

<b>BLUE47</b>	Access blue functions MENU - cat : BLUE47	Access all C47 gShifted functions and a few fShifted, supporting layout DM42	Category: Keyboard
---------------	---	--	--------------------

page scrolling indicator :

Menu	BLUE47	1	2	3	4	5	6
3	gShifted	a <sup>b/c</sup>	#	.ms	.d	LBL	RTN
2	fShifted	∠	Δ%	$\sqrt[x]{y}$	i	→R	→P
1	primary	x	CPX	STK	TRG	EXP	↵
Page	1	F1	F2	F3	F4	F5	F6

Info Assigned to SETUP (fShifted 0) in layout DM42

BLUE47	Page 1	F-key	Button label	Full name	Extended description	Type	Flag name	Additional information	Catalog	Default	Status
		F1	x	Magnitude	Magnitude (absolute value) of complex number	Function			x		
		F2	CPX	Complex	Complex functions	MENU			CPX		
		F3	STK	Stack	Stack functions	MENU			STK		
		F4	TRG	Trigonometry	Trigonometry and hyperbolic functions	MENU (47)		Ref : DMS-HMS	TRG <sub>C47</sub>		
		F5	EXP	Exponential	Exponential functions	MENU			EXP		
		F6	↵	Undo	Restore complete stack and LASTx register	Function			UNDO		

fShifted F1	∠	Argument (angle)	Argument (angle) of complex number	Function				∠			
fShifted F2	Δ%	Delta percent	Delta percentage from Y to X, keeping Y on stack -- formula 10 (DELTAPC.png)	Function			TI : Δ% :	Δ%			
fShifted F3	$\sqrt[x]{y}$	xth root	Xth root of Y	Function				$\sqrt[x]{y}$			
fShifted F4	i	Imaginary number	Complex number i ; displayed according to flag CPXj (default: i)	Function		CPX <sub>j</sub>	Info : In NIM, works like CC ; RECT input assumed always	op_ i			
fShifted F5	→R	To rectangular	Transform polar to rectangular coordinates (stack conventions according to flag HP,RP)	Function			TI : x : Re = ; y : Im = (2 stack levels)	→RECT			
fShifted F6	→P	To polar	Transform rectangular to polar coordinates (stack conventions according to flag HP,RP)	Function			TI : r = ; θ = (2 stack levels)	→POLAR			

gShifted F1	a <sup>b/c</sup>	Fraction (mode)	Toggle fraction mode (proper, improper fractions, reset by [.d])	Setting (pgm)	<no flag>		SBI : a b/ ; b/ ; Ref : Fractions		OFF		
gShifted F2	#	Number (base)	Set number base (reset by [.d])	Function	<no flag>		SBI : #BASE ; #KEY <sub>A-F</sub> ; TAM : →INT __ TamNonReg menu ; Shortcuts H:16 ; D:10 ; O:8 ; B:2				
gShifted F3	.ms	Minutes & seconds	Convert sexagesimal format input sequence or decimal stack value to hh:mm:ss hours or dd°mm' ss" degrees (cyclic)	Function (cyclic)			Info : NIM input treated as sexagesimal (hh/dd.mmss) format ; stack input treated as decimal value	.ms			
gShifted F4	.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	Function			TI (degrees ; hours ; date) : decimal° ; decimal h ; yyyy-mm-dd :				
gShifted F5	LBL	Label	Create local/global label	Function (PEM)			TAM : LBL __ TamLbl(Alpha) menu	LBL			
gShifted F6	RTN	Return	Return from (sub)routine to calling routine	Function (PEM)				RTN			