

HP-41C EF/M End Finder Routine by Paul Cardinale  
PPC Calculator Journal Vol 9 No 3 Pg 25 Apr 1982  
Program uses an Extended Functions/Memory Module

```
01 LBL "E??" ;Find Address of Permanent .END.
02 RCL c
03 STO M
04 CLX
05 -1
06 XROM 25,06 ;AROT - Alpha Rotate from EF/M
07 CLX
08 XROM 25,07 ;ATOX - Alpha to X Register
09 16
10 MOD
11 256
12 *
13 XROM 25,07 ;ATOX - Alpha to X Register
14 +
15 END
```

0020C000F400453F3F907D9175771C11A64677A64711164B12  
151642A64740C0000D89

32 BYTES

HP-41C EF/M Alpha Append Digit by Paul Cardinale  
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Program uses an Extended Functions/Memory Module

```
01 LBL "APD" ;Convert Digit to Character, then
02 9 ;append it to the Alpha Register
03 -
04 X>0?
05 ISG X
06 "" ;F0=null string (NOP)
07 39
08 + ;8 leading mantissa bits have ASCII code
09 10^X ;Put the ASCII code in the exponent
10 STO O ;O Register has digit as last character
11 CLX
12 XROM 25,07 ;ATOX - Alpha to X Register (EF/M)
13 XROM 25,06 ;AROT - Alpha Rotate (from EF/M)
14 RDN
15 RTN
16 END
```

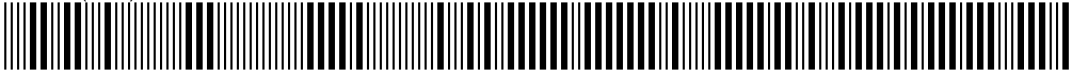
001DC000F4004150441941649673F013194057917777A647A6  
467585C0000D3F

29 BYTES

# HP-41C EF/M End Finder by Paul Cardinale PPC V9 N3 P25 Apr 1982

Program Registers Needed: 5

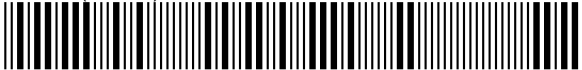
Row 1 (1 - 5)



Row 2 (5 - 12)



Row 3 (13 - 15)



# HP-41C EF/M Alpha+Digit by Paul Cardinale PPC V9 N3 P25 Apr 1982

Program Registers Needed: 5

Row 1 (1 - 6)



Row 2 (7 - 15)



Row 3 ( 16 )

