

HP-41C Hex to Decimal Routine by Vincent Lye
PPC Calculator Journal V9 No 8 Pg 5 Dec 1982
This program uses Extended Functions/Memory.

```
01 LBL "HX"      ;Hex to Decimal
02 0
03 LBL 01
04 XROM 25,07 ;ATOX
05 X=0?
06 GTO 02
07 16
08 ST* Z
09 RDN
10 64
11 -
12 7
13 X<>Y
14 X<0?
15 ST+ Y
16 X>0?
17 STO Y
18 RDN
19 9
20 +
21 +
22 GTO 01
23 LBL 02
24 RDN
25 END           ;40 BYTES
```

0028C000F30048581002A64767B30011169471751614411771
66927264917275194040B2000375C0000DFE

HP-41C Decimal to Hex ROutine by Vincent Lye
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```
01 LBL "DX"      ;Decimal to Hex
02 STO 00
03 CLA
04 LBL 01
05 16
06 MOD
07 9
08 -
09 -7
10 X<>Y
11 X<=0?
12 +
13 64
14 +
15 XROM 25,47 ;XTOA
16 -1
17 XROM 25,06 ;AROT
18 RCL 00
19 16
20 X>Y?
21 GTO 02
22 /
23 INT
24 STO 00
25 GTO 01
26 LBL 02
27 0
28 AVIEW
29 END           ;45 BYTES
```

002DC000F300445830870211164B19411C17717B40161440A6
6F1C11A64620111645B300436830B20003107EC0000D22

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Program Registers Needed: 6

Row 1 (1 - 6)



Row 2 (7 - 15)



Row 3 (16 - 25)



Row 4 (25)



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Program Registers Needed: 7

Row 1 (1 - 7)



Row 2 (8 - 16)



Row 3 (17 - 25)



Row 4 (26 - 29)

