

C47 Keyboard row 2

Key	Row	Column	Kind	Label	FullName	Extended description	Type	Catalog	Default
C47.21.11	2	1		$\Sigma+$	Sigma+	Enter data into the statistics matrix (STATS) (TI : nnn data point(s))	Command		$\Sigma+$
C47.21.12	2	1	f	$\rightarrow I$	To integer	Convert to long integer/short integer (cyclic, max 1000 digits) (Info : Shortint indicated by subscript ₁₀ ; can show TI: 0vrfl<0: or 0vrfl>64bits: which can be abbreviated as 0F, indicating overflow condition)	Function (cyclic ; monadic)		$\rightarrow I$
C47.21.13	2	1	g	a^b/c	Fraction mode	Set and cycle fraction mode : proper, improper fractions (denominator determined by setting DMX) ; or fractional approximations of irrationals ; exit mode via [.d] (g[LOG]) ; starts in mode last used or as set by flags PROPF and IRFRAC ; When FRCYC is SET full cycle is available, when CLEAR, flag PROPF is excluded (used as is) and OFF state is included in cycle (Hidden : double [.] ; Info : SBI depends on SBfrac ; /n or /max denotes maximum denominator (set by DMX) ; prefixes "<" and ">" may be shown as needed for rational fractions ; also see flag IRFRAC ; multiplication symbol according to flag MULT* ; Ref : Fractions)	Setting (cyclic ; stack)		OFF
C47.21.31	2	1	alpha	A	A	Character A (Code : 65)	Character		
C47.21.32	2	1	alpha f	a	a lowercase	Character a (Code : 97)	Character		
C47.21.33	2	1	alpha g	Σ	SIGMA	Character Σ (Hidden : alpha g [$\Sigma+$] ; Code : 931)	Character		
C47.22.11	2	2		$1/x$	Reciprocal	Reciprocal (1/x) (Info : When X is a matrix $1/x$ inverts it ($[M]^{-1}$))	Function (monadic)		$1/x$
C47.22.12	2	2	f	y^x	y to the power x	Raise value in the Y-register to the power in the X-register	Function (dyadic)		y^x
C47.22.13	2	2	g	#	Number base	Set number base ; operates on all stack registers depending on BASE _{HP} ; reset by [.d] (g[LOG]) (TAM : $\rightarrow INT$ __ TamNonReg menu ; #TAM shortcuts : B = BIN ; D = DEC ; ENTER = DEC ; H = HEX ; O = OCT ; Info : SBI depends on SBfrac)	Setting (pgm ; stack)		$\rightarrow INT$
C47.22.31	2	2	alpha	B	B	Character B (Code : 66)	Character		
C47.22.32	2	2	alpha f	b	b lowercase	Character b (Code : 98)	Character		
C47.22.33	2	2	alpha g	^	Circumflex accent	Character ^ (Hidden : alpha g [$1/x$] ; Code : 94)	Character		
C47.23.11	2	3		\sqrt{x}	Square root	Square root	Function (monadic)		\sqrt{x}
C47.23.12	2	3	f	x^2	Square	Square of X	Function (monadic)		x^2
C47.23.13	2	3	g	.ms	Minutes & seconds	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)	Function (cyclic ; monadic)		.ms
C47.23.31	2	3	alpha	C	C	Character C (Code : 67)	Character		
C47.23.32	2	3	alpha f	c	c lowercase	Character c (Code : 99)	Character		
C47.23.33	2	3	alpha g	$\sqrt{}$	Square root	Character $\sqrt{}$ (Hidden : alpha g [\sqrt{x}] ; Code : 8730)	Character		
C47.24.11	2	4		LOG	Common logarithm	Common logarithm (base 10)	Function (monadic)		LOG
C47.24.12	2	4	f	10^x	10 to the power x	Raise 10 to the power in the X-register	Function (monadic)		10^x
C47.24.13	2	4	g	.d	Decimal	Convert to decimal (real) value ; clear fraction mode, base mode ; convert degrees / hours / date to real ; convert NIM input to date (according to date format set and implied conversion set by YY) ; convert complex number with zero imaginary part to real number ; in Program Entry Mode $\rightarrow REAL$ is entered (TI (degrees ; hours ; date) : decimal°: ; decimal h: ; yyyy-mm-dd:)	Function (monadic)		
C47.24.31	2	4	alpha	D	D	Character D (Code : 68)	Character		
C47.24.32	2	4	alpha f	d	d lowercase	Character d (Code : 100)	Character		
C47.24.33	2	4	alpha g	LOG	Common logarithm (string)	Characters LOG (Hidden : alpha g [LOG] ("LOG"))	Character		
C47.25.11	2	5		LN	Natural logarithm	Natural logarithm (base \emptyset)	Function (monadic)		LN
C47.25.12	2	5	f	e^x	e to the power x	Raise e to the power in the X-register	Function (monadic)		e^x
C47.25.13	2	5	g	LBL	Label	Create local/global label (TAM : LBL __ TamLabel menu)	Command (PEM)		LBL
C47.25.31	2	5	alpha	E	E	Character E (Code : 69)	Character		
C47.25.32	2	5	alpha f	e	e lowercase	Character e (Code : 101)	Character		
C47.25.33	2	5	alpha g	LN	Natural logarithm (string)	Characters LN (Hidden : alpha g [LN] ("LN"))	Character		
C47.26.11	2	6		XEQ	Execute	Execute function or program (TAM : XEQ __ TamLabel menu)	Command		XEQ
C47.26.12	2	6	f	α	Alpha input	Alpha menu is used to enter, edit and clear alpha input (Hidden : long [XEQ] ; Info : AIM = Alpha Input Mode ; opens menu α in UPPERCASE)	MENU (item)		
C47.26.13	2	6	g	GTO	Go to	Go to (global) label ; GTO. to go to (local) label or step ; GTO.. to move the program pointer to the end of program memory ; GTO \uparrow to go to the start of the (previous) program ; GTO \downarrow to go to the end of the program (Hidden : longest[XEQ] ; TAM : GTO __ TamLabel menu)	Command		GTO
C47.26.31	2	6	alpha	F	F	Character F (Code : 70)	Character		
C47.26.32	2	6	alpha f	f	f lowercase	Character f (Code : 102)	Character		
C47.26.33	2	6	alpha g	α	alpha lowercase	Character α (Hidden : alpha g [XEQ] ; Code : 945)	Character		