

HP-41C PPC ROM Barcode Analyzer by Nelson & Hill
PPC Calculator Journal Volume 7 N10 P15 Dec 1980

```
01 LBL "BA"      ;PPC ROM Barcode Analyzer Program
02 "SCAN"        ;by Richard Nelson (1)
03 AVIEW         ;and Roger Hill (4940)
04 XROM 27,05    ;WNDSCN
05 STO 18
06 FIX 0
07 2
08 X<Y?
09 GTO 00
10 5
11 SF 00
12 GTO 01
13 LBL 00
14 RCL 02
15 16
16 /
17 INT
18 LBL 01
19 SF IND X
20 "UT"          ;Unused Type
21 FS? 01
22 "PC"          ;Program Nonprivate
23 FS? 02
24 "PP"          ;Program Private
25 FS? 04
26 "DE"          ;Direct Execution
27 FS? 05
28 "PK"          ;Paper Keyboard
29 FS? 06
30 "ND"          ;Numeric Data
31 FS? 07
32 "AR"          ;Alpha Replace Data
33 FS? 08
34 "AA"          ;Alpha Append Data
35 FS? 09
36 "NS"          ;Numeric Sequenced
37 FS? 10
38 "ARS"         ;Alpha Replace Sequenced
39 FS? 11
40 "AAS"         ;Alpha Append Sequenced
41 ASTO Y
42 "TYPE "
43 ARCL X
44 ">" " " ;Append 1 space
45 ARCL Y
46 CF IND X
47 XROM 29,08    ;PRA
48 RCL 18
49 CF 29
50 E3
51 /
52 ISG X
53 STO 17
54 CF 12
55 "BY#         BIN"
56 ">"         DEC HEX CH"
57 XROM 29,08    ;PRA
58 CF 03
59 CF 15
60 RCL 01
61 CHS
62 STO 00
63 LBL 02
64 CLA
65 ARCL 17
66 ">" " " ;Append 2 spaces
67 LBL 03
```

```

68 8
69 RCL IND 17
70 ENTER
71 FC? 03
72 ST+ 00
73 128
74 X<=Y?
75 ST- Z
76 X<=Y?
77 SF 15
78 /
79 LBL 04
80 ENTER
81 INT
82 ARCL X
83 -
84 ST+ X
85 DSE Z
86 GTO 04
87 RDN
88 RCL IND 17
89 >" " ;Append 2 spaces
90 10
91 X>Y?
92 >" " ;Append 1 space
93 X^2
94 X>Y?
95 >" " ;Append 1 space
96 ARCL Y
97 >" " ;Append 2 spaces
98 %
99 XROM 29,01 ;ACA
100 16
101 MOD
102 X<>Y
103 LASTX
104 /
105 INT
106 XEQ 06
107 X<>Y
108 XEQ 06
109 FS?C 03
110 GTO 05
111 3
112 FC? 15
113 DSE X
114 XROM 29,22 ;SKPCHR
115 R^
116 FC?C 15
117 XROM 29,02 ;ACCHR
118 ADV
119 ISG 17
120 GTO 02
121 " CHECKSUM:"
122 XROM 29,08 ;PRA
123 CLA
124 CLX
125 FS?C 00
126 GTO 08
127 STO 17
128 SF 03
129 RCL 00
130 X=0?
131 GTO 03
132 255
133 MOD
134 X=0?
135 LASTX
136 STO 00
137 GTO 03

```

138 LBL 05
139 3
140 XROM 29,22 ;SKPCHR
141 ADV
142 RTN
143 LBL 06
144 9
145 X<Y?
146 GTO 07
147 RDN
148 CLA
149 ARCL X
150 XROM 29,01 ;ACA
151 RTN
152 LBL 07
153 RDN
154 55
155 +
156 XROM 29,02 ;ACCHR
157 RTN
158 LBL 08
159 RCL 01
160 16
161 /
162 INT
163 FIX 0
164 XROM 29,20 ;PRX
165 RTN
166 END

0150C000F3004241F45343414E7EA6C591129C001244B10015
A800B20001221116436802A8F3F25554AC01F25043AC02F250
50AC04F24445AC05F2504BAC06F24E44AC07F24152AC08F241
41AC09F24E53AC0AF3415253AC0BF34141539A72F554595045
209B73F27F209B72A9F3A7489012A91D1B134396739111A90C
FA4259232020202042494EFF7F202020204445432048455820
4348A748A903A90F21543003879B11F37F20200418909183AD
03920011121846937146A80F430583689B734192739771B500
759091F37F2020111045F27F205145F27F209B72F37F20204C
A74111164B71764368E0000671E00006AA03B60013AD0F9773
A75674AB0FA7428F9611B300FA20434845434B53554D3AA748
8777AA00B9009111A8032067B4001215154B677630B4000613
A7568F85071944B80075879B73A741850875151540A7428509
21111643689C00A75485C0000DC9

336 BYTES

HP-41C PPC ROM Barcode Analyzer by Nelson & Hill V7 N10 P15 Dec 1980

Program Registers Needed: 48

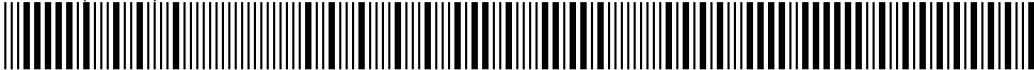
Row 1 (1 - 4)



Row 2 (4 - 12)



Row 3 (12 - 20)



Row 4 (21 - 26)



Row 5 (26 - 31)



Row 6 (31 - 36)



Row 7 (36 - 40)



Row 8 (41 - 44)



Row 9 (45 - 51)



Row 10 (52 - 55)



Row 11 (55 - 56)



Row 12 (56 - 59)



Row 13 (60 - 68)



Row 14 (69 - 75)



Row 15 (76 - 85)



Row 16 (85 - 91)



HP-41C PPC ROM Barcode Analyzer by Nelson & Hill V7 N10 P15 Dec 1980

Row 17 (92 - 97)



Row 18 (97 - 106)



Row 19 (106 - 113)



Row 20 (113 - 120)



Row 21 (121 - 122)



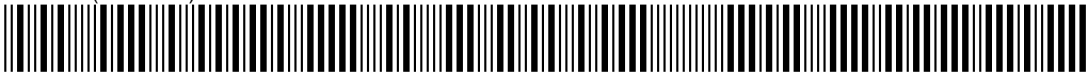
Row 22 (123 - 131)



Row 23 (131 - 140)



Row 24 (140 - 150)



Row 25 (150 - 160)



Row 26 (160 - 166)

