

MODIFICATION #2

As explained for Modification #1, load in Text Editor-21 from the Pips for Vips tape, make the following changes, then save the new program as Text Editor 21-2 for full keyboard control

In addition to the following changes, also enter the three listings from Modification #1 titled "Delete Key Test," "Jump Table" and "Function Decode." These three sections are the same for both modifications. (The following section is similar but not the same for both modifications.)

MODIFICATION #2 FULL KEYBOARD CONTROL

0028	E2	NOP		;No operation lines for Signal Debounce
29	E2	NOP		; " " " "
2A	3F	BN4		;Test EF-4 - Branch to 0028 if no key
2B	28			is being pressed
2C	6B	INP		;Get ASCII code at Input port
2D	B8	PHI	R8	;Put in R8.1 (Also on stack)
2E	30	BR		;Branch to 00B3 -- Delete Key Test
2F	B3			
0030	F8	LDI		;Load 1F into D register
31	1F			
32	F7	SM		;Subtract 1F - M(R(X))
33	3B	BNF		;If result is negative, R8.1 is GT 1F
34	3A			branch to 003A
35	D4	SEP	R4	;Else call Function Decode (R8.1 is LTE 2F)
36	02			
37	F7			
38	30	BR		;Branch to 0040 skipping next 2 sub calls
39	40			
3A	D4	SEP	R4	;Call next character (ASCII code in R8.1)
3B	03			
3C	9F			