cdot lnx$	$\Sigma y \cdot lnx$	Summation of y·lnx	Command			Summation	Menu [PLOT.2] fF2	Summation of y·lnx using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_2.pdf
Σy^2	Σy^2	Summation of y ²	Command			Summation	Menu [PLOT.1] F5	Summation of y ² using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
Σy^{-1}	Σy^{-1}	Summation of y ⁻¹	Command			Summation	Menu [PLOT.1] fF4	Summation of y ⁻¹ using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
Σy^{-2}	Σy^{-2}	Summation of y ⁻²	Command			Summation	Menu [PLOT.1] fF5	Summation of y ⁻² using statistics matrix (STATS) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLOT_page_1.pdf
$\Sigma \bar{y} \Delta x$	--	Add integral curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw ^Y (PLFUNC).4] F2	Switch on adding the graphical integral curve, calculated from the point-to-point discrete integral ; not programmable - in PEM, use flag PLIntg (Info : Vertical placement of the integral is at RMS of the graph points ; $\int$ Trapezoid integral is displayed ; cannot be combined with N.VECT, VECT) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_DrawYX_page_4.pdf
$\Sigma \bar{y} \Delta x$	--	Add integral curve	Setting	OFF	<no annunciator>	Plotting	Menu [Draw (PLFUNC).4] F2	Switch on adding the graphical integral curve, calculated from the point-to-point discrete integral ; not programmable - in PEM, use flag PLIntg (Info : Vertical placement of the integral is at RMS of the graph points ; $\int$ Trapezoid integral is displayed ; cannot be combined with N.VECT, VECT) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Draw_page_4.pdf
$\Sigma \bar{y} \Delta x$	--	Add integral curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLSTAT.3] F2	Switch on adding the graphical integral curve, calculated from the point-to-point discrete integral ; not programmable - in PEM, use flag PLIntg (Info : Vertical placement of the integral is at RMS of the graph points ; $\int$ Trapezoid integral is displayed ; cannot be combined with N.VECT, VECT) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLSTAT_page_3.pdf
$\Sigma \bar{y} \Delta x$	--	Add integral curve	Setting	OFF	<no annunciator>	Plotting	Menu [PLTFENS (PLFUNC).4] F2	Switch on adding the graphical integral curve, calculated from the point-to-point discrete integral ; not programmable - in PEM, use flag PLIntg (Info : Vertical placement of the integral is at RMS of the graph points ; $\int$ Trapezoid integral is displayed ; cannot be combined with N.VECT, VECT) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_PLTFENS_page_4.pdf
σ_k^*	σ_k^*	Generalised proper sigma function	Function (dyadic)			Mathematics	Menu [NumTh.1] F6	Generalised proper sigma function using either a FACTORS matrix or Long integer as input in X Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NumTh_page_1.pdf
σ_1^+	σ_1^+	Proper sigma function	Function (monadic)			Mathematics	Menu [NumTh.1] F5	Proper sigma function using either a FACTORS matrix or Long integer as input in X Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_NumTh_page_1.pdf
τ	--	TAU	Character			Characters	Menu [A...Ω.2] F4	Greek character T (Fontcode : 03A916 ; Info : press [4] for τ at [A...Ω.2] F4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_2.pdf
τ	--	tau	Character			Characters	Menu [α...ω.2] F4	Greek character τ (Fontcode : 03C416 ; Info : press [4] for τ at [A...Ω.2] F4) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_2.pdf
τ	--	tau	Constant			Constants	Menu [CNST.5] F6	Constant τ 83 τ c.circle = +6.283185307179586476925286766599086 Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_5.pdf
Υ	--	UPSILON	Character			Characters	Menu [A...Ω.2] F5	Greek character Y (Fontcode : 03A516 ; Info : press [4] for u at [A...Ω.2] F5) Ref : https://N7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_2.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
υ	--	upsilon	Character			Characters	Menu [α...ω.2] F5	Greek character υ (Fontcode : 03C5 ₁₆ ; Info : press [τ] for Υ at [Α...Ω.2] F5) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
ύ	--	upsilon tonos	Character			Characters	Menu [α...ω.3] F3	Greek character ύ (Fontcode : 03C6 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_3.pdf
ϣ̣	--	UPSILON dialytika	Character			Characters	Menu [Α...Ω.3] F4	Greek character ϣ̣ (Fontcode : 03AB ₁₆ ; Info : press [κ] for ὐ at [Α...Ω.3] F4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_3.pdf
ϣ̣̇	--	upsilon dialytika tonos	Character			Characters	Menu [α...ω.3] F5	Greek character ϣ̣̇ (Fontcode : 03B8 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_3.pdf
ϣ̣̈́	--	upsilon dialytika	Character			Characters	Menu [α...ω.3] F4	Greek character ϣ̣̈́ (Fontcode : 03CB ₁₆ ; Info : press [τ] for ῥ at [Α...Ω.3] F4) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_3.pdf
φ	--	Golden ratio	Constant			Constants	Menu [CNST.5] fF1	Constant ■ 74 φ +.golden = +1.6180339887148599846204556834365538 (Info : φ = (1 + √5) / 2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_5.pdf
Φ	--	PHI	Character			Characters	Menu [Α...Ω.2] F6	Greek character Φ (Fontcode : 03A6 ₁₆ ; Info : press [κ] for φ at [Α...Ω.2] F6) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_2.pdf
φ	--	phi	Character			Characters	Menu [α...ω.2] F6	Greek character φ (Fontcode : 03C6 ₁₆ ; Info : press [τ] for φ at [Α...Ω.2] F6) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
φ	--	phi-math	Character			Characters	Menu [oMath.v] gF5	Mathematical symbol φ (Fontcode : 03D5 ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
[Φ:]	Φ:	Standard normal distribution	MENU			Probability (real)	Menu [DISTR.1] fF1	Standard normal probability distribution (continuous) (Info : mean = 0 ; standard deviation = 1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[Φ:]	Φ:	Standard normal distribution	MENU			Probability (real)	Catalog CAT.MENU Φ:	Standard normal probability distribution (continuous) (Info : mean = 0 ; standard deviation = 1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_StdNorml_page_1.pdf
Φ _p	Φ _p	Standard normal pdf	Function (monadic)			Probability (real)	Menu [Φ:.1] F1	Standard normal probability density function Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_StdNorml_page_1.pdf
Φ _Δ	Φ _Δ	Standard normal cdf (lower)	Function (monadic)			Probability (real)	Menu [Φ:.1] F3	Standard normal cumulative distribution (lower tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_StdNorml_page_1.pdf
Φ _Δ	Φ _Δ	Standard normal cdf (upper)	Function (monadic)			Probability (real)	Menu [Φ:.1] F4	Standard normal cumulative distribution (upper tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_StdNorml_page_1.pdf
Φ ₀	--	Magnetic flux quantum	Constant			Constants	Menu [CNST.5] fF2	Constant ■ 75 Φ ₀ fluxq.magn = +2.087833846182932308115412147487 × 10 ⁻¹⁵ (Unit : Vs) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_CNST_page_5.pdf
φ _E	φ _E	Euler's totient function	Function (monadic)			Mathematics	Menu [NumTh.1] fF2	Euler's totient function using either a FACTORS matrix or Long integer as input in X -- see https://en.wikipedia.org/wiki/Euler's_totient_function [https://en.wikipedia.org/wiki/Euler's_totient_function] Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_NumTh_page_1.pdf
Φ ⁻¹	Φ ⁻¹	Standard normal qf (inverse)	Function (monadic)			Probability (real)	Menu [Φ:.1] F6	Standard normal inverse cumulative distribution (quantile) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_StdNorml_page_1.pdf
Χ	--	CHI	Character			Characters	Menu [Α...Ω.2] fF1	Greek character Χ (Fontcode : 03A7 ₁₆ ; Info : press [κ] for χ at [Α...Ω.2] fF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_2.pdf
χ	--	chi	Character			Characters	Menu [α...ω.2] fF1	Greek character χ (Fontcode : 03C7 ₁₆ ; Info : press [τ] for Χ at [Α...Ω.2] fF1) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
[χ²:]	χ²:	Chi-squared distribution	MENU			Probability (real)	Menu [DISTR.1] F2	Chi-squared probability distribution (continuous) (TI : RegM = v =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_DISTR_page_1.pdf
[χ²:]	χ²:	Chi-squared distribution	MENU			Probability (real)	Catalog CAT.MENU χ²:	Chi-squared probability distribution (continuous) (TI : RegM = v =) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Chi2_page_1.pdf
χ² _p (x)	χ² _p (x)	Chi-squared pdf chi2	Function (monadic)			Probability (real)	Menu [χ²:.1] F1	Chi-squared probability density function Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Chi2_page_1.pdf
χ² _Δ (x)	χ² _Δ (x)	Chi-squared cdf (lower) chi2	Function (monadic)			Probability (real)	Menu [χ²:.1] F3	Chi-squared cumulative distribution (lower tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Chi2_page_1.pdf
χ² _Δ (x)	χ² _Δ (x)	Chi-squared cdf (upper) chi2	Function (monadic)			Probability (real)	Menu [χ²:.1] F4	Chi-squared cumulative distribution (upper tail) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Chi2_page_1.pdf
Ψ	--	PSI	Character			Characters	Menu [Α...Ω.2] fF2	Greek character Ψ (Fontcode : 03A8 ₁₆ ; Info : press [κ] for ψ at [Α...Ω.2] fF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_2.pdf
ψ	--	psi	Character			Characters	Menu [α...ω.2] fF2	Greek character ψ (Fontcode : 03C8 ₁₆ ; Info : press [τ] for Ψ at [Α...Ω.2] fF2) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
Ω	--	OMEGA	Character			Characters	Menu [Α...Ω.2] fF3	Greek character Ω (Fontcode : 03A9 ₁₆ ; Info : press [κ] for ω at [Α...Ω.2] fF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_Alpha-Omega_page_2.pdf
Ω	--	OMEGA	Character			Characters	Menu [oMath.v] gF1	Mathematical symbol Ω (Fontcode : 03A9 ₁₆ ; Info : press [κ] for ω at [Α...Ω.2] fF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_5.pdf
ω	--	omega	Character			Characters	Menu [α...ω.2] fF3	Greek character ω (Fontcode : 03C9 ₁₆ ; Info : press [τ] for Ω at [Α...Ω.2] fF3) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_2.pdf
ω	--	omega	Character			Characters	Keyboard alpha g [XEQ]	Character ω (Fontcode : 03C9 ₁₆ ; Info : press [τ] for Ω at [Α...Ω.2] fF3) Ref : https://N7calc.com/doc/R47/Keyboard/Rows/R47v0_Keyboard_row_5.pdf
ώ	--	omega tonos	Character			Characters	Menu [α...ω.3] F6	Greek character ώ (Fontcode : 03CE ₁₆) Ref : https://N7calc.com/doc/R47/Menu/R47v0_Menu_alpha-omega-lower_page_3.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\omega_{\oplus}$	--	Nominal mean angular velocity of the Earth	Constant			Constants	Menu [CNST.5] fF3	Constant $\omega_{\oplus}$ $\omega_{\oplus} \text{ vangi.earth} = +7.292115 \times 10^{-5}$ (Unit : rad/s) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CNST_page_5.pdf
$\wp$	--	SAMPi	Character			Characters	Menu [A...Ω.2] fF4	Greek character $\wp$ (Fontcode : 03E1 ₁₆ ; Info : press [4] for $\wp$ at [A...Ω.2] fF4) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_Alpha-Omega_page_2.pdf
$\wp$	--	sampi	Character			Characters	Menu [α...ω.2] fF4	Greek character $\wp$ (Fontcode : 03E1 ₁₆ ; Info : press [*] for $\wp$ at [A...Ω.2] fF4) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alpha-omega-lower_page_2.pdf
$\mathbb{T}$	--	Time	Character			Characters	Menu [αMisc.3] fF2	Special character $\mathbb{T}$ (Fontcode : 2138 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMisc_page_3.pdf
$\mathbb{T}?$	$\mathbb{T}?$	Time?	Command (logical)			Programming	Menu [TEST.2] F6	Test type of X is Time (3) (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Datatypes.pdf) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_TEST_page_2.pdf
$\mathbb{T} \rightarrow \mathbf{zyx}$	$\mathbb{T} \rightarrow \mathbf{zyx}$	Decompose time	Function (monadic)			Time functions	Menu [CLK.1] fF3 (Also) reached from MENU (item) DTSET	Decompose time to 24H hours in 2, minutes in Y, seconds in X Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_CLK_page_1.pdf
$\bar{x}$	--	x macron	Character			Characters	Menu [eMath.7] F4	Mathematical symbol $\bar{x}$ (Fontcode : 0378 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_7.pdf
$\bar{x}$	$\bar{x}$	Arithmetic means	Command			Summary statistics	Menu [STAT.1] F2	Arithmetic means, x and y -- see Formula_XBAR.png : https://n7calc.com/doc/Images/Formula_XBAR.png (T1 : $\bar{x} =$; $\bar{y} =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
$\bar{x}_w$	$\bar{x}_w$	Weighted mean	Command			Summary statistics	Menu [STAT.1] fF2	Data evaluation of weighted mean -- see Formula_XW.png : https://n7calc.com/doc/Images/Formula_XW.png (T1 : $\bar{x}_w =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
$\bar{x}_1$	$\bar{x}_1$	Arithmetic means, x only	Command			Financial	Menu [FIN.1] fF4	Arithmetic means, x only (T1 : $\bar{x} =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_FIN_page_1.pdf
$\bar{x}_G$	$\bar{x}_G$	Geometric mean	Command			Summary statistics	Menu [STAT.1] gF2	Data evaluation of geometric mean -- see Formula_XG.png : https://n7calc.com/doc/Images/Formula_XG.png (T1 : $\bar{x}_G =$; $\bar{y}_G =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
$\bar{x}_H$	$\bar{x}_H$	Harmonic mean	Command			Summary statistics	Menu [STAT.1] fF6	Data evaluation of harmonic mean -- see Formula_XH.png : https://n7calc.com/doc/Images/Formula_XH.png (T1 : $\bar{x}_H =$; $\bar{y}_H =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
$\bar{x}_{RMS}$	$\bar{x}_{RMS}$	Quadratic mean	Command			Summary statistics	Menu [STAT.1] F6	Data evaluation of quadratic mean -- see Formula_XRMS.png : https://n7calc.com/doc/Images/Formula_XRMS.png (T1 : $\bar{x}_{RMS} =$; $\bar{y}_{RMS} =$) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_STAT_page_1.pdf
$\hat{x}$	--	x circumflex	Character			Characters	Menu [eMath.7] fF4	Mathematical symbol $\hat{x}$ (Fontcode : 0379 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_7.pdf
$\hat{x}$	$\hat{x}$	x hat	Command			Plotting and curve fitting	Menu [REGR.1] F5	Estimation of x Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_REGR_page_1.pdf
$\bar{u}$	--	u macron	Character			Characters	Menu [eMath.7] F1	Mathematical symbol $\bar{u}$ (Fontcode : 0380 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_7.pdf
$\bar{v}$	--	v macron	Character			Characters	Menu [eMath.7] F2	Mathematical symbol $\bar{v}$ (Fontcode : 0381 ₁₆) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_alphaMATH_page_7.pdf
$[\vec{v} \leftrightarrow \vec{v}]$	$\vec{v} \leftrightarrow \vec{v}$	Vector conversions	MENU			Vector operations	Catalog CAT.MENU $\vec{v} \leftrightarrow \vec{v}$	Vector conversion functions (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Vector_display.pdf ; Info : Vectors are stored internally as rectangular and calculation results are presented in rectangular format ; to edit a vector, first put it in rectangular format ; vector T1's are shown for values in X only and a small font may be used ; vector T1's are minimised if the stack changes or [EXIT] is pressed (only ijk or r&k or p&φ is shown, without subscripts or brackets)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VectorConv_page_1.pdf
$[\vec{v} \leftrightarrow \vec{v}]$	$\vec{v} \leftrightarrow \vec{v}$	Vector conversions	MENU			Vector operations	Menu [VECTOR.1] F5	Vector conversion functions (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Vector_display.pdf ; Info : Vectors are stored internally as rectangular and calculation results are presented in rectangular format ; to edit a vector, first put it in rectangular format ; vector T1's are shown for values in X only and a small font may be used ; vector T1's are minimised if the stack changes or [EXIT] is pressed (only ijk or r&k or p&φ is shown, without subscripts or brackets)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_1.pdf
$[\vec{v} \leftrightarrow \vec{v}]$	$\vec{v} \leftrightarrow \vec{v}$	Vector conversions	MENU			Vector operations	Menu [VECTOR.2] F5	Vector conversion functions (Ref : https://n7calc.com/doc/RN7/Reference/RN7v0_Vector_display.pdf ; Info : Vectors are stored internally as rectangular and calculation results are presented in rectangular format ; to edit a vector, first put it in rectangular format ; vector T1's are shown for values in X only and a small font may be used ; vector T1's are minimised if the stack changes or [EXIT] is pressed (only ijk or r&k or p&φ is shown, without subscripts or brackets)) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_2.pdf
$\vec{v}_2 \rightarrow \mathbf{yx}$	$\vec{v}_2 \rightarrow \mathbf{yx}$	Decompose 1x2 vector	Function (monadic)		<no annunciator>	Vector operations	Menu [$\vec{v} \leftrightarrow \vec{v}$.1] F2	Decompose 1x2 vector to Y, X (Info : Display depends on flag 3Dxyz, for rectangular elements : [i] = ; [j] = ; polar elements : [r] = ; [θ _i] =) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VectorConv_page_1.pdf
$\vec{v}_2[01]$	$\vec{v}_2[01]$	Unit vector [0 1]	Command		<no annunciator>	Vector operations	Menu [VECTOR.2] gF8	Create a new 2D unit vector with elements [0 1] (Info : Display depends on flag 3Dxyz, for rectangular vector : [i]j [v ₁ v ₂]) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_2.pdf
$\vec{v}_2[10]$	$\vec{v}_2[10]$	Unit vector [1 0]	Command		<no annunciator>	Vector operations	Menu [VECTOR.2] gF5	Create a new 2D unit vector with elements [1 0] (Info : Display depends on flag 3Dxyz, for rectangular vector : [i]j [v ₁ v ₂]) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VECTOR_page_2.pdf
$\vec{v}_2 \rightarrow \mathbb{C}$	$\vec{v}_2 \rightarrow \mathbb{C}$	1x2 vector to Complex number	Function (monadic)		<no annunciator>	Vector operations	Menu [$\vec{v} \leftrightarrow \vec{v}$.1] gF2	Convert 1x2 vector to Complex number (2.0-2.5) Ref : https://n7calc.com/doc/RN7/Menu/RN7v0_Menu_VectorConv_page_1.pdf

Label	Catalog	FullName	Type	Default	Annunciator	Category	Index	Extended description
$\vec{v}_3 \rightarrow zyx$	$\vec{v}_3 \rightarrow zyx$	Decompose 1x3 vector	Function (monadic)		<no annunciator>	Vector operations	Menu [$\vec{v} \leftrightarrow \vec{v}.1$] F4	Decompose 1x3 vector to Z, Y, X, according to Physics or Math conventions (for spherical polar vectors) as set by flag 3DPHYS (default CLEAR) (Info : Display depends on flag 3Dxyz, for rectangular elements : [i]= ; [j]= ; [k]= ; spherical elements : [p]= ; [θ_1]= ; [ϕ_1]= ; cylindrical elements : [r]= ; [θ_1]= ; [k]= ; in Program Entry Mode, flag 3DPHYS determines whether $\vec{v}_3 \rightarrow zyx$ or $\vec{v}_3 \rightarrow zyx$ is stored) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VectorConv_page_1.pdf
$\vec{v}_3 \rightarrow zyx_M$	$\vec{v}_3 \rightarrow zyx_M$	Decompose 1x3 vector (M)	Function (monadic)		<no annunciator>	Vector operations	Catalog CAT.FCNS $\vec{v}_3 \rightarrow zyx_M$	Decompose 1x3 vector to Z, Y, X, according to Math conventions (for spherical polar vectors) (Info : Display depends on flag 3Dxyz, for rectangular elements : [i]= ; [j]= ; [k]= ; spherical elements : [p]= ; [θ_1]= ; [ϕ_1]= ; cylindrical elements : [r]= ; [θ_1]= ; [k]= ; in Program Entry Mode, $\vec{v}_3 \rightarrow zyx_M$ is stored when $\vec{v}_3 \rightarrow zyx$ is entered and flag 3DPHYS is CLEAR) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
$\vec{v}_3 \rightarrow zyx_P$	$\vec{v}_3 \rightarrow zyx_P$	Decompose 1x3 vector (P)	Function (monadic)		<no annunciator>	Vector operations	Catalog CAT.FCNS $\vec{v}_3 \rightarrow zyx_P$	Decompose 1x3 vector to Z, Y, X, according to Physics conventions (for spherical polar vectors) (Info : Display depends on flag 3Dxyz, for rectangular elements : [i]= ; [j]= ; [k]= ; spherical elements : [p]= ; [θ_1]= ; [ϕ_1]= ; cylindrical elements : [r]= ; [θ_1]= ; [k]= ; in Program Entry Mode, $\vec{v}_3 \rightarrow zyx_P$ is stored when $\vec{v}_3 \rightarrow zyx$ is entered and flag 3DPHYS is SET) Ref : https://n7calc.com/doc/R47/Catalog/R47v0_Function_catalog.pdf
$\vec{v}_3[001]$	$\vec{v}_3[001]$	Unit vector [0 0 1]	Command		<no annunciator>	Vector operations	Menu [VECTOR.1] gF6	Create a new 3D unit vector with elements [0 0 1] (Info : Display depends on flag 3Dxyz, for rectangular vector : [i]k [v1 v2 v3]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_1.pdf
$\vec{v}_3[010]$	$\vec{v}_3[010]$	Unit vector [0 1 0]	Command		<no annunciator>	Vector operations	Menu [VECTOR.1] gF5	Create a new 3D unit vector with elements [0 1 0] (Info : Display depends on flag 3Dxyz, for rectangular vector : [i]k [v1 v2 v3]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_1.pdf
$\vec{v}_3[100]$	$\vec{v}_3[100]$	Unit vector [1 0 0]	Command		<no annunciator>	Vector operations	Menu [VECTOR.1] gF4	Create a new 3D unit vector with elements [1 0 0] (Info : Display depends on flag 3Dxyz, for rectangular vector : [i]k [v1 v2 v3]) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VECTOR_page_1.pdf
$\vec{v}_4 \rightarrow tzyx$	$\vec{v}_4 \rightarrow tzyx$	Decompose 1x4 vector	Function (monadic)			Vector operations	Menu [$\vec{v} \leftrightarrow \vec{v}.1$] F6	Decompose 1x4 vector to T, Z, Y, X Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_VectorConv_page_1.pdf
$\vec{w}$	--	w macron	Character			Characters	Menu [oMath.7] F3	Mathematical symbol $\vec{w}$ (Fontcode : 8382 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_7.pdf
$\vec{z}$	--	z macron	Character			Characters	Menu [oMath.7] F6	Mathematical symbol $\vec{z}$ (Fontcode : 8383 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_7.pdf
$\vec{v}$	--	v circumflex	Character			Characters	Menu [oMath.7] fF2	Mathematical symbol $\hat{v}$ (Fontcode : 8388 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_7.pdf
$\vec{z}$	--	z circumflex	Character			Characters	Menu [oMath.7] fF6	Mathematical symbol $\hat{z}$ (Fontcode : 8380 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_7.pdf
$\vec{u}$	--	u circumflex	Character			Characters	Menu [oMath.7] fF1	Mathematical symbol $\hat{u}$ (Fontcode : 8342 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_7.pdf
ϵ	--	Subscript ϵ	Character			Characters	See description	Character ϵ (Fontcode : 2873 ₁₆)
*	--	Superscript *	Character			Characters	Menu [oMisc.3] gF1	Special character * (Fontcode : 288F ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
∞	--	Superscript infinity	Character			Characters	Menu [oMath.6] gF6	Mathematical symbol ∞ (Fontcode : 289E ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_6.pdf
∞	--	Subscript infinity	Character			Characters	Menu [oMath.6] fF6	Mathematical symbol ∞ (Fontcode : 289F ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMATH_page_6.pdf
	--	Battery	Character			Characters	Menu [oMisc.4] F2	Special character [Battery] (Fontcode : 292A ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
	--	Pgm begin	Character			Characters	See description	Character [Pgm begin] (Fontcode : 292B ₁₆)
	--	User mode	Character			Characters	Menu [oMisc.4] F1	Special character [User mode] (Fontcode : 292C ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
UK	--	UK	Character			Characters	Menu [oMisc.4] fF6	Special character [UK] (Fontcode : 292D ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
US	--	US	Character			Characters	Menu [oMisc.4] fF5	Special character [US] (Fontcode : 292E ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
	--	Negative exclamation mark	Character			Characters	Menu [oMisc.3] gF6	Special character $\text{[Negative exclamation mark]}$ (Fontcode : 292F ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_3.pdf
	--	USB symbol	Character			Characters	Menu [oMisc.4] fF2	Special character [USB symbol] (Fontcode : 2934 ₁₆) Ref : https://n7calc.com/doc/R47/Menu/R47v0_Menu_alphaMisc_page_4.pdf
	--	Battery half	Character			Characters	See description	Character [Battery half] (Fontcode : 2935 ₁₆)