

HP-41C Monitor ROM Bit Level Control by Rolf Mach  
PPC Calculator Journal V9 No 7 Pg 18 Oct-Nov 1982  
Requires: HP-IL Development Module HP 00041-15043  
Includes modifications from NOP PPC V10 No 1 Pg 3

```
01 LBL "VIEWDIR" ;View First Directory Record
02 0
03 ENTER
04 2
05 LBL 16
06 XEQ 15
07 LBL "AVIEWBF" ;Alpha View I/O Buffer
08 LBL 01
09 CLA
10 12
11 XROM 22,09 ;BUF-AX
12 AVIEW
13 XROM 22,37 ;PT?
14 +
15 XROM 22,36 ;PT=
16 256
17 X>Y?
18 GTO 01
19 RTN
20 LBL "VIEWREC" ;Alpha View a Record
21 "TRACK NO. ?"
22 PROMPT
23 "RECORD NO. ?"
24 PROMPT
25 GTO 16
26 LBL 15
27 LBL "GETREC" ;Get Record from HP-82161A Cassette
28 SF 09 ;Lines from
29 FS? 33 ;NOP added
30 CF 09 ;V10 N1 P3
31 XROM 22,50 ;SF33
32 XROM 22,05 ;AAU
33 256
34 XROM 22,08 ;BSIZE, Was SETBUF, changed per NOP
35 RDN
36 X<>Y
37 XROM 22,59 ;X-BUF
38 RDN
39 1
40 XROM 22,36 ;PT=
41 RDN
42 XROM 22,59 ;X-BUF
43 0
44 XROM 22,36 ;PT=
45 2
46 XROM 22,26 ;LAD
47 4
48 XROM 22,15 ;DDL
49 2
50 XROM 22,35 ;OUTBUF
51 2
52 XROM 22,53 ;TAD
53 XROM 22,16 ;DDT
54 XROM 22,47 ;SDA - suggested to delete this line in NOP
55 256
56 XROM 22,29 ;MONITOR - suggested to delete this line in NOP
57 XROM 22,25 ;INBUF
58 XROM 22,56 ;UNT
59 XROM 22,13 ;CF33
60 FS?C 09 ;Line added from PPC V10 N1 P3 NOP
61 RTN
62 LBL "NEWM?" ;Number of directory entries on current tape
63 0
64 ENTER
65 XEQ 15
```

```
66 19
67 XROM 22,36      ;PT=
68 1
69 XROM 22,12      ;BUF-XB
70 8
71 *
72 1
73 -
74 "MAX. "
75 ARCL X
76 PROMPT
77 END
```

```
00C6C000F80056494557444952108312CF10E0000FC000F800
4156494557424602871112A5897EA5A540A5A412151645B200
85C000F80056494557524543FB545241434B204E4F2E203F8E
FC5245434F5244204E4F2E203F8ED00010CF0FC000F7004745
54524543A809AC21A909A5B2A585121516A5887571A5BB7511
A5A475A5BB10A5A412A59A14A58F12A5A312A5B5A590A5AF12
1516A59DA599A5B8A58DAA0985C000F6004E45574D3F1083E0
000F1119A5A411A58C18421141F54D41582E209B738EC0000D
ED
```

198 BYTES

# HP-41C HP-IL Monitor ROM by Rolf Mach PPC V9 N7 P18 Oct-Nov 1982

Program Registers Needed: 29

Row 1 (1 - 3)



Row 2 (4 - 7)



Row 3 (7 - 13)



Row 4 (14 - 20)



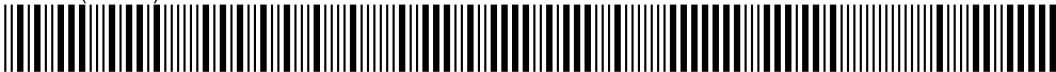
Row 5 (20 - 21)



Row 6 (21 - 23)



Row 7 (23 - 26)



Row 8 (26 - 28)



Row 9 (29 - 34)



Row 10 (35 - 44)



Row 11 (44 - 52)



Row 12 (53 - 58)



Row 13 (59 - 62)



Row 14 (62 - 69)



Row 15 (70 - 76)



Row 16 ( 77 )

