

TAPE READ/WRITE

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0090 E2 SEX 2 ;X = 2
91 96 GHI R6
92 73 STXD ;Push R6.1
93 86 GLO R6
94 73 STXD ;Push R6.0 (Save old R6)
95 F8 LDI
96 05
97 BA PHI RA
98 B6 PHI R6
99 F8 LDI ;Set R6 = 0500, beginning data area
9A 00 ;Also setting RA for later display
9B AA PLO RA
9C A6 PLO R6 ;And disassemble
9D F8 LDI
9E 03
9F AE PLO RE ;Set RE.0 = Number pages fixed at 3
00A0 22 DEC R2 ;R2 - 1 to compensate for next unwanted inc.
A1 61 INP ;Turn off video (R(x)+1)
A2 83 GLO R3
A3 A4 PLO R4
A4 24 DEC R4 ;Swap program counters - (R4=PC) R4 must
A5 93 GHI R3 ;later be set = 0313 for sub routine calls
A6 B4 PHI R4
A7 D4 SEP R4
A8 F8 LDI
A9 80
AA B3 PHI R3 ;R3.1 = Read/Write page location in ROM
AB 8F GLO RF
AC FB XRI ;Test RF.0 if Write selected
AD 0F
AE 3A BNZ ;If not, branch to test for Read
AF B6
00B0 F8 LDI ;Begin call to Tape Write
B1 91
B2 A3 PLO R3 ;Set R3 = Write sub in ROM @ 8091
B3 D3 SEP R3 ;Do sub - Write 3 pages to tape
B4 30 BN ;Branch to exit
B5 C1
B6 8F GLO RF
B7 FB XRI ;Test if Tape Read selected (RF.0 = 0B)
B8 0B
B9 3A BNZ ;If not, branch to exit, turning video
BA C0 ;Back on
BB F8 LDI ;Begin call to Tape Read
BC C2
BD A3 PLO R3 ;R3= 0BC2 - Read routine in ROM
BE D3 SEP R3 ;Do sub - Read 3 pages
BF 38 SKP ;Always skip

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