

HP-41C Monostable Nomogram by Barry Tepperman  
PPC Calculator Journal V7 N2 P56 Feb-Mar 1980

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01 LBL "9600"      ;Resettable Retriggerable Monostable Multivibrator
02 1
03 GTO A
04 LBL "9601"      ;Retriggerable Monostable Multivibrator
05 2
06 GTO A
07 LBL "74122"     ;Monostable Multivibrator
08 LBL "74123"     ;Dual Retriggerable Monostable Multivibrator
09 3
10 GTO A
11 LBL "9602"      ;Dual Resettable Retriggerable Monostable Multivibrator
12 4
13 GTO A
14 LBL "74121"     ;Dual Retriggerable Monostable Multivibrator
15 5
16 GTO A
17 LBL "74LS221"   ;Low Power Dual Monostable Multivibrator
18 6
19 GTO A
20 LBL "74C221"    ;CMOS Dual Monostable Multivibrator
21 7
22 GTO A
23 LBL "4098B"     ;CMOS Dual Resettable Retriggerable Monostable Multivibrator
24 8
25 GTO A
26 LBL "4528B"     ;CMOS Dual Monostable Multivibrator
27 9
28 GTO A
29 LBL "555"       ;Monostable/Astable/Bistable Integrated Circuit
30 SF 00
31 10
32 LBL A
33 STO 00
34 RCL IND X
35 INT
36 ENTER
37 10
38 *
39 STO 12
40 RCL IND 00
41 FRC
42 1 E3
43 *
44 ENTER
45 INT
46 STO 13
47 RDN
48 FRC
49 1 E3
50 *
51 ENTER
52 INT
53 10
54 /
55 STO 11
56 RDN
57 FRC
58 1 E3
59 *
60 STO 15
61 FS? 00
62 GTO C
63 "TMIN NS = "
64 ARCL 13
65 AVIEW
66 PSE
67 GTO B
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68 LBL C
69 "TMIN = 10^4 NS"
70 AVIEW
71 PSE
72 LBL B
73 "TW = ?NS"
74 PROMPT
75 STO 16
76 LBL H
77 XEQ IND 00
78 ENTER
79 "RC= "
80 ARCL X
81 AVIEW
82 PSE
83 FS?C 01
84 GTO E
85 XEQ "RSHOW" ;Show Resistance values
86 /
87 LBL F
88 "C PF = "
89 ARCL X
90 AVIEW
91 PSE
92 FS? 00
93 GTO D
94 FS? 02
95 GTO D
96 RTN
97 LBL D
98 RCL 15
99 X<>Y
100 X<=Y?
101 GTO G
102 CF 00
103 CF 02
104 RTN
105 LBL G
106 "CMIN PF = "
107 ARCL 15
108 AVIEW
109 PSE
110 "C TOO LOW"
111 AVIEW
112 PSE
113 "USE LOWER R"
114 AVIEW
115 PSE
116 "PREVIOUS R K= "
117 ARCL 14
118 AVIEW
119 PSE
120 "TW NS = "
121 ARCL 16
122 AVIEW
123 PSE
124 RCL 16
125 GTO H
126 LBL E
127 RCL 14
128 /
129 GTO F
130 LBL 10
131 ENTER
132 1.1
133 /
134 LBL 07
135 RTN
136 LBL 05
137 SF 02

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138 ENTER
139 .693
140 /
141 RTN
142 LBL 06
143 ENTER
144 3.03
145 /
146 SQRT
147 RTN
148 LBL 03
149 SF 02
150 LBL 01
151 LBL 02
152 ENTER
153 XEQ "CALLR" ;Set Flag 1, Show Resistance Value
154 .7
155 *
156 1
157 +
158 .32
159 *
160 /
161 RTN
162 LBL 04
163 ENTER
164 XEQ "CALLR" ;Set Flag 1, Show Resistance Value
165 1/X
166 1
167 +
168 .31
169 *
170 /
171 RTN
172 LBL 08
173 LBL 09
174 ENTER
175 "VCC= ?"
176 PROMPT
177 LN
178 .2
179 *
180 /
181 RTN
182 LBL "CALLR" ;Show Resistance values with Flag 1 Set
183 SF 01
184 LBL "RSHOW" ;Show Resistance values
185 "RMIN K = "
186 ARCL 11
187 AVIEW
188 PSE
189 "RMAX K = "
190 ARCL 12
191 AVIEW
192 PSE
193 "R= K?"
194 PROMPT
195 STO 14
196 RTN
197 LBL "LOAD" ;Load Register Values
198 AON
199 "LOADING REGS"
200 PSE
201 AOFF
202 5.07405
203 STO 01
204 5.04505
205 STO 02
206 5.04005001
207 STO 03
```

208 5.07205001  
209 STO 04  
210 4.03001401  
211 STO 05  
212 10.030014  
213 STO 06  
214 35.0501  
215 STO 07  
216 100.07005  
217 STO 08  
218 100.24005  
219 STO 09  
220 330.0000105  
221 STO 10  
222 AON  
223 "DONE"  
224 PSE  
225 AOFF  
226 RTN  
227 END

029AC000F5003936303011D00066C000F5003936303112D000  
66C000F6003734313232C000F600373431323313D00066C000  
F5003936303214D00066C000F600373431323115D00066C000  
F80037344C5332323116D00066C000F70037344332323117D0  
0066C000F600343039384218D00066C000F600343532384219  
D00066C000F400353535A8001110CF663090F368831110423C  
908069111B134283683D7569111B134283681110433B756911  
1B13423FAC00D00068FA544D494E204E53203D209B0D7E89D0  
0067CF68FE544D494E203D2031305E34204E537E89CF67F954  
57203D20203F4E538E9110CF6DAE8083F452433D209B737E89  
AA01D0006A1EF55253484F5743CF6BF743205046203D209B73  
7E89AC00D00069AC02D0006985CF692F7146D0006CA900A902  
85CF6CFA434D494E205046203D209B0F7E89F94320544F4F20  
4C4F577E89FB555345204C4F57455220527E89FE5052455649  
4F55532052204B3D209B0E7E89F85457204E53203D209B107E  
899010D0006DCF6A2E43D0006B0B83111A1143088506A80283  
1A16191343850783131A101343528504A8020203831EF54341  
4C4C521A174211401A131242438505831EF543414C4C526011  
401A1311424385090A83F65643433D203F8E501A12424385C0  
00F60043414C4C52A801C000F6005253484F57F9524D494E20  
4B203D209B0B7E89F9524D4158204B203D209B0C7E89F7523D  
2020204B3F8E3E85C000F5004C4F41448CFC4C4F4144494E47  
2052454753898B151A101714101531151A101415101532151A  
101410101510101133151A101712101510101134141A101310  
10111410113511101A1013101011143613151A101510113711  
10101A1017101015381110101A1214101015391313101A1010  
10101110153A8CF4444F4E45898B85C0000D66

666 BYTES

## HP-41C Monostable Nomogram by Barry Tepperman PPC V7 N2 P56 1980

Program Registers Needed: 96

Row 1 (1 - 4)



Row 2 (4 - 7)



# HP-41C Monostable Nomogram by Barry Tepperman PPC V7 N2 P56 1980

Row 3 (7 - 8)



Row 4 (8 - 11)



Row 5 (11 - 14)



Row 6 (14 - 17)



Row 7 (17 - 20)



Row 8 (20 - 23)



Row 9 (23 - 26)



Row 10 (26 - 29)



Row 11 (29 - 35)



Row 12 (36 - 44)



Row 13 (45 - 54)



Row 14 (55 - 62)



Row 15 (63 - 64)



Row 16 (65 - 69)



Row 17 (69 - 72)



Row 18 (73 - 75)



Row 19 (76 - 81)



# HP-41C Monostable Nomogram by Barry Tepperman PPC V7 N2 P56 1980

Row 20 (82 - 85)



Row 21 (86 - 89)



Row 22 (90 - 96)



Row 23 (97 - 104)



Row 24 (105 - 106)



Row 25 (107 - 110)



Row 26 (110 - 113)



Row 27 (113 - 116)



Row 28 (116 - 120)



Row 29 (120 - 125)



Row 30 (125 - 132)



Row 31 (132 - 140)



Row 32 (141 - 149)



Row 33 (150 - 155)



Row 34 (156 - 164)



Row 35 (164 - 171)



Row 36 (172 - 178)



# HP-41C Monostable Nomogram by Barry Tepperman PPC V7 N2 P56 1980

Row 37 (178 - 182)



Row 38 (183 - 185)



Row 39 (185 - 189)



Row 40 (189 - 192)



Row 41 (193 - 197)



Row 42 (197 - 199)



Row 43 (199 - 202)



Row 44 (202 - 206)



Row 45 (206 - 208)



Row 46 (208 - 210)



Row 47 (210 - 212)



Row 48 (212 - 216)



Row 49 (216 - 218)



Row 50 (218 - 220)



Row 51 (220 - 226)



Row 52 ( 227 )

