

HP-41C Printing Microcodes by Tom Cadwallader
PPC Calculator Journal Vol 8 N4 P25 June 1981

```
01 LBL "SC"      ;Store Microcode
02 LBL a
03 CLRGR
04 .127
05 LBL A          ;Restart Loader
06 CF 21
07 CF 23
08 CF 29
09 FIX 0
10 LBL 01
11 SF 07
12 XEQ 07
13 ASTO Y
14 XEQ 07
15 ASTO Z
16 " "           ;1 space
17 ARCL Y
18 ARCL Z
19 ASTO IND X
20 ISG X
21 GTO 01
22 SF 29
23 FIX 2
24 LBL e          ;Edit or View Page
25 .127
26 LBL E          ;Restart Edit Process
27 VIEW IND X
28 STOP
29 ISG X
30 GTO E
31 STOP
32 LBL "PC"      ;Print Code
33 LBL C
34 SF 05
35 SF 12
36 SF 21
37 XEQ 05
38 "ROM/PAGE?"
39 AON
40 STOP
41 AOFF
42 ASTO L
43 "-----"
44 XROM 29,01 ;ACA
45 ADV
46 ADV
47 48.057
48 XEQ 02
49 65.07
50 XEQ 02
51 "-----"
52 XROM 29,01 ;ACA
53 ADV
54 XEQ 05
55 " 0 1 2 3"
56 XROM 29,08 ;PRA
57 .
58 XEQ 03
59 " 4 5 6 7"
60 XROM 29,08 ;PRA
61 2
62 XEQ 03
63 " 8 9 A B"
64 XROM 29,08 ;PRA
65 4
66 XEQ 03
67 " C D E F"
```

```

68 XROM 29,08 ;PRA
69 SF 05
70 6
71 XEQ 03
72 CLA
73 CLST
74 CF 12
75 ADV
76 ADV
77 ADV
78 ADV
79 RTN
80 LBL 02
81 CLA
82 ARCL L
83 XROM 29,01 ;ACA
84 XROM 29,02 ;ACCHR
85 ":" ;1 colon
86 XROM 29,01 ;ACA
87 ADV
88 ISG X
89 GTO 02
90 RTN
91 LBL 03
92 .12707
93 +
94 LBL 04
95 CLA
96 ARCL IND X
97 1
98 +
99 ARCL IND X
100 XROM 29,08 ;PRA
101 ISG X
102 GTO 04
103 XEQ 06
104 LBL 05
105 ADV
106 ADV
107 XEQ 06
108 ADV
109 ADV
110 FS?C 05
111 RTN
112 LBL 06
113 "-----"
114 ASTO L
115 ARCL L
116 XROM 29,08 ;PRA
117 RTN
118 LBL 07
119 "BYTE "
120 INT
121 ST+ X
122 X<> L
123 1
124 FC?C 07
125 ST+ L
126 RDN
127 ARCL L
128 ">" "?" ;Append 1 space, question mark
129 AVIEW
130 AON
131 TONE 9
132 LBL 08
133 PSE
134 FC?C 23
135 GTO 08
136 ">" " ;Append 1 space
137 AOFF

```

138 END

```
014FC000F3005343CF7B8A1A111217CF66A915A917A91D9C00
02A807E000079A72E000079A71F1209B729B719AF39673B200
A81D9C02CF7F1A111217CF6A98F3849673D0006A84C000F300
5043CF68A805A80CA815E00005F9524F4D2F504147453F8C84
8B9A74F42D2D2D2DA7418F8F14181A101517E0000216151A10
17E00002F42D2D2D2DA7418FE00005FC202030202031202032
202033A7481AE00003FC202034202035202036202037A74812
E00003FC202038202039202041202042A74814E00003FC2020
43202044202045202046A748A80516E000038773A90C8F8F8F
8F8503879B74A741A742F13AA7418F9673B30085041A111217
10174005879BF311409BF3A7489673B500E00006068F8FE000
068F8FAA058507F62D2D2D2D2D9A749B74A7488508F54259
544520689273CE7411AB079274759B74F37F203F7E8C9F0909
89AB17B900F27F208BC0000D94
```

335 BYTES

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Program Registers Needed: 48

Row 1 (1 - 4)



Row 2 (5 - 11)



Row 3 (12 - 17)



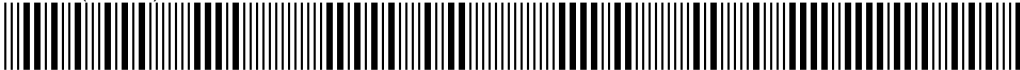
Row 4 (17 - 23)



Row 5 (24 - 29)



Row 6 (30 - 34)



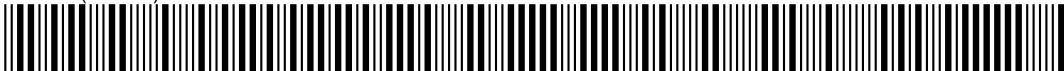
Row 7 (34 - 38)



Row 8 (38 - 43)



Row 9 (43 - 48)



Row 10 (48 - 51)



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Row 11 (51 - 55)



Row 12 (55 - 58)



Row 13 (58 - 59)



Row 14 (59 - 63)



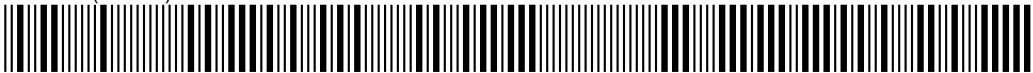
Row 15 (63 - 66)



Row 16 (67)



Row 17 (68 - 75)



Row 18 (76 - 85)



Row 19 (85 - 92)



Row 20 (92 - 100)



Row 21 (100 - 107)



Row 22 (107 - 113)



Row 23 (113 - 119)



Row 24 (119 - 126)



Row 25 (127 - 134)



Row 26 (134 - 138)

