

HP-41C Key Assignments MKX by Tapeni Tarvainen
PPC Calculator Journal V9 N4 P45 May-July 1982
HP-41C and CV require Extended Function/Memory

```
01 LBL "MKX" ;Make Key Assignments MKX
02 CF 25
03 "%"
04 XROM 25,26 ;PASN
05 RCL R
06 R^
07 CLA
08 XROM 25,47 ;XTOA
09 R^
10 XROM 25,47 ;XTOA
11 RCL Z
12 STO O
13 X<> M
14 >"\00\00\00\00\04\4C"
15 X<> O
16 X<> M
17 STO N
18 >"*" ;Append 1 asterisk
19 RCL O
20 SIGN
21 RCL N
22 RCL c
23 X<> M
24 >"\00\00\00\00\02"
25 X<> M
26 X<> d
27 CF 00
28 CF 01
29 CF 02
30 CF 03
31 X<> d
32 "\40\01\69\01"
33 X<> M
34 STO N
35 ASTO X
36 X<> c
37 176
38 X<> Z
39 SF 22
40 LBL 00
41 RCL IND Z
42 "***" ;Two asterisks
43 X<> N
44 X<> M
45 STO O
46 ASTO M
47 ASHF
48 X<> N
49 ASHF
50 X#Y?
51 X<> M
52 X=Y?
53 CF 22
54 X=Y?
55 X<> L
56 >"\00\00\00\00"
57 STO N
58 >"\00\00\00\00\F0"
59 X<> M
60 STO O
61 ARCL c
62 X<> O
63 STO IND T
64 RDN
65 FS? 22
66 ISG Z
```

```
67 X=0?  
68 GTO 00  
69 X<>Y  
70 X<> c  
71 END
```

```
00A0C000F4004D4B58A919F125A65A907A7487A66F74A66F90  
719177CE75F77F000000000044CCE77CE759176F27F2A90777A  
9076907DCE75F67F00000000002CE75CE7EA900A901A902A903  
CE7EF440016901CE7591769A73CE7D111716CE71A8160190F1  
F22A2ACE76CE7591779A7588CE768879CE7578A91678CE74F5  
7F000000009176F57F000000F0CE7591779B7DCE7791F075AC  
16967167B10071CE7DC0000D98
```

```
160 BYTES
```

HP-41C Key Assignments ASG by Tapeni Tarvainen
PPC Calculator Journal V9 N4 P45 May-July 1982

```
01 LBL "ASG" ;Key Assignments Program ASG
02 "\04\80" ;HP41C/CV Need Ext Functions/Memory
03 XROM 25,32 ;RCLFLAG
04 RCL M
05 STO d
06 RDN
07 "ASN "
08 ASTO L
09 AVIEW
10 CLA
11 XROM 25,45 ;STOFLAG
12 STOP
13 AOFF
14 ARCL L
15 4
16 CHS
17 XROM 25,06 ;AROT
18 31
19 ">" ;Append 1 space
20 LBL 09
21 SF 10
22 LBL 06
23 XROM 25,32 ;RCLFLAG
24 CF 21
25 AVIEW
26 XROM 25,45 ;STOFLAG
27 LBL 07
28 RDN
29 XROM 25,17 ;GETKEY
30 X=0?
31 GTO 07
32 X#Y?
33 GTO 08
34 ">-" ;Append 1 dash
35 FS?C 10
36 GTO 06
37 2
38 CHS
39 XROM 25,06 ;AROT
40 XROM 25,07 ;ATOX
41 XROM 25,07 ;ATOX
42 R^
43 GTO 09
44 LBL 08
45 XROM 25,32 ;RCLFLAG
46 CF 29
47 FIX 0
48 CF 21
49 ARCL Y
50 AVIEW
51 xROM 25,47 ;STOFLAG
52 RDN
53 ARCL L
54 FS? 10
55 ">*" ;Append 1 asterisk
56 8
57 CHS
58 XROM 25,06 ;AROT
59 ASHF
60 ASHF
61 RDN
62 FC?C 10
63 CHS
64 LBL "PASG" ;Programmable Key Assignments
65 RCL d
66 RDN
67 SF 25
```

```

68 XROM 25,26 ;PASN
69 FS?C 25
70 GTO 15
71 R^
72 STO d
73 >":" ;Append 1 colon
74 32
75 XROM 25,28 ;POSA
76 X<0?
77 SF 99
78 XROM 25,06 ;AROT
79 XROM 25,07 ;ATOX
80 XROM 25,28 ;POSA
81 CF 10
82 X<0?
83 GTO 08
84 CHS
85 SF 10
86 X<>Y
87 LBL 01
88 RDN
89 XROM 25,07 ;ATOX
90 ISG Y
91 GTO 01
92 LBL 08
93 R^
94 CF 22
95 XROM 25,02 ;ANUM
96 FS?C 22
97 GTO 02
98 XROM 25,07 ;ATOX
99 84
100 -
101 X<0?
102 GTO 10
103 X=0?
104 GTO 04
105 7
106 -
107 X<0?
108 GTO 08
109 12
110 -
111 X>0?
112 98
113 X<=0?
114 129
115 GTO 05
116 LBL 10
117 9
118 +
119 X<0?
120 GTO 04
121 115
122 GTO 05
123 LBL 08
124 CHS
125 LBL 04
126 112
127 LBL 05
128 +
129 LBL 02
130 58
131 XROM 25,28 ;POSA
132 CHS
133 LBL 03
134 XROM 25,07 ;ATOX
135 RDN
136 ISG X
137 GTO 03

```

```

138 RDN
139 E20
140 X<> d
141 X<> Z
142 SF 25
143 XROM 25,26 ;PASN
144 FS?C 25
145 GTO 04
146 RCL Z
147 STO d
148 XROM 25,02 ;ANUM
149 FC? 22
150 SF 99
151 R^
152 GTO 05
153 LBL 04
154 RCL Q
155 "*****" ;2 asterisks
156 X<> M
157 X<> N
158 R^
159 STO d
160 RDN
161 ASHF
162 XROM 25,07 ;ATOX
163 R^
164 FC? 10
165 GTO 05
166 XROM 25,46 ;X<>F
167 R^
168 208
169 R^
170 X<>Y
171 X=Y?
172 GTO 10
173 RDN
174 224
175 X<>Y
176 SF 07
177 X#Y?
178 GTO 04
179 LBL 10
180 RDN
181 174
182 LBL 04
183 R^
184 XROM 25,46 ;X<>F
185 LBL 05
186 R^
187 XEQ "MKX" ;Make Key Assignments Program (Line 1)
188 LBL 15
189 CLST
190 CLA
191 CLD
192 END ;335 BYTES

```

```

014FC000F400415347F20480A6609075917E75F441534E209A
747E87A66D848B9B741454A6461311F27F200AA80A07A660A9
157EA66D0875A65167B80079B900F27F2DAA0AB7001254A646
A647A64774BA0009A660A91D9C00A9159B727EA66D759B74AC
0AF27F2A1854A646888875AB0A54C000F50050415347907E75
A819A65AAA19D0000F74917EF27F3A1312A65C66A863A646A6
47A65CA90A66B90054A80A710275A6479672B2000974A916A6
42AA16B300A64718144166BB0067B500174166B90011124164
19187B111219B6000B194066B500111115B600095405111112
0640031518A65C5404A647759673B400751B1210CE7ECE71A8
19A65AAA19B5009071917EA642AD16A86374B600059079F22A
2ACE75CE7674917E7588A64774AD0AB600A66E741210187471
78BB007512121471A80779B5000B751117140574A66E06741E
F34D4B58CF0F73877FC0000D05

```

HP-41C MKX Program by Tapani Tarvainen PPC V9 NN4 P45 May-Jul 1982

Program Registers Needed: 23

Row 1 (1 - 4)



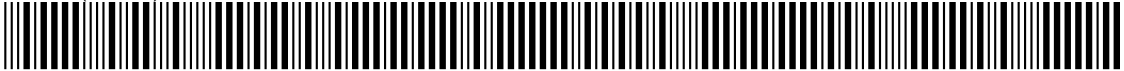
Row 2 (5 - 12)



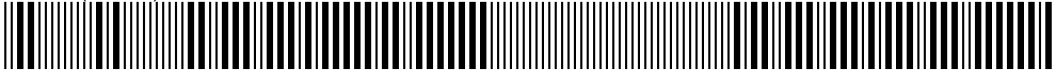
Row 3 (13 - 16)



Row 4 (16 - 22)



Row 5 (23 - 26)



Row 6 (27 - 32)



Row 7 (32 - 37)



Row 8 (38 - 44)



Row 9 (44 - 52)



Row 10 (53 - 57)



Row 11 (58 - 62)



Row 12 (62 - 70)



Row 13 (70 - 71)



HP-41C ASG Program by Tapani Tarvainen PPC V9 N4 P45 May-Jul 1982

Program Registers Needed: 48

Row 1 (1 - 4)



Row 2 (4 - 10)



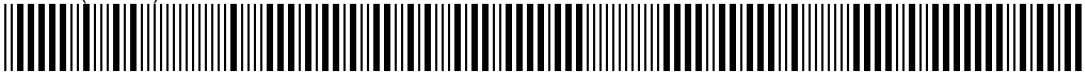
Row 3 (11 - 19)



Row 4 (19 - 26)



Row 5 (27 - 34)



Row 6 (35 - 42)



Row 7 (43 - 49)



Row 8 (50 - 57)



Row 9 (58 - 64)



Row 10 (64 - 70)



Row 11 (70 - 76)



Row 12 (77 - 83)



Row 13 (84 - 92)



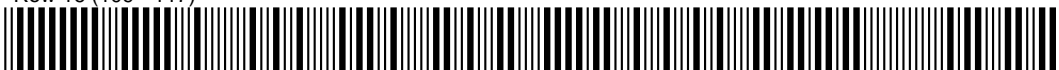
Row 14 (93 - 99)



Row 15 (100 - 109)



Row 16 (109 - 117)



HP-41C ASG Program by Tapani Tarvainen PPC V9 N4 P45 May-Jul 1982

Row 17 (118 - 126)



Row 18 (126 - 134)



Row 19 (135 - 141)



Row 20 (142 - 148)



Row 21 (148 - 155)



Row 22 (155 - 163)



Row 23 (164 - 171)



Row 24 (172 - 179)



Row 25 (180 - 187)



Row 26 (187 - 192)

