SEARCH FOR KEY PRESS

0300	237E	:Do subroutine - Mode One Grid Reset (Begin Program)
02	A4FD	:I=Cursor Pattern (Begin Key Search)
04	DCD1	:Display cursor @ VC, VD (initialized in Mode One :subroutine beginning at 037E)
06	2368	:Do subroutine (cursor blink, entry #1)
08	6002	:V0=02 (Initialize Keypress variable)
0A	E0A1	:Skip if V0 ≠ key pressed
0C	1316	:Go to cursor move routine (Control C check) and :end key search.
0E	7002	:V0+02 (check the next key)
10	300E	:Skip if V0 = 0E (Last key in sequence)
12	130A	:GO loop until Key 2, 4, 6, 8, A, or C is pressed. :Key A has no function unless it follows Key C.
14	1306	:GO Loop (Do cursor blink and reset V0)

CURSOR MOVE / CONTROL C CHECK

0316	236C	:Do subroutine (cursor blink, entry #2 for erase :cursor)
18	400C	:Skip V0 ≠ 0C (Key C?)
1A	2348	:Yes: do control C subroutine
1C	4002	:Skip V0 ≠ 02 (Key 2?)
1E	4D09	:Yes: limit cursor at top of grid
20	1326	:Go do next check - not key 2
22	7DF9	:VD+F9 (-07) - cursor moving up
24	7BFF	:VB+FF (-01) - sample character pointer moving up
26	4004	:Skip V0 ≠ 04 (Key 4?)
28	4C05	:Yes: limit cursor at left of grid
2A	1330	:Go do next check - not key 4
2C	7CFB	:VC+FB (-05) - cursor moving left
2E	7AFF	:VA+FF (-01) - sample character pointer moving left
30	4006	:Skip V0 ≠ 06 (Key 6?)
32	4C14	:Yes: limit cursor at right of grid
34	133A	:Go do next check - not key 6
36	7C05	:VC+05 - cursor moving right
38	7A01	:VA+01 - sample character pointer moving right
3A	4008	:Skip if V0 ≠ 08 (Key 8?)
3C	4D3A	:Yes: limit cursor at bottom of grid
3E	1344	:Go exit
40	7D07	:VD+07 - cursor moving down
42	7B01	:VB+01 - sample character pointer moving down
44	2372	:Do subroutine (cursor blink, entry #3 - timing)
46	1302	:Go loop - end cursor move/control C check

END EXECUTIVE ROUTINES

CONTROL "C" SUBROUTINE - CALLED BY KEY "C" PRESS

0348	F00A	:V0=hex key. Wait for instructions
4A	4000	:Skip V0 ≠ 00 (Key 0?)