

Key	Row	Column	Kind	Label	FullName	Description	Type	Catalog	Default
C47.21.11	2	1	Primary	$\Sigma+$	Sigma+	Enter data into the statistics matrix (STATS) (TI : nnn data points)	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: Overfl>nbits (n=1..64))	Function (cyclic ; nonpgm ; monadic)		
C47.21.13	2	1	g	a^b/c	Fraction (mode)	Set and cycle fraction mode (proper, improper fractions, tolerance determined by DMX) ; SBI • indicates that approximate multiples or fractions are used, of the irrational numbers $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$, ϕ , π and e (with tolerance 10^{-24}) ; reset by [.d] (gShifted [LOG]) (Hidden : Double [.]) ; Info : Prefix < or > (or \approx when • is lit) ; /n or /max denotes maximum denominator (set by DMX) ; SBI depends on SBfrac	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	Greek character Σ (Code : 931)	Character		
C47.22.11	2	2	Primary	$1/x$	Reciprocal	Reciprocal (1/x)	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] (gShifted [LOG]) (TAM : Indirection (\rightarrow) activates TamNonRegInd ; Shortcuts : H:16 (hex) ; ENTER or D:10 (shortint); O:8 (octal) ; B:2 (binary) ; 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	^	Exponent	Character ^ (Code : 94)	Character		
C47.23.11	2	3	Primary	\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	$\sqrt{\quad}$	Square root	Character $\sqrt{\quad}$ (Code : 8730)	Character		
C47.24.11	2	4	Primary	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 complex number with zero imaginary part to real number ; convert NIM input to date (according to date format set) (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	Characters LOG	Character		
C47.25.11	2	5	Primary	LN	Natural logarithm	Natural logarithm (base e)	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 __ TamLbl(Alpha) 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	Characters LN	Character		
C47.26.11	2	6	Primary	XEQ	Execute	Execute function or program (TAM : XEQ __ TamLbl(Alpha) menu)	Command	XEQ	
C47.26.12	2	6	f	α	Alpha input	Alpha menu is used to enter, edit and clear alpha input (Mode : AIM = Alpha Input Mode ; opens menu α in UPPERCASE)	MENU (item)		
C47.26.13	2	6	g	GTO	Go to	Go to local/global label or line (TAM : GTO __ TamLbl(Alpha) 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	Greek character α (Code : 945)	Character		