



EPROM PART jumper

8K	27C64	V
16K	27C128	V
32K	27C256	U

RAM PART jumper

2K	CXK5814	S,W,Z
16K	CY7C199	T,X,Z
32K	CY7C199	T,X,Y

- BOM
- U1 74HC139 decoder
 - U2 R65C02 CPU
 - U3 8K-32K EPROM
 - U3a 28-pin socket
 - U4 2K or 32K RAM
 - U5,6 74HC273 latch
 - D1 7-digit 7seg LED
 - S1 on/off switch
 - Y1 2MHz resonator
 - 3D,7C,4R discretes
 - PC board

If your USB adapter puts RTS or DTR on P1 pin 4, it can reset the 6502.

- Notes
1. Uses 0.3" wide "skinny" RAM.
 2. Writes to 32-64K (EPROM) control the LED display.
 3. 16K-32K free for expansion.
 4. Power with battery or USB. RAM maintained with battery.
 5. RESET if VCC<3.35v.

TMSI c/o Lee Hart		
814 8th Ave N, Sartell MN 56377		
Title 6502 Badge for VCFMW with LV shutdown		
Size	Document Number	REV
A	C:\ORCAD\SHEET\6502\BADGE4B.SCH	B
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