WP34S on DM42

Menus & Catalogues Quick Ref Guide

Alpha Menu — in Alpha mode only

αTIME	αDATE	αDAY	αMNTH		
X-⅃α	α-⅃X	αIP	αLENG	--→	CPX

Alpha Catalogues — in Alpha mode only

Catalogue	Location
CPX	f CPX or f XEQ
./, ...	h .
R↑	h R↓
TEST	h 1
→	f → or f LN

Special key sequences

- **f SHOW** - Show←, shows full precision
- **f-hold-▲** - Last menu
- **f-hold-DISP** - Screenshot
- **f CPX-hold** - Lights all the screen dots (Default menu)
- **g RCL** - View
- **g R↓** - R↑, roll up
- **g ENTER** - FILL, fills the stack with the X value
- **g Σ+, g 1/x, g √, g LOG** - Primary functions of these keys, for use if labels A–D are defined (See also **f ASSIGN**)
- **..** - Used to enter fraction as in: 2..7 -> 2/7
- **→ CPX** - Complex Lock/Unlock Mode when CPXYES is enabled in MODE

New commands — in X.FCN catalogue

- **EASTER** - Easter date for a given year
- **FACTOR** - Smallest prime factor of a number
- **Ψ** - Digamma function

File commands — f SETUP/g SETUP menus

- **SvRAM** - Saves the RAM region to a named file (.dat)
- **LdRAM** - Loads a named file (.dat) into the main RAM
- **SvLib** - Saves the library region to a named file (.lib)
- **LdLib** - Loads a named file (.lib) into the library region
- **SvCPRG** - Saves the current program to a named file
- **LdPRG** - Loads a named file into the flash region (from where it can be copied to RAM with **PRCL**)

Shift Keys

	1 x Shift	2 x Shift	3 x Shift	4 x Shift
α	**f**-key	**g**-key	no Shift	
α	**f**-key	**g**-key	**h**-key	no Shift

Menus on f-shifted keys

f MODES — Angles menu

P→R	R→P	HYP	H.d	HYP⁻¹	
DEG	RAD	GRAD	H.MS	--→	CPX

f DISP — Display menu

a b/c	d/c	H.MS	H.d	./,	
ALL	FIX	SCI	ENG	--→	CPX

*Significant figures: Press **FIX** several times to select **FIX**, **SIG** or **SIG0***

f CLEAR — Clear menu

CLPAll	CLReg	CLα	CLAll		
CLProg	CLΣ	CLx	CLStk	--→	CPX

f ∫f(x) — Integrate menu

f'(x)	f"(x)				
SLV	∫ dx	SUM	PROD	--→	CPX

f STAT — Stats menu

S.D.	x-hat	L.R.	LogFit	ExpFit	PwrFit
x̄	y-hat	CORR	BestF	Linear	CPX

f BASE — Base menu

not	and	or	xor	RMDR	H.d
BIN	OCT	DEC	HEX	--→	CPX

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f FLAGS — Flags and tests menu

FS?	FC?	x≮?	x≤?	x≥?	x≥?
SF_	CF_	x=?	x≠?	--→	CPX

f PROB — Probability menu

LnΓ	φ	φ⁻¹	SEED		
Fact!	Cy,x	Py,x	RAN#	--→	CPX

f ASSIGN — Display/Toggle Default menu

				Light dots	
				--→	CPX

Σ+	1/X	√X	LOG	--→	CPX

f CUSTOM — User menu

Use g CUSTOM to create a User menu from a user program

f PRINT — Print menu

⊟Off	⊟DbSp	⊟Regs	⊟Σ	⊟α	⊟ADV
⊟On	⊟Mode	⊟Prog	⊟Stk	--→	CPX

f SETUP — Setup menu

System		SvRAM	LdRAM		
EXIT	HELP	OnSTO	OnRCL	--→	CPX

f-hold-▼ — Misc. menu

2ˣ	Log₂	Logₓ	‖e‖	Δ%	
IXI	RND	IPart	FPart	--→	CPX

Menus on g-shifted keys

g X<>Y — x<>y exchange menu

[$]		z$?	t$?		
Show←	Show→	x$?	y$?	--→	CPX

g CUSTOM — Create User menu

	UM4	UM5	UM6		
UMEN	UM1	UM2	UM3	--→	CPX

g SETUP — Setup 2 menu

		PSTO	PRCL		
SvLIB	LdLIB	SvCPRG	LdPRG	--→	CPX

g PRGM — Program functions menu

DSE	ISG	DEC	INC	BACK	SKIP
LBL	RTN	Pause	GTO	--→	CPX

Catalogues on f-shifted keys

Catalogue	Location
MATRIX	f MATRIX
CONV	f CONVERT
P.FCN	f PGM.FCN
CAT	f CATALOG

Catalogues on g-shifted keys

Catalogue	Location
MODE	g +/-
SUMS	g 9
STAT	g ÷
CONST	g 5
TEST	g 6
PROB	g ×
X.FCN	g 3
SHOW	g EXIT
STATUS	g +

→ — Conversion menu

→DEG	→RAD	→Grad	→HMS	HMS→	
→Bin	→Oct	→Dec	→Hex	--→	CPX