

HP-41C PPC ROM Math Routines 1 by PPC ROM Authors
PPC Calculator Journal Volume 7 No 10 P9 Dec 1980

```
01 LBL "BD" ;PPC ROM Base b to Base Decimal
02 LBL A
03 CLST
04 LBL 01
05 >" " ;Append 1 space
06 X<> O
07 X=0?
08 GTO 01
09 X<> M
10 R^
11 X<> N
12 >"\00\08" ;Append 1 null, 08 hex
13 X<> N
14 RDN
15 X<> M
16 E
17 *
18 39
19 -
20 X>0?
21 DSE X
22 9
23 +
24 X<0?
25 GTO 02
26 X<>Y
27 RCL 06
28 *
29 +
30 .
31 GTO 01
32 LBL 02
33 RDN
34 CLA
35 RTN
36 LBL "TB" ;PPC ROM Base Ten to Base b
37 LBL B
38 "' " ;1 apostrophe, 13 spaces
39 RCL M
40 X<>Y
41 LBL 03
42 ENTER
43 INT
44 RCL 06
45 MOD
46 9
47 -
48 X>0?
49 ISG X
50 LBL 04
51 39
52 +
53 10^X
54 STO O
55 >" " ;Append 6 spaces
56 CLX
57 X<> O
58 X<> N
59 STO M
60 RDN
61 RCL 06
62 /
63 INT
64 X#0?
65 GTO 03
66 LBL 05
67 >" " ;Append 1 space
```

```
68 CLX
69 RCL M
70 X#Y?
71 GTO 05
72 CLX
73 X<> O
74 X<> N
75 STO M
76 CLST
77 AVIEW
78 RTN
79 LBL "PM" ;PPC ROM Permutations Routine
80 LBL C
81 CHS
82 X<>Y
83 SIGN
84 X<> L
85 ST+ Y
86 LBL 06
87 X=Y?
88 GTO 07
89 ST* L
90 DSE X
91 GTO 06
92 LBL 07
93 RDN
94 X<> L
95 RTN
96 LBL "CM" ;PPC ROM Combinations Routine
97 LBL D
98 RCL Y
99 RCL Y
100 X#Y?
101 -
102 X>Y?
103 X<>Y
104 ST+ T
105 SIGN
106 X<>Y
107 LBL 08
108 X<> T
109 LASTX
110 ST- Y
111 /
112 ST* Y
113 DSE L
114 GTO 08
115 RDN
116 RTN
117 LBL "DN" ;PPC ROM Date Number Routine
118 FRC
119 LASTX
120 INT
121 2
122 -
123 X>0?
124 GTO 09
125 E-6
126 ST- 02
127 RDN
128 12
129 +
130 LBL 09
131 30.59
132 *
133 INT
134 X<>Y
135 E2
136 *
137 ENTER
```

138 INT
139 ST+ Z
140 -
141 E2
142 *
143 INT
144 CHS
145 36525
146 LASTX
147 *
148 ST+ Z
149 X<> L
150 4
151 /
152 INT
153 +
154 2
155 +
156 R^
157 INT
158 1721087
159 +
160 FS? 10
161 +
162 RTN
163 END

011DC000F3004244CF667302F27F20CE7767B200CE7574CE76
F37F0008CE7675CE751B42131941649773194066B300712642
401AB20003758785C000F3005442CF67FE2720202020202020
202020202020907571048368264B1941649673051319405791
77F77F20202020202077CE77CE7691757526436863B40006F2
7F2077907579B60077CE77CE769175737E85C000F300504DCF
6854717ACE7492720778B80094749773B7000875CE7485C000
F300434DCF69907290727941457192707A7109CE7076937243
94729774B9007585C000F300444E697668124164BA001B1C16
9302751112400A13101A15194268711B124283689271411B12
426854131615121576429271CE741443684012407468111712
1110181740AC0A4085C0000D22

285 BYTES

HP-41C PPC ROM Math Routines 1 by Various Authors PPC V7 N10 P9 Dec 1980

Program Registers Needed: 41

Row 1 (1 - 5)



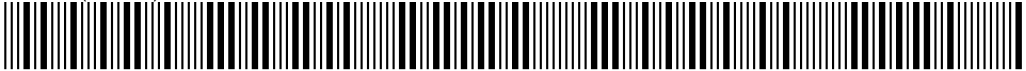
Row 2 (6 - 12)



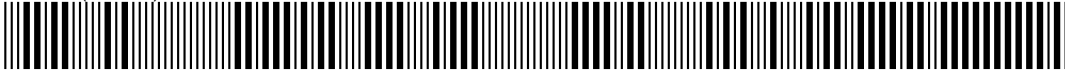
Row 3 (12 - 21)



Row 4 (21 - 31)



Row 5 (32 - 38)



Row 6 (38)



Row 7 (38 - 49)



Row 8 (49 - 55)



Row 9 (55 - 62)



Row 10 (63 - 71)



Row 11 (71 - 79)



Row 12 (79 - 85)



Row 13 (86 - 94)



Row 14 (94 - 99)



Row 15 (99 - 109)



Row 16 (110 - 117)



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Row 17 (117 - 125)



Row 18 (125 - 131)



Row 19 (131 - 141)



Row 20 (141 - 148)



Row 21 (149 - 158)



Row 22 (158 - 163)

