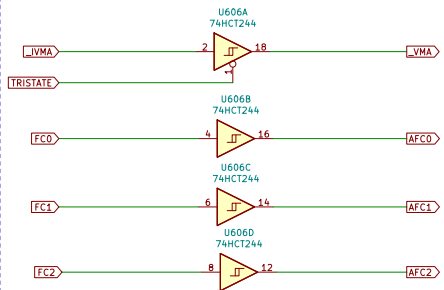
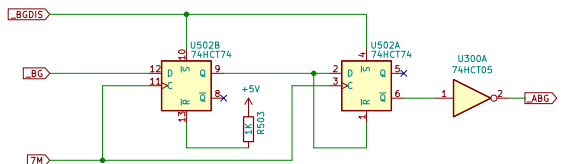


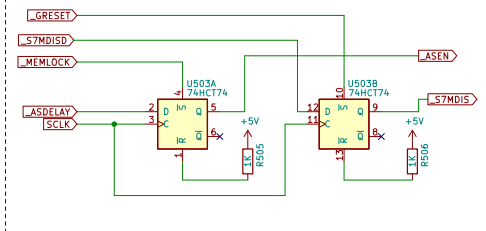
OUTPUT TO AMIGA BUFFER



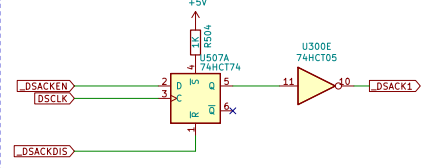
BUS GRANT ENABLE/DISABLE



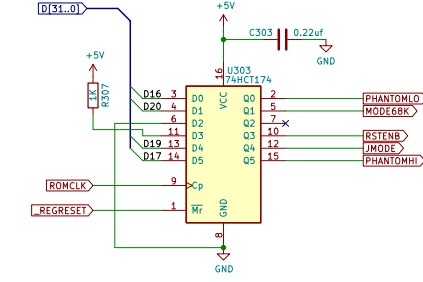
STATE MACHINE



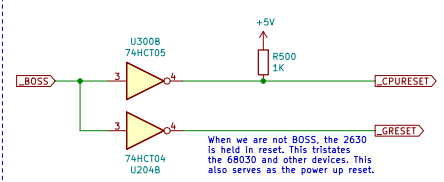
DSACK FOR 16 BIT CYCLES



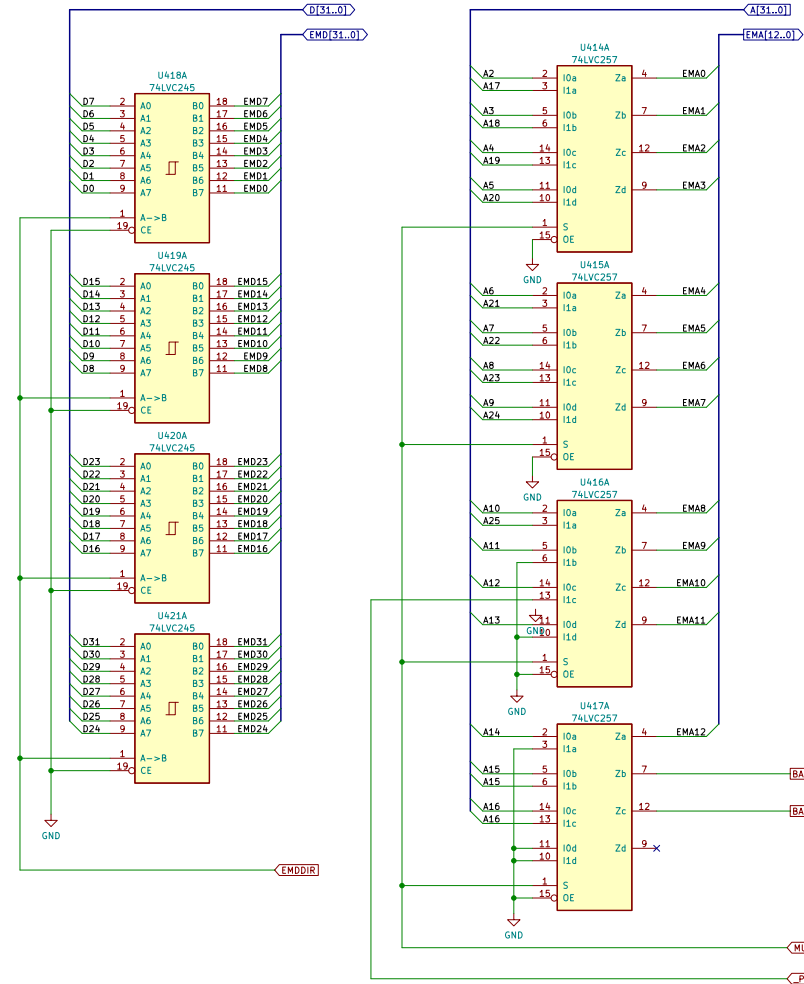
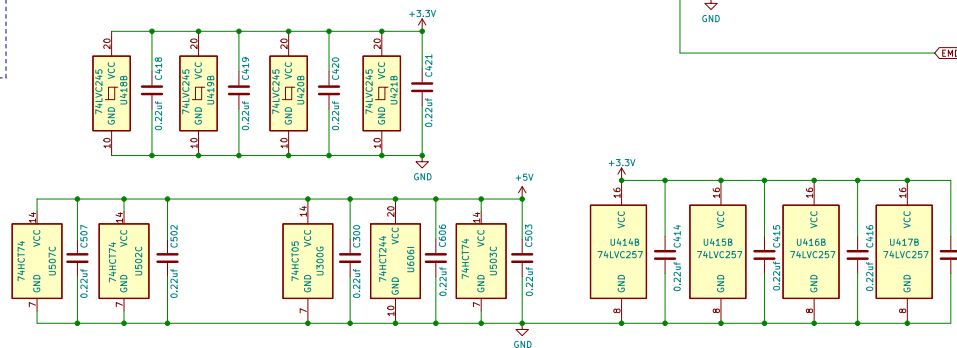
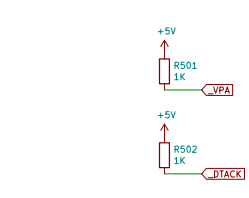
STARTUP ROM CONFIG



RESET



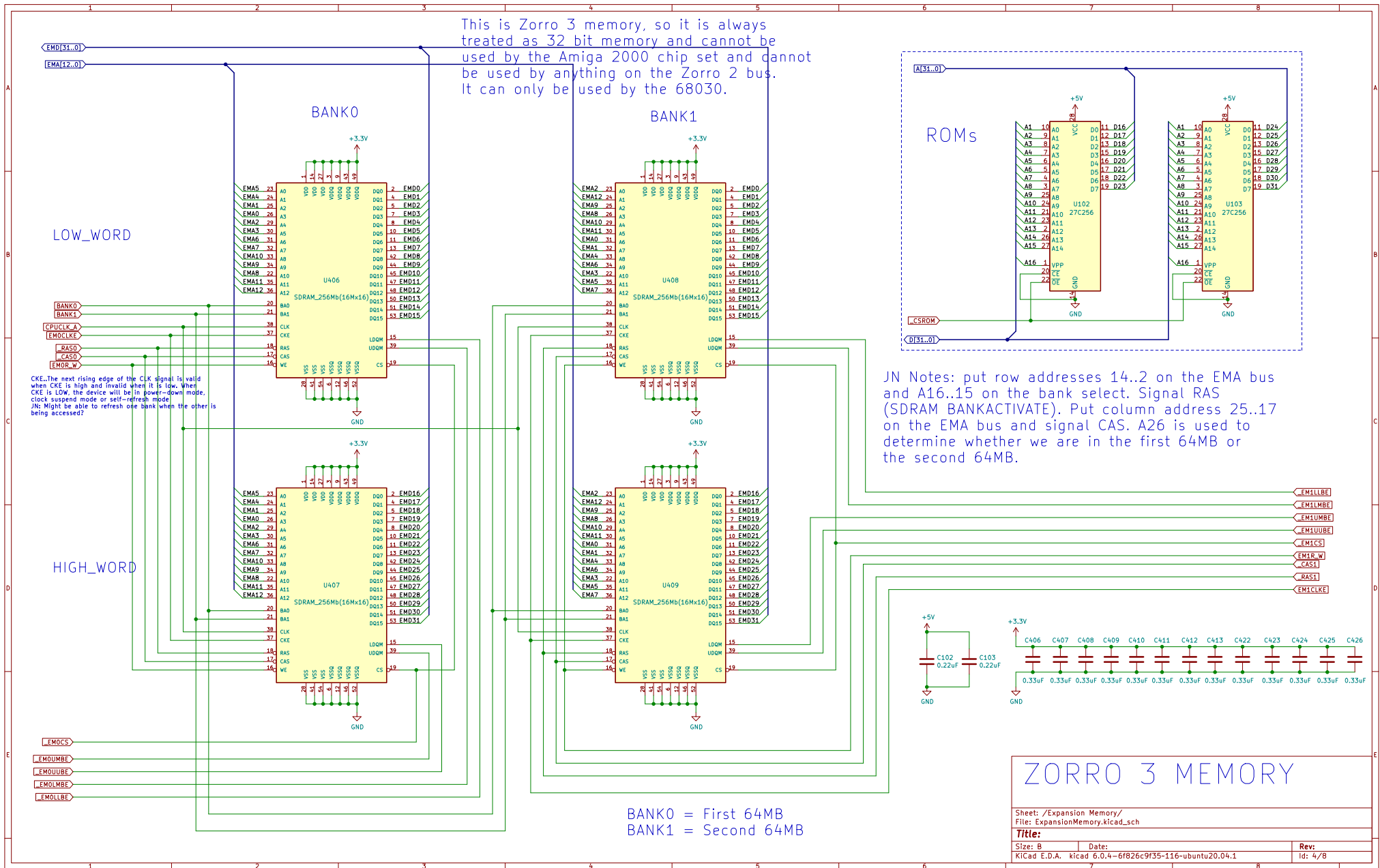
PULL UP/DOWN

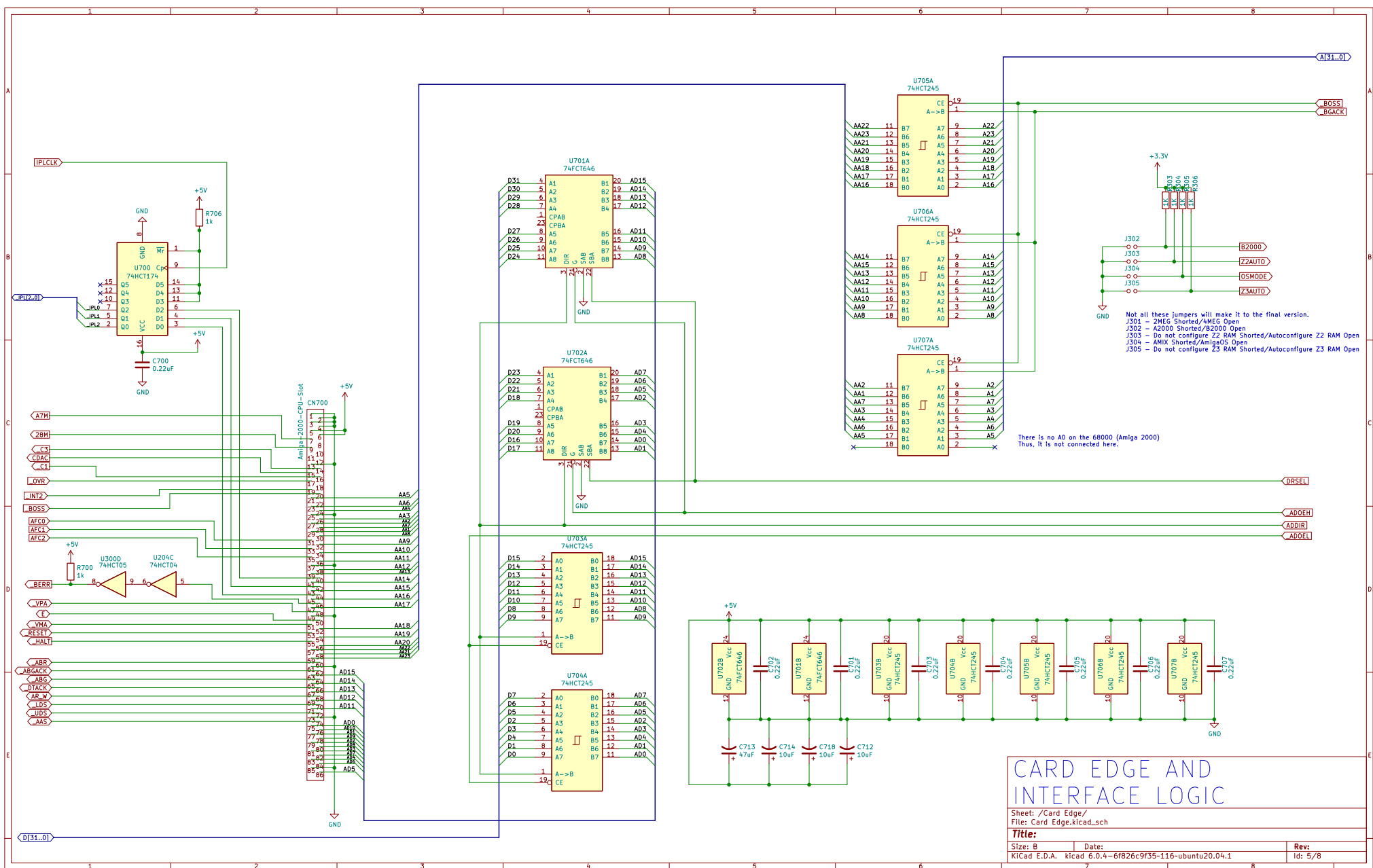


DISCRETE LOGIC STUFF

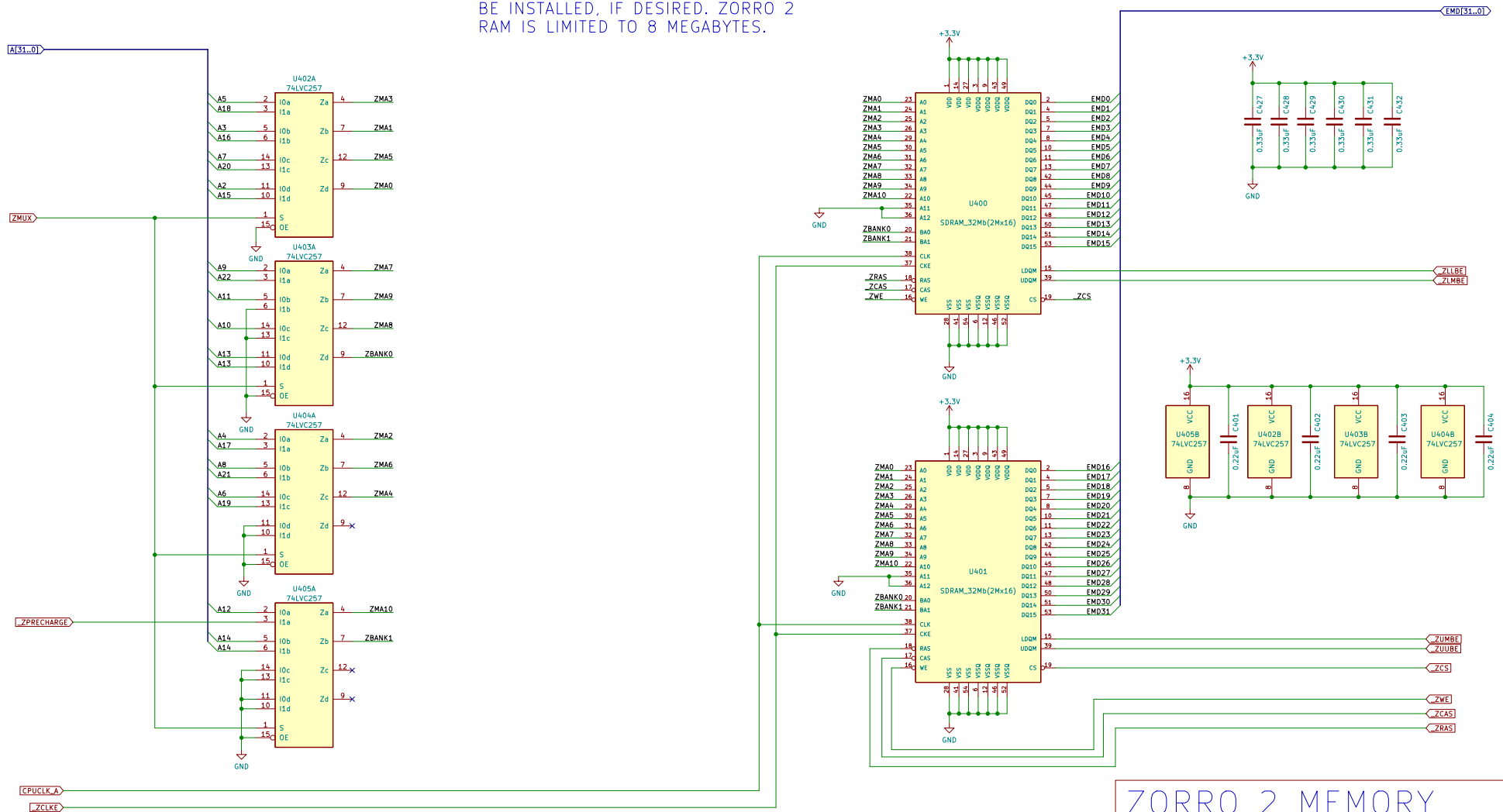
Sheet: /Logic/ File: Logic.kicad_sch		
Title:		
Size: B	Date:	Rev:
KiCad E.O.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1		
Id: 3/8		

This is Zorro 3 memory, so it is always treated as 32 bit memory and cannot be used by the Amiga 2000 chip set and cannot be used by anything on the Zorro 2 bus. It can only be used by the 68030.



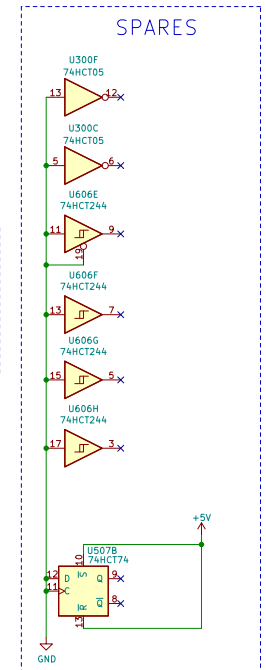
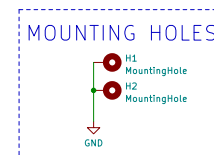
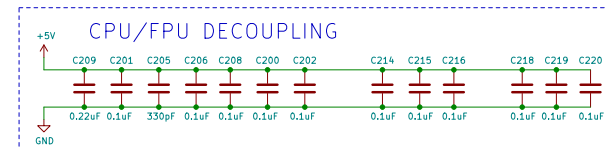
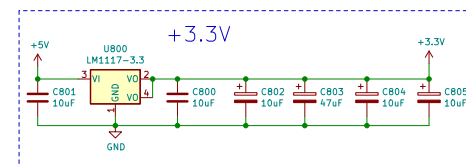
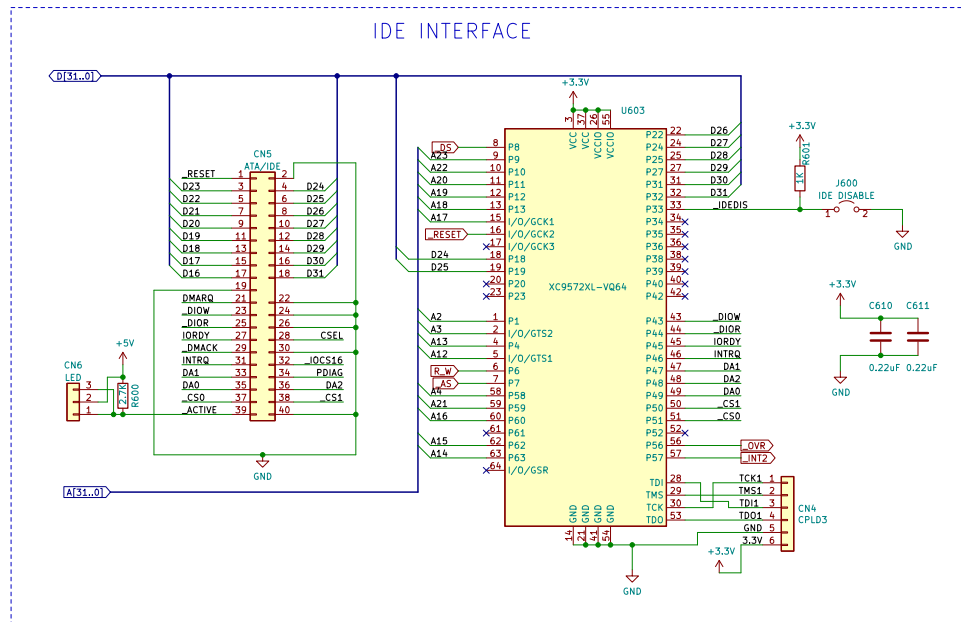


PINS 35 AND 36 OF U400 AND U401 ARE TIED TO GROUND SO LARGER SDRAMs MAY BE INSTALLED, IF DESIRED. ZORRO 2 RAM IS LIMITED TO 8 MEGABYTES.



ZORRO 2 MEMORY

Sheet: /Base Memory/ File: BaseMemory.kicad_sch		
Title:		
Size: B	Date:	Rev:
KiCad E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1		Id: 6/8



```

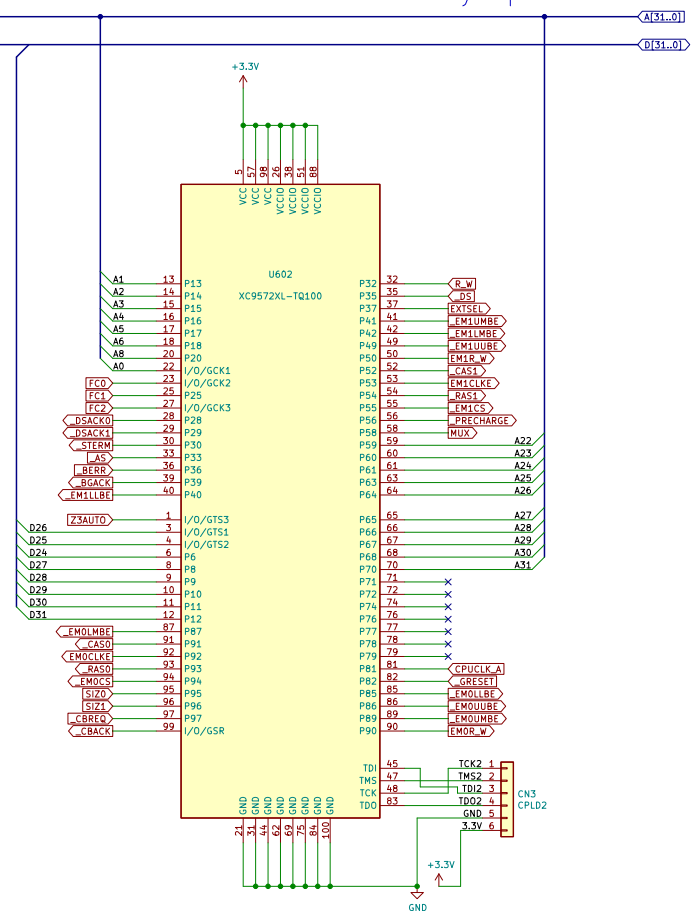
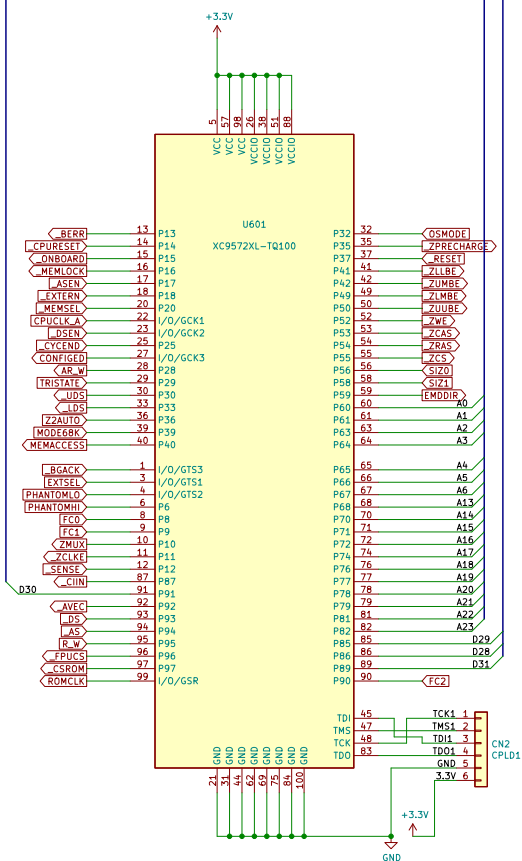
INTENA (enable ide interrupts)
$daa000 (110110101010000000000000)
return $80 (set bit 7 to 1) to enable

GAYLE_ID is at $DE1000
11011110000100000000000000
return $DF (11011111)

```

POWER/SPARES/IDE			
Sheet: /IDE, Power, and Spares/ File: Power.kicad_sch			
Title:			
Size: B	Date:	Rev:	
KiCad E.O.A.	kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1	Id: 7/8	

When A26 is HIGH, we are in the second 64 MB memory space.



```
zorro 3 autoconfig
332222222222211111111100000000000
10987654321098765432109876543210
FF000000
111111110000000000000000000000000000
FF000100
1111111100000000000000000000100000000
FF000004
111111110000000000000000000000000100
FF000104
1111111100000000000000000000100000100
FF000008
111111110000000000000000000000000100
FF000108
1111111100000000000000000000100001000
```

CPLDs

Sheet: /CPLD 1/
File: CPLD1.kicad_sch

Size: B	Date:	Rev:
KICad E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1		Id: 8/8