

HP-41C PPC ROM Routine Usage by Valentin Albillo
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01 LBL "VAL" ;Convert Alpha to Numeric in X Register
02 CF 00 ;Insert CF 10 here if Flag 10 not clear
03 CLST
04 SF 25
05 LBL A
06 XEQ "C^D" ;Last Byte of Alpha -> Decimal (Line 52)
07 ABS ;Change line 6 to XROM 10,35 (XROM "CD")
08 RDN ;and remove lines 51-79 to use PPC ROM.
09 XEQ IND L
10 FS? 25
11 GTO A
12 FS?C 00
13 *
14 RTN
15 LBL 48
16 LBL 49
17 LBL 50
18 LBL 51
19 LBL 52
20 LBL 53
21 LBL 54
22 LBL 55
23 LBL 56
24 LBL 57
25 48
26 ST- L
27 X<> L
28 R^
29 10^X
30 ST* Y
31 ST/ X
32 ST+ L
33 X<> L
34 RDN
35 +
36 RTN
37 LBL 45
38 CHS
39 RTN
40 LBL 46
41 RCL Z
42 ST- T
43 10^X
44 /
45 RTN
46 LBL 69
47 10^X
48 ENTER
49 CLX
50 SF 00
51 RTN
52 LBL "C^D" ;Last Byte of Alpha -> Decimal
53 >"\00\07\2A\2A\2A\2A" ;Append 0007 hex, 4 asterisks
54 RCL M
55 FS? 10
56 >"*" ;Append 1 asterisk
57 STO M
58 CLX
59 X<> O
60 SIGN
61 CLX
62 X<> N
63 >"****" ;Append 3 asterisks
64 X<> M
65 X<> L
66 X<> N
67 INT
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68 ST+ O
69 RDN
70 6
71 ST* O
72 RDN
73 E1
74 ST* L
75 X<> L
76 ST+ O
77 CLX
78 X<> O
79 RTN
80 END

009DC000F40056414CA90073A819CF661EF3435E446175AEF4
AC19D00066AA004285CF30CF31CF32CF33CF34CF35CF36CF37
CF38CF3914189374CE747457947295739274CE74754085CF2D
5485CF2E90719370574385CF45578377A80085C000F400435E
44F77F00072A2A2A2A9075AC0AF27F2A917577CE777A77CE76
F47F2A2A2ACE75CE74CE7668927775169477751B119474CE74
927777CE7785C0000D68

157 BYTES

HP-41C Alpha to Numeric Value by Valentin Albillo PPC V8 N4 P15 June 1981

Program Registers Needed: 23

Row 1 (1 - 5)



Row 2 (5 - 11)



Row 3 (11 - 18)



Row 4 (18 - 24)



Row 5 (25 - 32)



Row 6 (32 - 41)



Row 7 (41 - 50)



Row 8 (51 - 53)



Row 9 (53 - 58)



Row 10 (59 - 64)



Row 11 (65 - 73)



Row 12 (73 - 80)



Row 13 (80)

