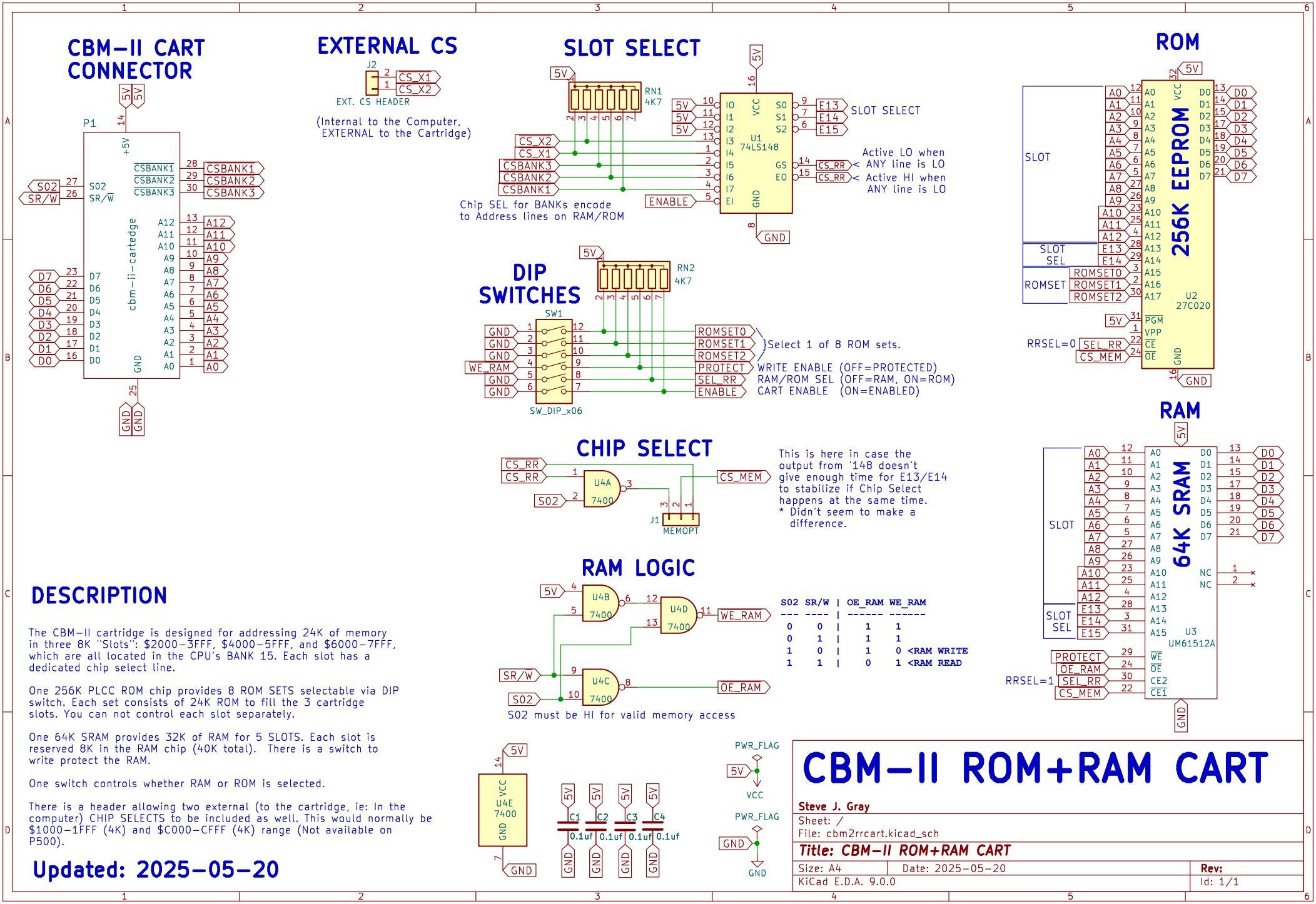

DESCRIPTION

The CBM-II cartridge is designed for addressing 24K of memory in three 8K "Slots": $2000-3FFF, $4000-5FFF, and $6000-7FFF, which are all located in the CPU's BANK 15. Each slot has a dedicated chip select line.

One 256K PLCC ROM chip provides 8 ROM SETS selectable via DIP switch. Each set consists of 24K ROM to fill the 3 cartridge slots. You can not control each slot separately.

One 64K SRAM provides 32K of RAM for 5 SLOTS. Each slot is reserved 8K in the RAM chip (40K total). There is a switch to write protect the RAM.

One switch controls whether RAM or ROM is selected.

There is a header allowing two external (to the cartridge, ie: In the computer) CHIP SELECTS to be included as well. This would normally be $1000-1FFF (4K) and $C000-CFFF (4K) range (Not available on P500).

Updated: 2025-05-20

S02	SR/W	OE_RAM	WE_RAM	
0	0	1	1	
0	1	1	1	
1	0	1	0	<RAM WRITE
1	1	0	1	<RAM READ

CBM-II ROM+RAM CART

Steve J. Gray

Sheet: /

File: cbm2rrcart.kicad_sch

Title: CBM-II ROM+RAM CART

Size: A4	Date: 2025-05-20	Rev:
KiCad E.D.A. 9.0.0		Id: 1/1

STATUS: Working