

```
01 LBL "CP"      ;Columnar Print Formatting Routine
02 RCL Y
03 ABS
04 X#0?
05 LOG
06 INT
07 FC? 29
08 GTO 00
09 .75
10 /
11 INT
12 LBL 00
13 -
14 XROM 29,01 ;ACA
15 XROM 29,22 ;SKPCHR
16 RDN
17 XROM 29,05 ;ACX
18 XROM 29,10 ;PRBUF
19 RTN
20 LBL "HS"      ;High Resolution Histogram
21 RCL 06
22 -
23 RCL 07
24 /
25 167
26 *
27 1
28 +
29 INT
30 X=0?
31 RTN
32 7
33 X<=Y?
34 GTO 05
35 CLX
36 GTO 06
37 LBL 05
38 -
39 7
40 /
41 INT
42 X<=0?
43 GTO 02
44 31
45 LBL 01
46 XROM 29,02 ;ACCHR
47 DSE Y
48 GTO 01
49 LBL 02
50 LASTX
51 7
52 *
53 .5
54 +
55 7
56 MOD
57 INT
58 7
59 +
60 LBL 06
61 127
62 LBL 03
63 XROM 29,03 ;ACCOL
64 DSE Y
65 GTO 03
66 XROM 29,10 ;PRBUF
67 RTN
```

```

68 LBL "PS"      ;Print Status Registers
69 FS? 55
70 XROM 29,19 ;PRSTK
71 STO 06
72 RDN
73 STO 07
74 RDN
75 STO 08
76 RDN
77 STO 09
78 RCL L
79 "L"
80 XEQ 00
81 RCL M
82 "M"
83 XEQ 00
84 RCL N
85 "N"
86 XEQ 00
87 RCL O
88 "O"
89 XEQ 00
90 RCL P
91 "P"
92 XEQ 00
93 RCL Q
94 "Q"
95 XEQ 00
96 CLA
97 RCL R
98 "R"
99 XEQ 00
100 RCL a
101 "a"
102 XEQ 00
103 RCL b
104 "b"
105 XEQ 00
106 RCL c
107 "c"
108 XEQ 00
109 RCL d
110 "d"
111 XEQ 00
112 RCL e
113 "e"
114 XEQ 00
115 RCL 09
116 RCL 08
117 RCL 07
118 RCL 06
119 RTN
120 LBL 00
121 ">=" "
122 ARCL X
123 FC? 55
124 GTO 01
125 XROM 29,01 ;ACA
126 XROM 29,10 ;PRBUF
127 RTN
128 LBL 01
129 AVIEW
130 PSE
131 RTN
132 LBL "MP"      ;Multiple (1-7) Function Plotting
133 RCL 11
134 18
135 +
136 1 E3
137 /

```

```
138 19
139 +
140 STO 11
141 LBL 00
142 CLA
143 ARCL IND 11
144 >" IS "
145 XROM 29,01 ;ACA
146 XEQ IND 11
147 XROM 29,03 ;ACCOL
148 XROM 29,10 ;PRBUF
149 RCL 11
150 ISG 11
151 GTO 00
152 INT
153 1 E3
154 /
155 STO 11
156 170
157 STO 18
158 STO 17
159 STO 16
160 STO 15
161 STO 14
162 STO 13
163 FIX 1
164 "Y0="
165 ARCL 06
166 >" YF="
167 160
168 RCL 07
169 ARCL 07
170 RCL 06
171 -
172 /
173 STO 07
174 XROM 29,08 ;PRA
175 "X0="
176 ARCL 08
177 >" XF="
178 ARCL 09
179 XROM 29,08 ;PRA
180 FIX 3
181 "dX="
182 ARCL 10
183 XROM 29,08 ;PRA
184 XEQ 07
185 LBL 02
186 19
187 RCL 11
188 FRC
189 +
190 STO 11
191 LBL 04
192 RCL IND 11
193 RCL 08
194 XEQ IND Y
195 RCL 06
196 -
197 RCL 07
198 *
199 INT
200 1
201 +
202 169
203 X>Y?
204 X<>Y
205 RCL 11
206 INT
207 1 E3
```

```
208 /
209 +
210 RCL 11
211 7
212 -
213 X<>Y
214 STO IND Y
215 ISG 11
216 GTO 04
217 RCL 11
218 FRC
219 11.992
220 +
221 STO 26
222 LBL 12
223 1.001
224 +
225 STO 27
226 LBL 10
227 RCL IND 26
228 RCL IND 27
229 X<Y?
230 XEQ 15
231 ISG 27
232 GTO 10
233 ISG 26
234 GTO 11
235 GTO 13
236 LBL 11
237 RCL 26
238 GTO 12
239 LBL 13
240 19
241 RCL 11
242 FRC
243 +
244 STO 11
245 RCL 12
246 FRC
247 X<> 12
248 LBL 05
249 INT
250 RCL 12
251 INT
252 -
253 167
254 LASTX
255 -
256 X<>Y
257 X<=Y?
258 X<=0?
259 GTO 06
260 ST+ 12
261 1
262 -
263 STO Y
264 7
265 /
266 INT
267 XROM 29,22 ;SKPCHR
268 7
269 *
270 -
271 XROM 29,23 ;SKPCOL
272 RCL 11
273 7
274 -
275 RCL IND X
276 FRC
277 1 E3
```

```

278 *
279 XEQ IND X
280 XROM 29,03 ;ACCOL
281 LBL 06
282 RCL 11
283 6
284 -
285 RCL IND X
286 ISG 11
287 GTO 05
288 XROM 29,10 ;PRBUF
289 RCL 10
290 ST+ 08
291 RCL 09
292 RCL 08
293 X<=Y?
294 GTO 02
295 LBL 07
296 5
297 STO 12
298 "----"
299 LBL 03
300 28
301 XROM 29,03 ;ACCOL
302 XROM 29,01 ;ACA
303 3
304 XROM 29,23 ;SKPCOL
305 DSE 12
306 GTO 03
307 RDN
308 XROM 29,03 ;ACCOL
309 XROM 29,10 ;PRBUF
310 RTN
311 LBL 15
312 STO IND 26
313 X<>Y
314 STO IND 27
315 RTN
316 LBL 19
317 127
318 RTN
319 LBL 20
320 119
321 RTN
322 LBL 21
323 85
324 RTN
325 LBL 22
326 65
327 RTN
328 LBL 23
329 93
330 RTN
331 LBL 24
332 54
333 RTN
334 LBL 25
335 28
336 RTN
337 LBL "HP" ;High Resolution Plotting
338 "PLOT OF "
339 ARCL 11
340 XROM 29,08 ;PRA
341 FIX 1
342 "Y: "
343 ARCL 06
344 ">" TO "
345 ARCL 07
346 XROM 29,08 ;PRA
347 "X: "

```

```
348 ARCL 08
349 >" TO "
350 ARCL 09
351 XROM 29,08 ;PRA
352 FIX 3
353 "STEPS OF "
354 ARCL 10
355 XROM 29,08 ;PRA
356 SF 12
357 "-----"
358 XROM 29,01 ;ACA
359 XROM 29,01 ;ACA
360 XROM 29,10 ;PRBUF
361 CF 12
362 167
363 RCL 07
364 RCL 06
365 -
366 /
367 STO 14
368 RCL 08
369 STO 12
370 LBL 00
371 17.023
372 STO 24
373 STO 13
374 LBL 01
375 RCL 12
376 XEQ IND 11
377 RCL 06
378 -
379 RCL 14
380 *
381 1
382 +
383 FIX 0
384 RND
385 168
386 X<>Y
387 X>Y?
388 0
389 ENTER
390 0
391 X<=Y?
392 X<>Y
393 STO IND 13
394 RCL 10
395 ST+ 12
396 RCL 12
397 RCL 09
398 X<Y?
399 GTO 04
400 ISG 13
401 GTO 01
402 XEQ 05
403 4
404 RCL 10
405 *
406 ST+ 12
407 RCL 12
408 RCL 09
409 X<Y?
410 RTN
411 GTO 00
412 LBL 04
413 0
414 STO IND 13
415 ISG 13
416 GTO 04
417 LBL 05
```

418 .001
419 ST+ 17
420 2
421 *
422 ST+ 18
423 2
424 *
425 ST+ 19
426 2
427 *
428 ST+ 20
429 2
430 *
431 ST+ 21
432 2
433 *
434 ST+ 22
435 2
436 *
437 ST+ 23
438 18.023
439 STO 16
440 LBL 06
441 RCL 16
442 STO 15
443 1
444 -
445 RCL IND X
446 LBL 07
447 RCL IND 15
448 X<Y?
449 X<>Y
450 STO IND 15
451 RDN
452 ISG 15
453 GTO 07
454 STO IND Y
455 ISG 16
456 GTO 06
457 17.022
458 STO 15
459 RCL 24
460 STO 16
461 LBL 08
462 ISG 16
463 RCL IND 16
464 INT
465 RCL IND 15
466 INT
467 X#Y?
468 GTO 09
469 LASTX
470 FRC
471 ST+ IND 16
472 CLX
473 STO IND 15
474 LBL 09
475 ISG 15
476 GTO 08
477 RCL 24
478 STO 15
479 0
480 STO 16
481 LBL 10
482 RCL IND 15
483 INT
484 X=0?
485 GTO 11
486 ENTER
487 X<> 16

```

488 -
489 1
490 -
491 XROM 29,23 ;SKPCOL
492 RCL IND 15
493 FRC
494 1 E3
495 *
496 XROM 29,03 ;ACCOL
497 LBL 11
498 ISG 15
499 GTO 10
500 XROM 29,10 ;PRBUF
501 RTN
502 END

```

```

0374C000F3004350907261635668AD1DB1001A171543680141
A741A75675A745A74A85C000F3004853264127431116174211
406867851746B60077B70006411743687BB300131102A74297
72B200037617421A1540174B6817400711121704A7439772B4
00A74A85C000F3005053AC37A753367537753875399074F14C
E000009075F14DE000009076F14EE000009077F14FE0000090
78F150E000009079F151E0000087907AF152E00000907BF161
E00000907CF162E00000907DF163E00000907EF164E0000090
7FF165E00000292827268501F37F3D209B73AD37B200A741A7
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879B8BF57F20495320A741AE8BA743A74A2B960BB10068111B
13433B1117109112911191103F3E3D9C01F359303D9B06F57F
2059463D111610279B0726414337A748F358303D9B08F57F20
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403B05908B28AEF22641274268114011161945712B68111B13
43402B17417191F2960BB5002B6911111A19191240911A0D11
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000C901ABD000E11192B69403B2C69CE0C06682C6841111617
764171467BB700920C11419172174368A756174241A7572B17
4190F369111B1342AEF3A743072B164190F3960BB600A74A2A
9208292846B30008153CF42D2D2D2D041218A743A74113A757
970CB40075A743A74A85CF0F919A71919B85CF1311121785CF
1411111985CF15181585CF16161585CF17191385CF18151485
CF19121885C000F3004850F8504C4F54204F46209B0BA7489C
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20544F209B09A7489C03F95354455053204F46209B0AA748A8
0CF62D2D2D2D2DA741A741A74AA90C111617272641433E28
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161871451083104671918D2A920C2C2944B500960DB200E000
05142A42920C2C294485B1000510918D960DB500061A101011
92111242921212429213124292141242921512429216124292
1711181A10121391100790103F114190F308908F4471918F75
960FB80091F29610B70011171A1012123F9018911009961090
9068908F6879BA007669929077918F0A960FB90090183F1091
100B908F6867BC0083CE10411141A757908F69111B1342A743
0C960FBB00A74A85C0000DD6

```

884 BYTES

HP-41C PPC ROM Peripheral Group by Jake Schwartz PPC V7 N9 P17 Nov 1980

Program Registers Needed: 127

Row 1 (1 - 7)



HP-41C PPC ROM Peripheral Group by Jake Schwartz PPC V7 N9 P17 Nov 1980

Row 2 (7 - 15)



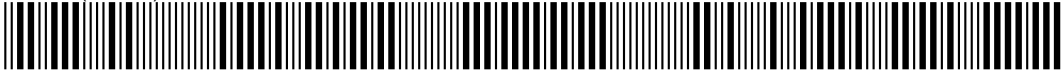
Row 3 (15 - 20)



Row 4 (21 - 31)



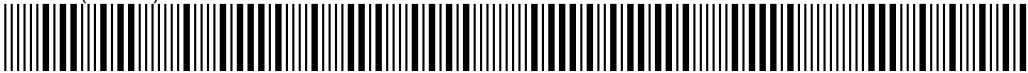
Row 5 (32 - 42)



Row 6 (43 - 50)



Row 7 (51 - 61)



Row 8 (61 - 68)



Row 9 (68 - 75)



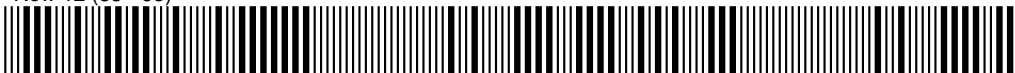
Row 10 (76 - 82)



Row 11 (83 - 88)



Row 12 (88 - 93)



Row 13 (94 - 99)



Row 14 (100 - 105)



Row 15 (105 - 111)



Row 16 (111 - 118)



Row 17 (119 - 125)



Row 18 (125 - 132)



HP-41C PPC ROM Peripheral Group by Jake Schwartz PPC V7 N9 P17 Nov 1980

Row 19 (132 - 140)



Row 20 (141 - 146)



Row 21 (146 - 153)



Row 22 (153 - 160)



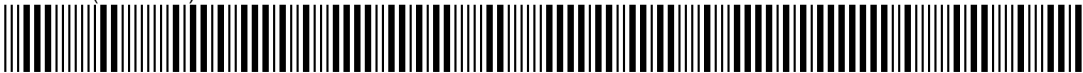
Row 23 (161 - 166)



Row 24 (166 - 173)



Row 25 (174 - 177)



Row 26 (177 - 182)



Row 27 (183 - 191)



Row 28 (192 - 202)



Row 29 (202 - 211)



Row 30 (212 - 219)



Row 31 (219 - 224)



Row 32 (225 - 231)



Row 33 (232 - 238)



Row 34 (239 - 249)



Row 35 (250 - 259)



HP-41C PPC ROM Peripheral Group by Jake Schwartz PPC V7 N9 P17 Nov 1980

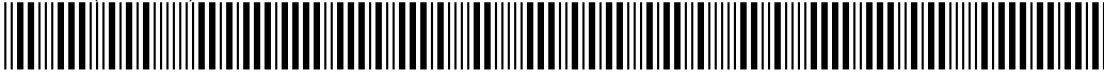
Row 36 (260 - 269)



Row 37 (270 - 278)



Row 38 (279 - 287)



Row 39 (287 - 296)



Row 40 (297 - 302)



Row 41 (303 - 310)



Row 42 (311 - 317)



Row 43 (318 - 325)



Row 44 (325 - 332)



Row 45 (333 - 338)



Row 46 (338 - 341)



Row 47 (341 - 344)



Row 48 (345 - 349)



Row 49 (349 - 353)



Row 50 (353 - 357)



Row 51 (357 - 361)

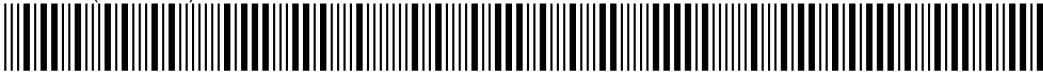


Row 52 (361 - 371)



HP-41C PPC ROM Peripheral Group by Jake Schwartz PPC V7 N9 P17 Nov 1980

Row 53 (371 - 377)



Row 54 (378 - 387)



Row 55 (388 - 398)



Row 56 (399 - 406)



Row 57 (406 - 415)



Row 58 (416 - 422)



Row 59 (423 - 432)



Row 60 (433 - 438)



Row 61 (439 - 447)



Row 62 (448 - 455)



Row 63 (456 - 460)



Row 64 (461 - 469)



Row 65 (470 - 477)



Row 66 (478 - 487)



Row 67 (487 - 495)



Row 68 (496 - 502)

