

HP-41C Key Assignment Finder Program by Roger Hill
PPC Calculator Journal Vol 7 No 6 P43 Jul/Aug 1980

```
01 LBL "KU" ;Key Assignment Finder Program
02 8
03 STO 03
04 SF 25
05 XROM 29,10 ;PRBUF
06 FC? 25
07 CF 21
08 "KEYS USED:"
09 AVIEW
10 "\10\F0\92\70\00\08\00\00\01" ;10F092700008000001
11 RCL R
12 X<> M
13 STO 02
14 RCL e
15 X<> N
16 STO O
17 FIX 1
18 CF 29
19 ARCL Y
20 FIX 0
21 X<> O
22 STO M
23 >"\20\F0" ;Append 20F0
24 RCL N
25 X<> d
26 RCL M
27 CLA
28 LBL 01
29 RCL 02
30 RCL 03
31 -
32 STO 01
33 RDN
34 LBL 02
35 FC? IND 01
36 FC? 50
37 GTO 05
38 X<> d
39 FC? IND 01
40 FC? 50
41 GTO 05
42 X<> d
43 LBL 03
44 ISG 01
45 GTO 02
46 DSE 03
47 GTO 01
48 X<>Y
49 STO d
50 FS? 21
51 CLA
52 >" END" ;Append 2 spaces, END
53 AVIEW
54 GTO 09
55 LBL 05
56 X<> d
57 35
58 RCL 01
59 INT
60 +
61 OCT
62 1
63 ST+ Y
64 %
65 +
66 10
67 MOD
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68 LASTX
69 *
70 INT
71 STO 00
72 43
73 -
74 ABS
75 1
76 X<Y?
77 ST+ 00
78 FS? 42
79 FC? IND 01
80 CHS
81 R^
82 R^
83 " " ;1 space
84 FC? 42
85 " -" ;4 spaces, 1 dash
86 FS? 50
87 X<> d
88 X<>Y
89 FC? 50
90 GTO 08
91 X<> d
92 ARCL 00
93 ISG Z
94 GTO 06
95 ">" -" ;Append 1 space, 1 dash
96 ARCL 00
97 LBL 06
98 AVIEW
99 FC? 21
100 TONE 70
101 X<> d
102 X<>Y
103 FS? 42
104 X<> d
105 GTO 03
106 LBL 08
107 STO d
108 CLD
109 LBL 09
110 FC?C 25
111 SF 21
112 CLST
113 END

```

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00D9C000F3004B551833A819A74AAD19A915FA4B4559532055
5345443A7EF910F092700008000001907ACE7532907FCE7691
779C01A91D9B729C00CE779175F37F20F09076CE7E90758702
222341317503AD81AD32B600CE7EAD81AD32B600CE7E049601
B3009703B20071917EAC1587F67F2020454E447EBA0006CE7E
13152168406F1192724C4011104B7642683014134161114492
00AC2AAD81547474F120AD2AF5202020202DAC32CE7E71AD32
B900CE7E9B009671B700F37F202D9B00077EAD159F46CE7E71
AC2ACE7EB40009917E7F0AAB19A81573C0000DD2

```

217 BYTES

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Program Registers Needed: 31

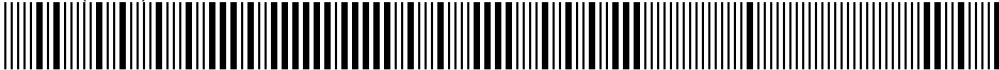
Row 1 (1 - 6)



Row 2 (6 - 8)



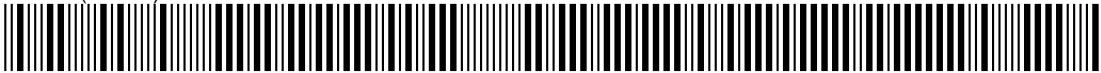
Row 3 (8 - 11)



Row 4 (11 - 18)



Row 5 (18 - 23)



Row 6 (24 - 33)



Row 7 (34 - 40)



Row 8 (41 - 47)



Row 9 (48 - 52)



Row 10 (53 - 62)



Row 11 (63 - 72)



Row 12 (73 - 82)



Row 13 (83 - 87)



Row 14 (87 - 94)



Row 15 (94 - 100)



Row 16 (101 - 108)



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Row 17 (109 - 113)

