

#	Name	Description	Input	Output	Author	Source
1	-ALPHA ROM	Section Header	none	Shows Rev#	Ángel Martin	Alpha ROM
2	ALENG?	Alpha Length	Text in Alpha	Number of chrs in X	W.D. Wilder	BLDROM
3	ALENGX	Pad Alpha to length in X	Text in Alpha, N in X	Alpha padded w/ SP to N chrs	W.D. Wilder	BLDROM
4	ALENGXY	Pad Alpha to length in X with Char in Y	Text in Alpha, N in X, chr code in Y	Alpha padded w/ chr to N chrs	W.D. Wilder	BLDROM
5	ANUMDEL	ANUM plus deletion	Text in Alpha	Number in X, removed chrs	HP Co.	HP-IL Developmt
6	ANUMI	Number in Alpha to X as integer	Text in Alpha	Integer number in X	W.D. Wilder	BLDROM
7	ARCLCHR	ARCL Char from file	# chars in X, FileName in Alpha	Chars appended to Alpha	Hakan Thorngren	PPCJ V13 N7 p19
8	AREV	Reverse Alpha	Alpha String	Reversed Alpha String	Frans de Vries	DF V10 N8 p8
9	AROTX	Rotate x-Chars	number of chrs to rotate	rotated text in Alpha	HP Co.	HP-IL Developmt
10	ASCII	ASCII code	Text in Alpha	chr code in X	Unknown	Melbourne ROM
11	ASHFX	ASFH by X	Text in Alpha, N in X	Shifted text in Alpha	W.D. Wilder	BLDROM
12	ASTOXX	ASTO by X	Text in Alpha, N in X	Stores N chrs. In X	W.D. Wilder	BLDROM
13	ASUB	Alpha Substitute	Y: position; X:Char	Places char in position	Zengrange	ZENROM Manual
14	ASWAP	Swaps left/right comma	Comma-separated text [A,B]	Swapped text [B,A]	Ángel Martin	SandMath Module
15	AXEQ?	Alpha XEQ	Funct/Prgm name in Alpha	Executes it - Conditional Y/N	W.D. Wilder	BLDROM
16	CLA?	Is Alpha Clear?	None	Yes/No Conditional	W.D. Wilder	BLDROM
17	CLAC	CLA from Comma	None	Alpha deleted from Comma	W&W GmbH	CCD ROM
18	LADEL	Left Alpha Delete	None	Deletes left char in Alpha	Ross Cooling	PPCJ V12 N2 p16
19	LADELX	Multiple LADEL	Text in Alpha, N in X	Leftmost N-chrs deleted	Nelson F. Crowle	NFCROM
20	LATOX	Left Alpha to X	Text in Alpha	Leftmost chr code in X	W.D. Wilder	BLDROM
21	LEFT\$	Left String	String length in X	Leaves left chars in alpha	Ross Cooling	PPCJ N13 N2 p8
22	LOW\$	Lower Case Alpha	Alpha String	Lower Case Alpha String	Ángel Martin	SANDBOX Project
23	MID\$	Sub String	Beginning, length in X	Leaves substring in Alpha	Ross Cooling	PPCJ V12 N2 p29
24	PMTA	Prompt Alpha	none	prompted string in Alpha	W&W GmbH	CCD Module
25	POSAX	Position within Alpha	Text in Alpha, chr code in X	position in X (-1 if not)	HP Co.	HP-IL Developmt
26	POSTFX	Post Char by X	Text in Alpha, chr code in X	Substring right of chr	W.D. Wilder	BLDROM
27	POSTSP	Post Space Char	Text in Alpha	Substring right of Space	W.D. Wilder	BLDROM
28	PREFX	Pre Char by X	Text in Alpha, chr code in X	Substring Left of chr	W.D. Wilder	BLDROM
29	PRESP	Pre Space char	Text in Alpha	Substring left of Space	W.D. Wilder	BLDROM
30	RADEL	Right Alpha Delete	None	Deletes Right char in Alpha	Ross Cooling	PPCJ V12 N12 p10
31	RATOX	Right Alpha to X	None	Right Alpha Char value in X	Ross Cooling	PPCJ V12 N12 p10
32	REMZER	Remove Leading Zeroes	None	Zeroes removed	Ross Cooling	PPCJ V12 N12 p6
33	RIGHT\$	Right String	String length in X	Leaves right chars in alpha	Ross Cooling	PPCJ N13 N2 p8
34	TOGLC	Toggle Lower Case Mode	none	Toggles LC flag (CCD)	Paul Kaarup	??
35	UPR\$	Upper Case Alpha	Alpha String	Upper Case Alpha String	Mark Power	DF V8 N1 p10
36	XATOX	Xth. Char to X	Text in Alpha, position in X	chr code in X	HP Co.	HP-IL Developmt
37	XTOAI	X to positive integer Alpha	number in X	Integer part appended to Alpha	HP Co.	HP-IL Developmt
38	XTOAL	X to Alpha Left	Char value in X	Appends char to alpha on left	Hakan Thorngren	PPCJ V13 N7 p9
39	XTOAR	X to Right Alpha	chr code in X	Appends chr to Alpha text	W.D. Wilder	BLDROM

40	YTOAX	Substitute Character	X: position; Y:Char	Places char in position	HP Co.	HP-IL Developmt
41	-DISPLAY	Section Header	none	none	Ángel Martin	Alpha ROM
42	aVIEW	Lower Case Awiew	Alpha String (<13 Chrs)	Shows ALPHA in Lower Case	Ángel Martin	SANDBOX Project
43	CHRSET	Character Set Demo	None	Shows all characters	Chris L. Dennis	PPCJ V18 N8 p14
44	DCNT	Set Contrast	Value (1 to 15) in X	Contrast setting changed	Michael Katz	HPX V1 N6 p8
45	DCNT?	Current Contrast	None	Current contrast setting	Michael Katz	HPX V1 N6 p8
46	DCNT+	Increase Contrast	None	Contrast increased by One	Michael Katz	HPX V1 N6 p8
47	DCNT-	Decrease Contrast	None	Contrast decreased by One	Michael Katz	HPX V1 N6 p8
48	DISPLAY	Text in program line to Display	text in program step	shows text in display	W.D. Wilder	BLDROM
49	DSP?	Display Setting	none	number of displayed digits	Ángel Martin	Alpha ROM
50	DTEST	Display Test	None	all segments on	Chris L. Dennis	PPCJ V18 N8 p14
51	DTOA	Display to Alpha	text in Display	Writes text in Alpha	Ángel Martin	Unit Conv Project
52	VIEWA	View Alpha	Alpha string	Shows Alpha, not stopping	Ken Emery	MCODE For Beginners
53	ZVIEW	Complex AVIEW	Re(Z) in X, Im(Z) in Y	"Re(Z) +- J Im(Z)" in Alpha	Ángel Martin	41Z Module
54	-ALPHA RG	Section Header	NNN in X	Does X>\$	VM Electronics	HEPAX Manual
55	A<>RG	Exchange Alpha & Registers	register block (prompting)	swaps Alpha and registers	Ángel Martin	SandMath Module
56	A<>ST	Exchange Alpha & Stack	none	swaps Alpha & Stack	Ángel Martin	SandMath Module
57	A>RG	Alpha to Memory	4-Register block start in X	Stores Alpha into 4 Registers	Ken Emery	PPCJ V11 N7 p26
58	A>ST	Alpha to Stack	Alpha String	NNN's in Stack	Ángel Martin	SANDBOX Project
59	AINT	Alpha Integer Part	Number in X	Appends Integer part	Frits Ferwerda	-ML ROM
60	ARCIP	Alpha Recall Integer Part	register number (prompting)	Appends integer part	Ángel Martin	SandMath Module
61	M<>N	Register exchange	Text in Alpha	swaps M and N	Ángel Martin	Alpha ROM
62	M<>O	Register exchange	Text in Alpha	swaps M and O	Ángel Martin	Alpha ROM
63	RG>A	Memory to Alpha	4-Register block start in X	Recalls 4 registers to Alpha	Ken Emery	PPCJ V11 N7 p26
64	ST>A	Stack to Alpha	NNN's in Stack	Alpha String	Ángel Martin	SANDBOX Project