

EXPANSION ROM SOCKET

\$9000 or \$A000

48Z08 = 2 x 4KB SoftROM
48T08 / DS1643 = 4KB + 3,99KB + real time clock

SoftROM

for CBM/PET computers with \$9000 / \$A000 expansion ROM sockets

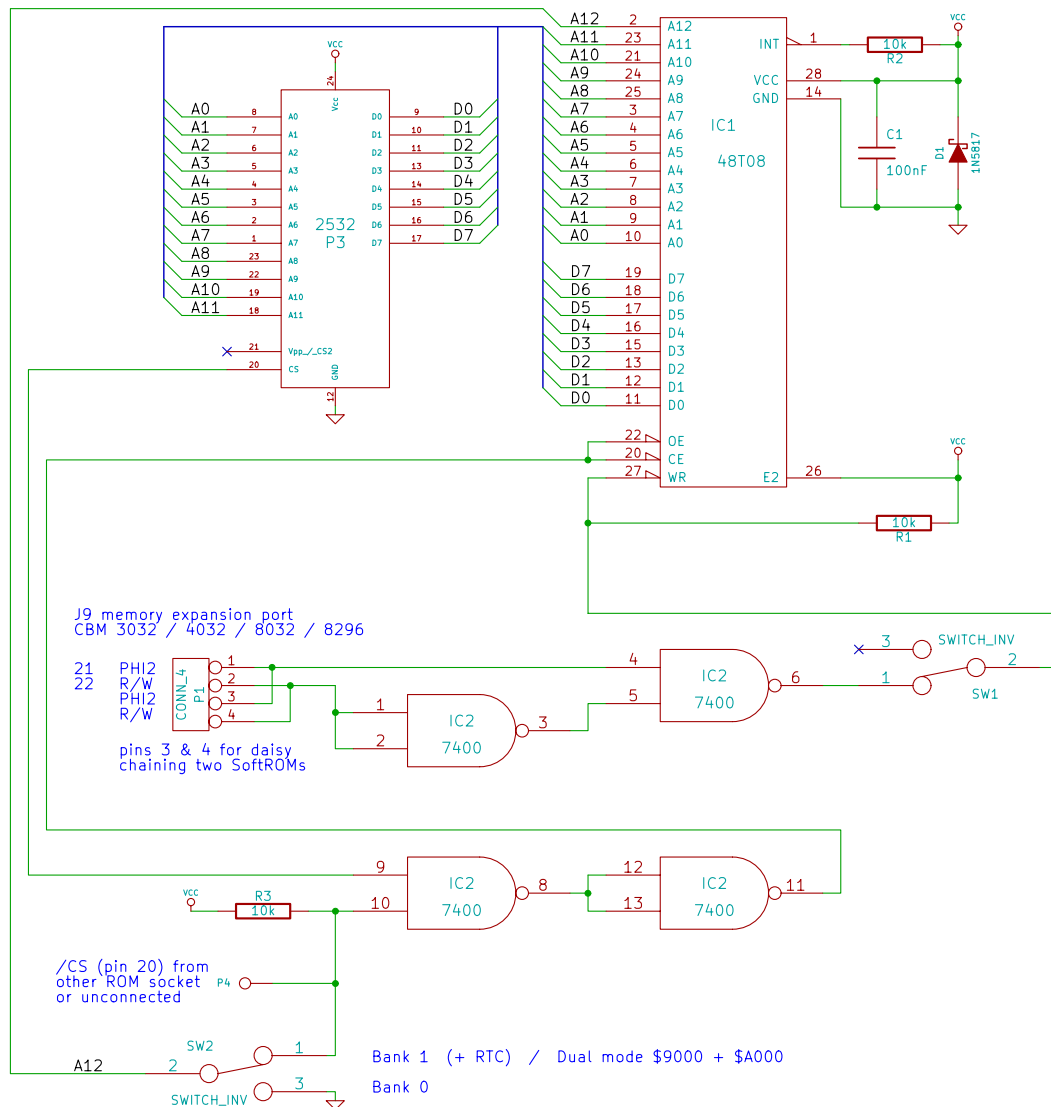
Dual mode: 4KB at \$9000, 4KB at \$A000

Plug it in the \$9000 or \$A000 socket. Connect P1 and J9. Connect P4 to empty ROM socket pin 20 to use SoftROM at \$9000 and \$A000. Set SW2 to Bank 1 / Dual mode.

Mono mode: 2 x 4KB

Plug it in the desired ROM socket. Connect P1 and J9. Don't connect P4. Select one of two banks with SW2.

You can daisy-chain two SoftROMs for 2 x 4KB at \$9000 and 2 x 4KB at \$A000: Connect SoftROM 1 P1 to CBM J9, SoftROM 2 P1 to P1 of SoftROM1



SW1 and SW2 can get replaced by a simple switch connected to pins 1 and 2 only, pin 3 unconnected

Battery life: 10 years min. (55°C, Vcc=0V), 8.5 years (typ.) at 70°C

Nils Eilers		
File: SoftROM.sch		
Sheet: /		
Title: SoftROM		
Size: A4	Date: 11 jun 2011	Rev: 0.2
KiCad E.D.A.		Id: 1/1