

HP-41C Routine Listing of 8K PPC Custom ROM LG
PPC Calculator Journal V8 N2 P4/5 Mar-Apr 1981

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01 LBL "LG"      ;PPC Logo - XROM 20,24
02 "\11\C2\E4\7C\3C\7A\F1\11\66\3E\1E\3D\78\F9" ;11C2E47C3C7AF111663E1E3D78F9 hex
03 ">\11\9E\1D\9B\BF\4E\87" ;119E1D9BBF4E87 hex
04 X<> O
05 XROM 29,04 ;ACSPEC
06 X<> N
07 XROM 29,04 ;ACSPEC
08 X<> M
09 XROM 29,04 ;ACSPEC
10 X<> O
11 RTN
12 LBL "HA"      ;High Resolution Histogram with Axis - XROM 20,25
13 RCL 01
14 X>Y?
15 X<>Y
16 RCL 00
17 -
18 RCL 01
19 RCL 00
20 -
21 /
22 X<0?
23 .
24 RCL 02
25 INT
26 ST* Y
27 X<>Y
28 FIX 4
29 RND
30 X<>Y
31 RCL 02
32 FRC
33 E3
34 *
35 X<=Y?
36 X<>Y
37 RDN
38 X>Y?
39 X<>Y
40 STO Z
41 -
42 STO 04
43 RDN
44 E
45 -
46 XROM 29,23 ;SKPCOL
47 E
48 LBL "HS"      ;High Resolution Histogram - XROM 20,26
49 RCL 04
50 *
51 LASTX
52 X>Y?
53 X<>Y
54 INT
55 7 E-5
56 +
57 RCL 03
58 GTO 00
59 LBL 01
60 XROM 29,02 ;ACCHR
61 LBL 00
62 DSE Y
63 GTO 01
64 RDN
65 INT
66 8
67 +
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68 RCL 05      ;listed incorrectly as 85 in V8 N2 Page 4/5
69 GTO 00
70 LBL 02
71 XROM 29,03 ;ACCOL
72 LBL 00
73 DSE Y
74 GTO 02
75 RTN
76 LBL "CP"    ;Column Print Formatting - XROM 20,27
77 RND
78 RCL 06
79 RCL Y
80 ABS
81 X#0?
82 LOG
83 INT
84 9
85 FS? 40
86 X<Y?
87 GTO 06
88 RDN
89 X<0?
90 CLX
91 FC? 29
92 GTO 04
93 .75
94 /
95 INT
96 LBL 04
97 -
98 XROM 29,22 ;SKPCHR
99 RDN
100 XROM 29,05 ;ACX
101 RTN
102 LBL 06
103 R^
104 R^
105 .5
106 FC? 29
107 RND
108 INT
109 3
110 +
111 GTO 04
112 END

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00BFC000F3004C47FE11C2E47C3C7AF111663E1E3D78F9F87F
119E1D9BBF4E87CE77A744CE76A744CE75A744CE7785C000F3
004841214571204121204143661A22689472719C046E712269
1B1342467175457191714134751B41A7571BC000F300485324
4276457168171B1C154023B10002A742019772B20075681840
25B10003A743019772B30085C000F30043506E269072616356
6819AC2844B700756677AD1DB5001A171543680541A75675A7
45850774741A15AD1D6E681340B500C0000D02

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191 BYTES

Program Registers Needed: 28

Row 1 (1 - 2)



Row 2 (2 - 3)



Row 3 (3 - 8)



Row 4 (8 - 13)



Row 5 (14 - 26)



Row 6 (26 - 36)



Row 7 (37 - 47)



Row 8 (48 - 55)



Row 9 (55 - 62)



Row 10 (63 - 72)



Row 11 (73 - 78)



Row 12 (79 - 88)



Row 13 (89 - 97)



Row 14 (98 - 106)



Row 15 (107 - 112)

