

HP-41C Decode Routine DCD by Gerard Westen
PPC Calculator Journal V7 N8 P10 Oct 1980

```
01 LBL "DCD" ;Short DECODE Routine
02 9.005
03 STO 09
04 SF 09
05 RDN
06 GTO 14
07 LBL 10
08 FC? 10
09 >"," ;Append 1 comma
10 ASTO IND 09
11 FC? 10
12 AVIEW
13 LBL 14
14 CLA
15 X<> M
16 >"*" ;Append 1 asterisk
17 X<> N
18 X<> M
19 >"\00\07" ;Append null, 07 hex
20 X<> M
21 INT
22 41
23 LASTX
24 FRC
25 E1
26 *
27 31
28 ST+ T
29 +
30 X<Y?
31 DSE X
32 10^X
33 X<> M
34 ASHF
35 X<> T
36 X<Y?
37 DSE X
38 10^X
39 ASTO Y
40 STO M
41 ASHF
42 ARCL Y
43 ASTO X
44 R^
45 CLA
46 FC? 09
47 ARCL IND 09
48 ARCL Y
49 FC?C 09
50 SF 09
51 FC? 09
52 DSE 09
53 GTO 10
54 CLA
55 ARCL 08
56 ARCL 07
57 ARCL 06
58 ARCL Y
59 CLX
60 FC? 10
61 AVIEW
62 END
```

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0073C000F400444344191A10101539A80975BF000BAD0AF27F
2C9A89AD0A7E0F87CE75F27F2ACE76CE75F37F0007CE756814
1176691B1142131192704044977357CE7588CE70449773579A
729175889B729A737487AD099B899B72AB09A809AD099709BB
00879B089B079B069B7277AD0A7EC0000D78

115 BYTES

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Program Registers Needed: 17

Row 1 (1 - 3)



Row 2 (4 - 10)



Row 3 (11 - 18)



Row 4 (18 - 25)



Row 5 (25 - 33)



Row 6 (34 - 42)



Row 7 (42 - 49)



Row 8 (50 - 56)



Row 9 (57 - 62)

