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036A 83 GLO R3 ;Swap PC's R4=PC & must later be reset
6B A4 PLO R4 ; " " " " " "
6C 24 DEC R4 ; " " " " " "
6D 93 GHI R3 ; " " " " " "
6E B4 PHI R4 ; " " " " " "
6F D4 SEP R4 ; " " " " " "
0370 22 DEC R2 ;To counter increment next (x=2)
71 61 INP ;Turn off video (R(x)+1)
72 F8 LDI
73 80
74 B3 PHI R3 ;R3.1 = 80
75 47 LDA R7 ;Get Read=C2/Write=91 byte from caller
76 A3 PLO R3 ;Put in R3 to address proper routine
77 97 GHI R7
78 73 STXD ;Push R7.1
79 87 GLO R7
7A 73 STXD ;Push R7.0 Save old R7 R9 which will
7B 99 GHI R9 change (RC.0 will also
7C 73 STXD ;Push R9.1 change & must be reset
7D 89 GLO R9 to 95 (8195)
7E 73 STXD ;Push R9.0
7F D3 SEP R3 ;Call ROM Read/Write
0380 84 GLO R4 ;Swap PC's back R3=PC again
81 A3 PLO R3 ; " " " " "
82 23 DEC R3 ; " " " " "
83 94 GHI R4 ; " " " " "
84 B3 PHI R3 ; " " " " "
85 D3 SEP R3 ; " " " " "
86 E2 SEX 2 ;X = 2
87 60 IRX ;Point to saved data
88 72 LDXA ;Pop R9.0
89 A9 PLO R9 ;Restore R9.0
8A 72 LDXA ;Pop R9.1
8B B9 PHI R9 ;Restore R9.1
8C 72 LDXA ;Pop R7.0
8D A7 PLO R7 ;Restore R7.0
8E F0 LDX ;Pop R7.1
8F B7 PHI R7 ;Restore R7.1
0390 F8 LDI
91 03
92 B4 PHI R4 ;Reset R4 = 0313 - Call routine PC
93 F8 LDI
94 01
95 A4 PLO R4 ;Reset R4 = 0313 - Call routine PC
96 F8 LDI
97 95 ;Reset RC = 8195 - Key Scan Routine
98 AC PLO RC
99 D5 SEP R5 ;Return

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