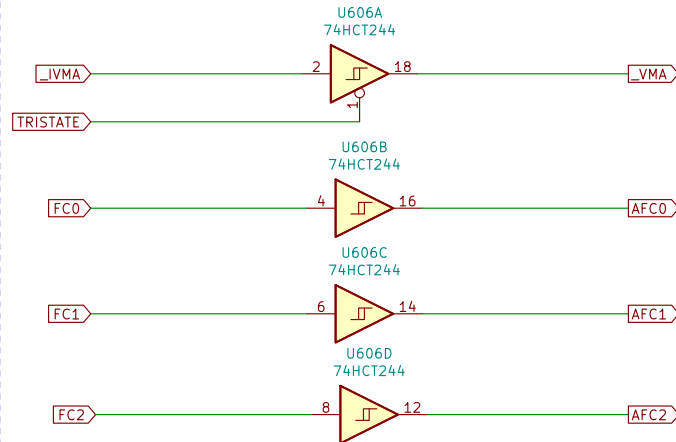
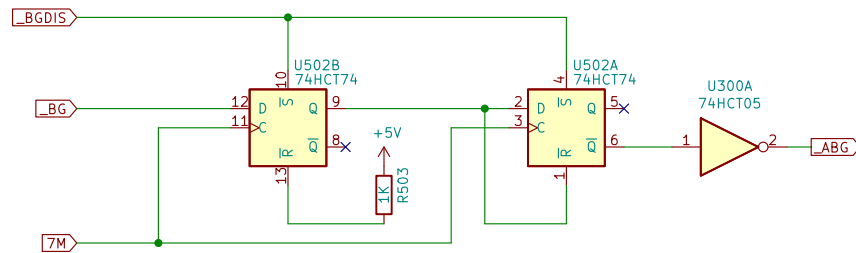


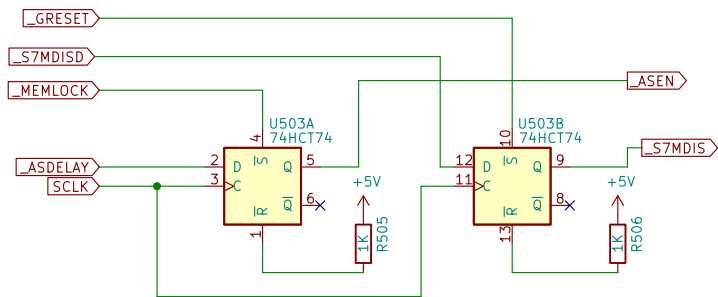
OUTPUT TO AMIGA BUFFER



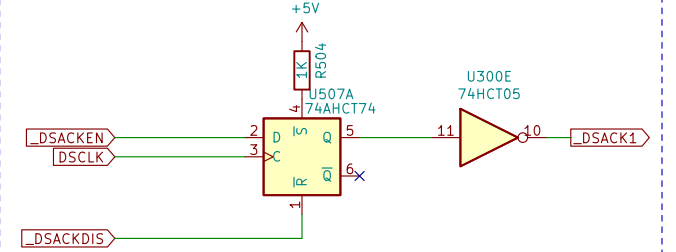
BUS GRANT ENABLE/DISABLE



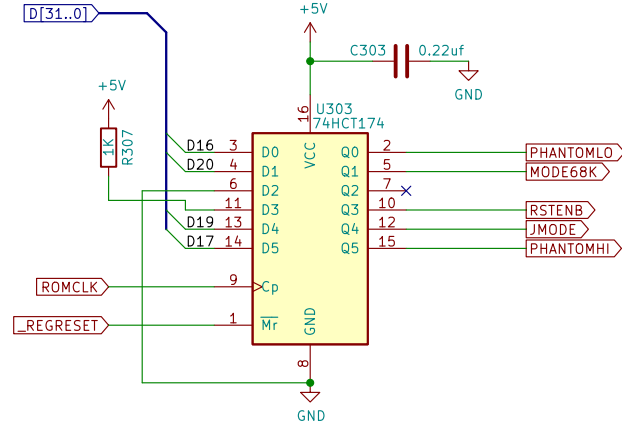
STATE MACHINE



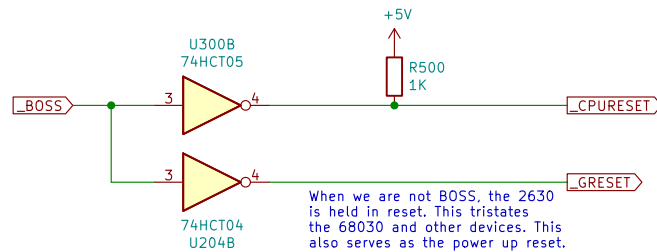
DSACK FOR 16 BIT CYCLES



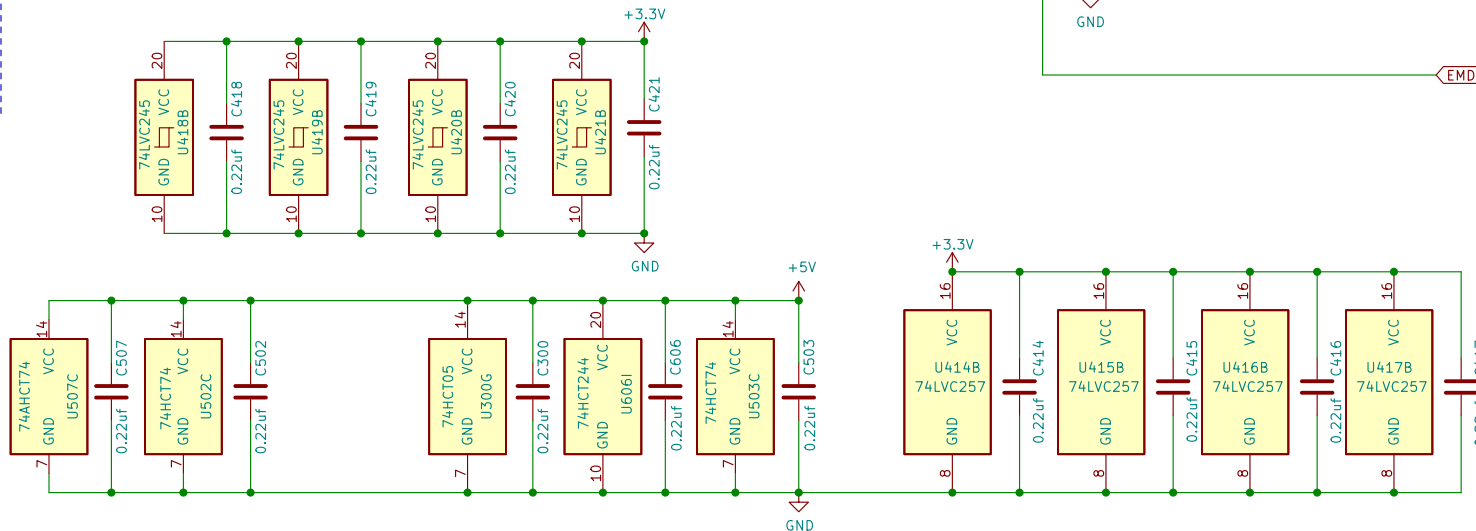
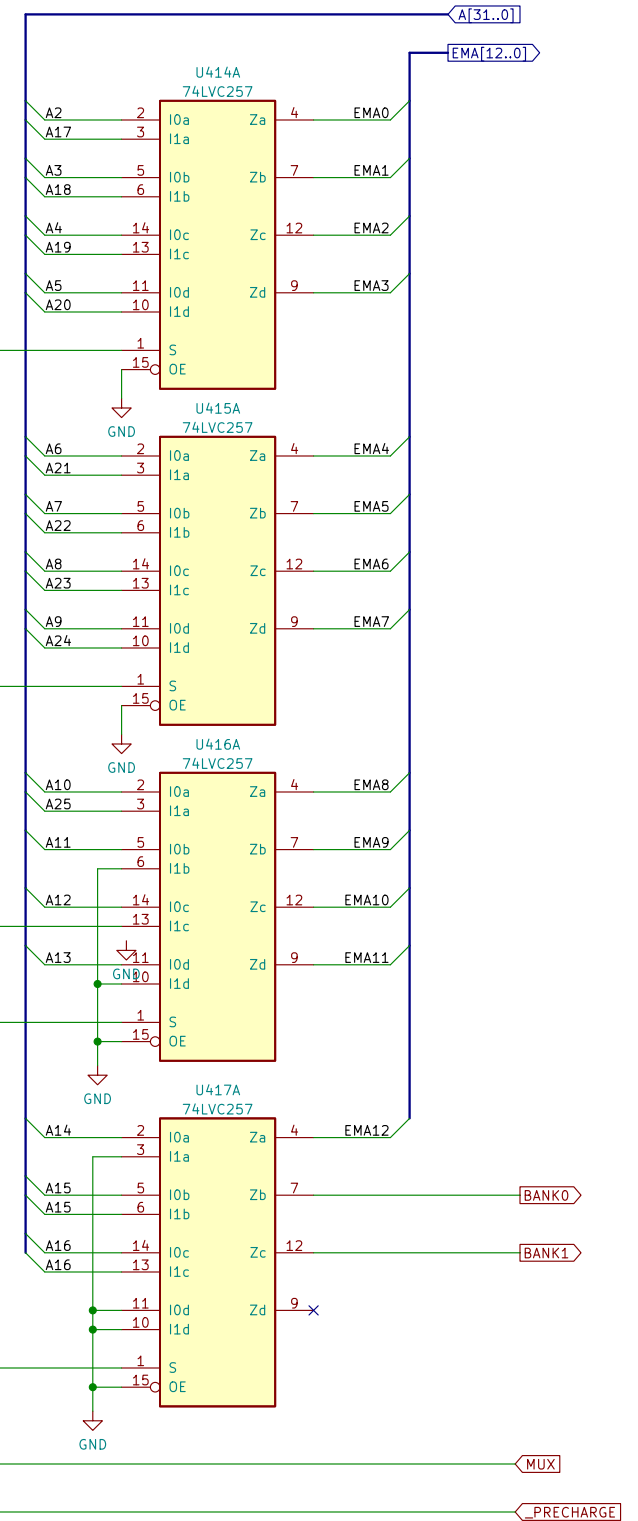
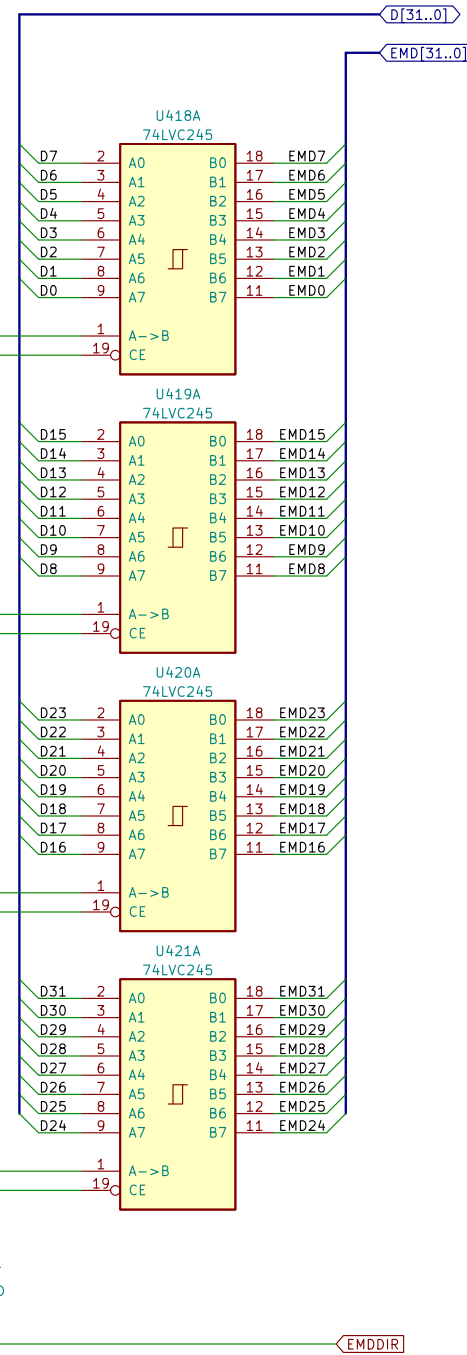
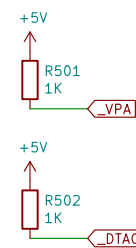
STARTUP ROM CONFIG



RESET



PULL UP/DOWN



DISCRETE LOGIC STUFF

Drawn By: Jason Neus

Sheet: /Logic/

File: Logic.kicad_sch

Title: Amiga N2630

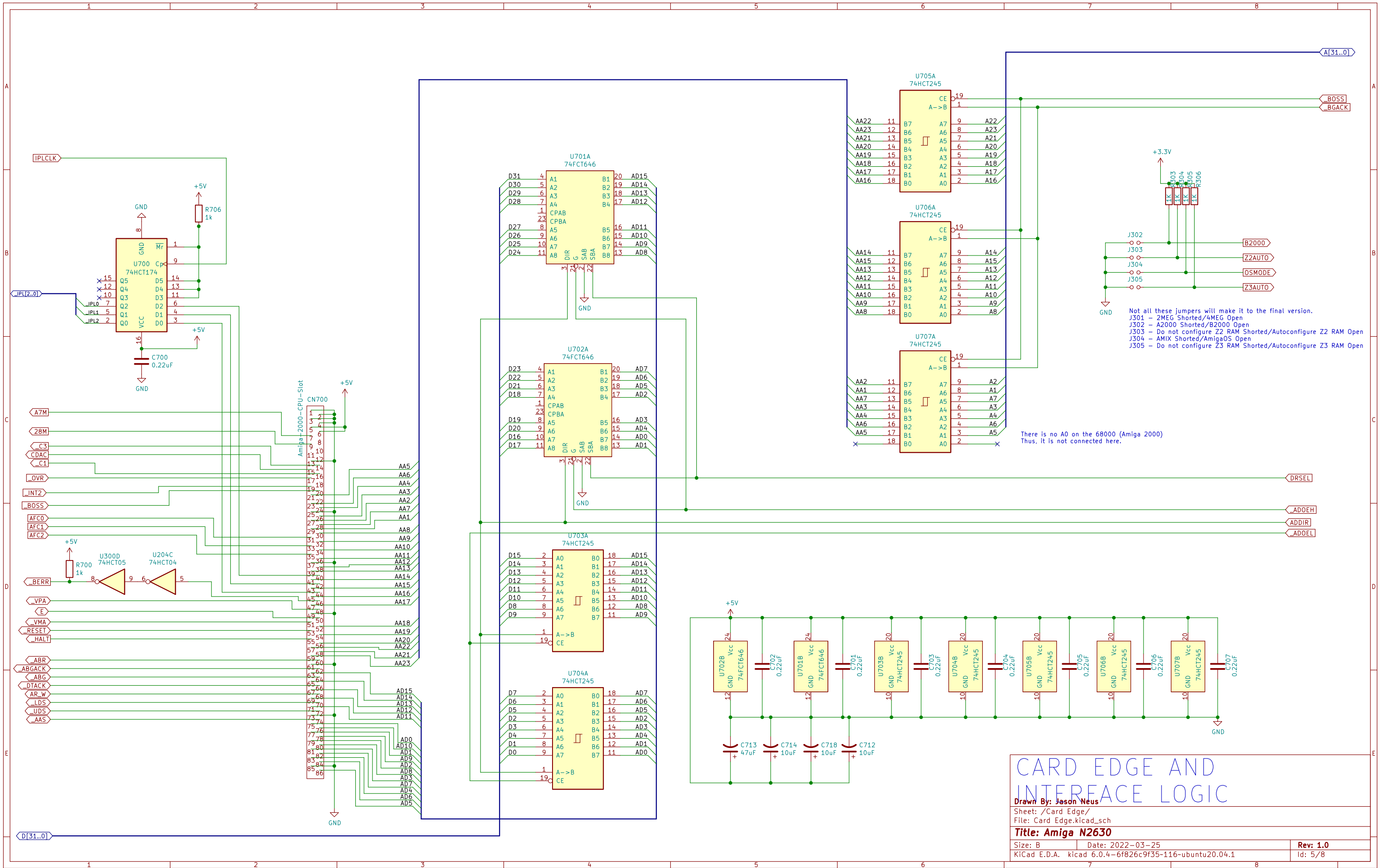
Size: B

Date: 2022-03-25

Rev: 1.0

KiCad E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1

Id: 3/8



Not all these jumpers will make it to the final version.
J301 - 2MEG Shorted/4MEG Open
J302 - A2000 Shorted/B2000 Open
J303 - Do not configure Z2 RAM Shorted/Autoconfigure Z2 RAM Open
J304 - AMIX Shorted/AmigaOS Open
J305 - Do not configure Z3 RAM Shorted/Autoconfigure Z3 RAM Open

There is no A0 on the 68000 (Amiga 2000)
Thus, it is not connected here.

CARD EDGE AND INTERFACE LOGIC

Drawn By: Jason Neus

Sheet: /Card Edge/

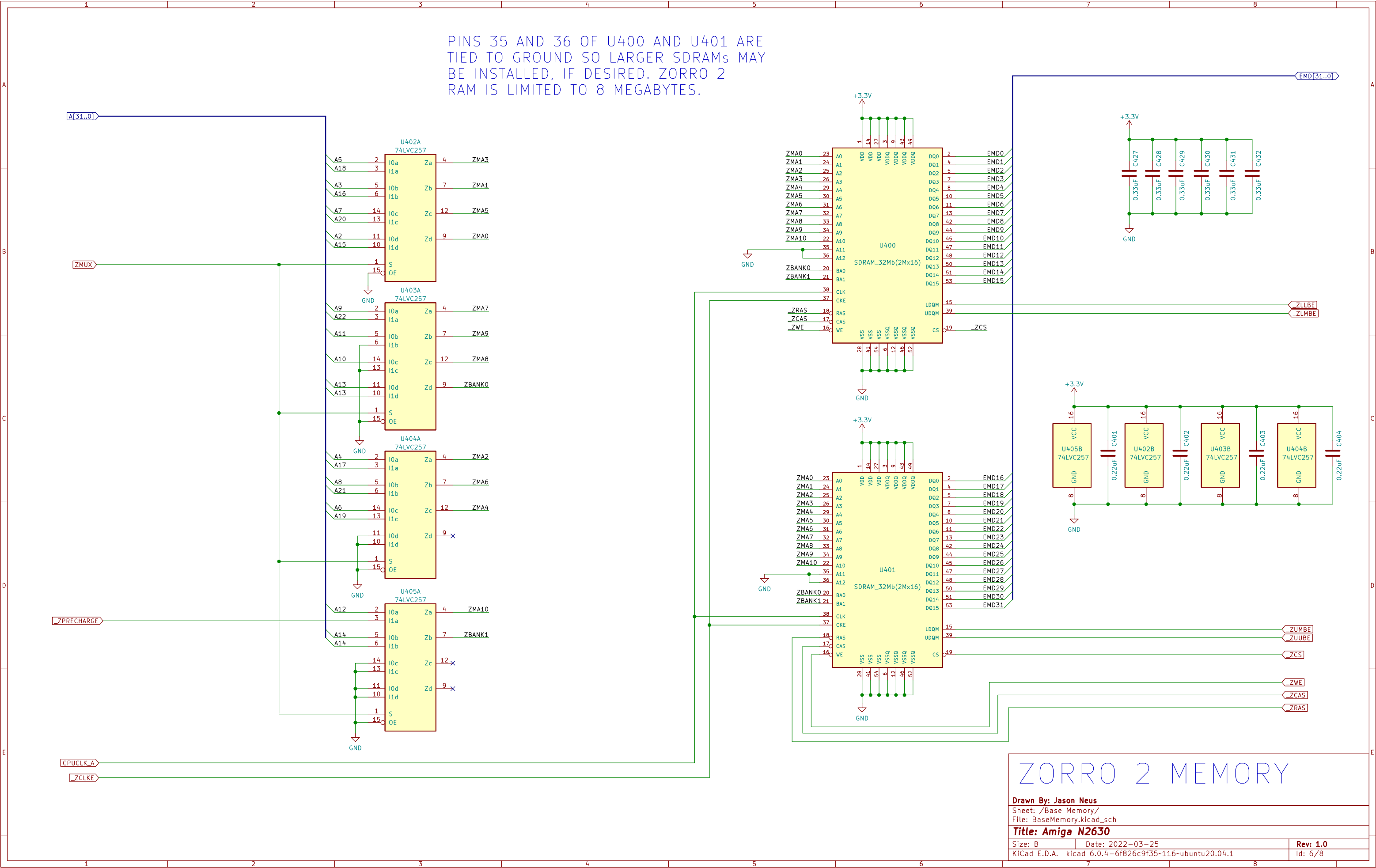
File: Card Edge.kicad_sch

Title: Amiga N2630

Size: B Date: 2022-03-25
KiCad E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1

Rev: 1.0
Id: 5/8

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.

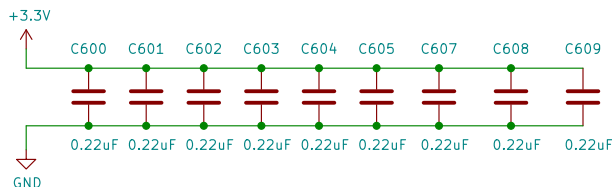
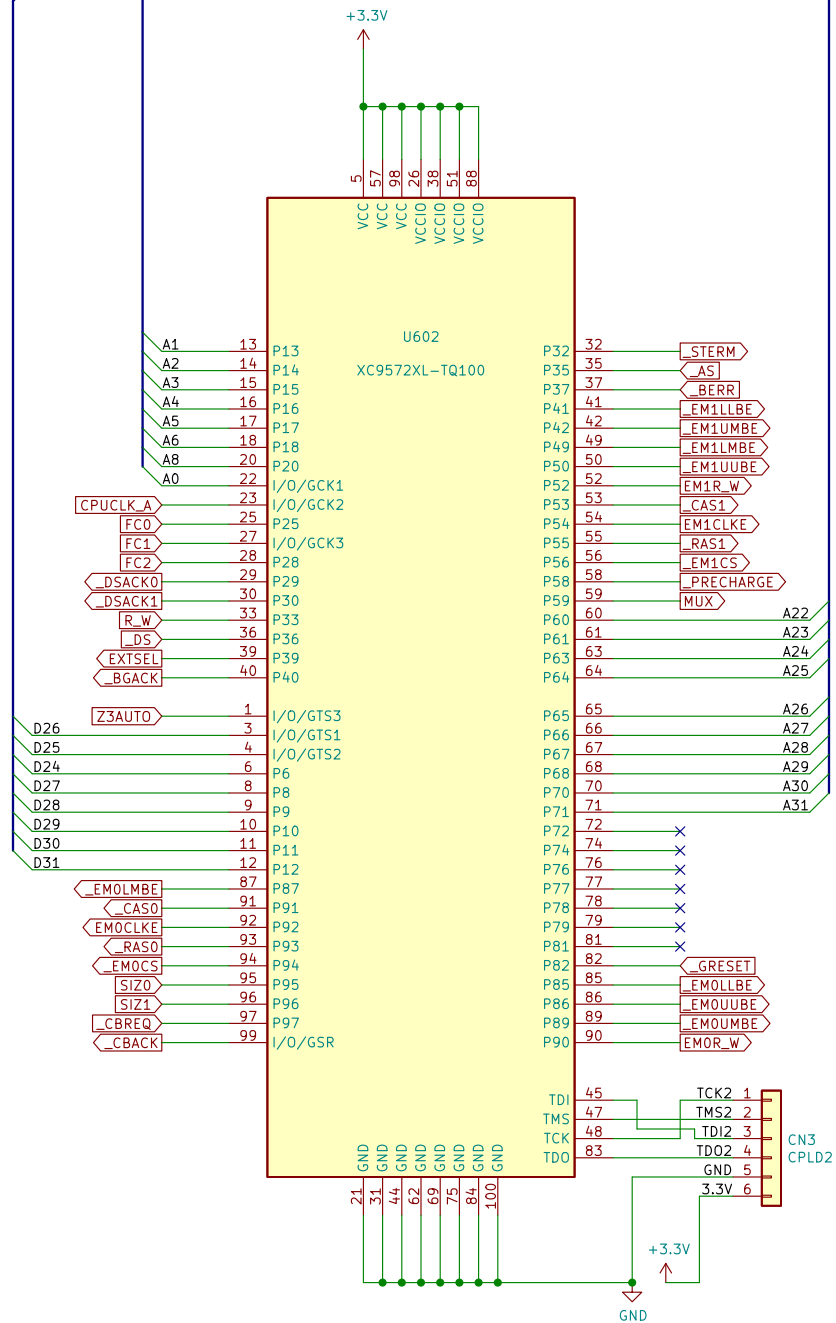
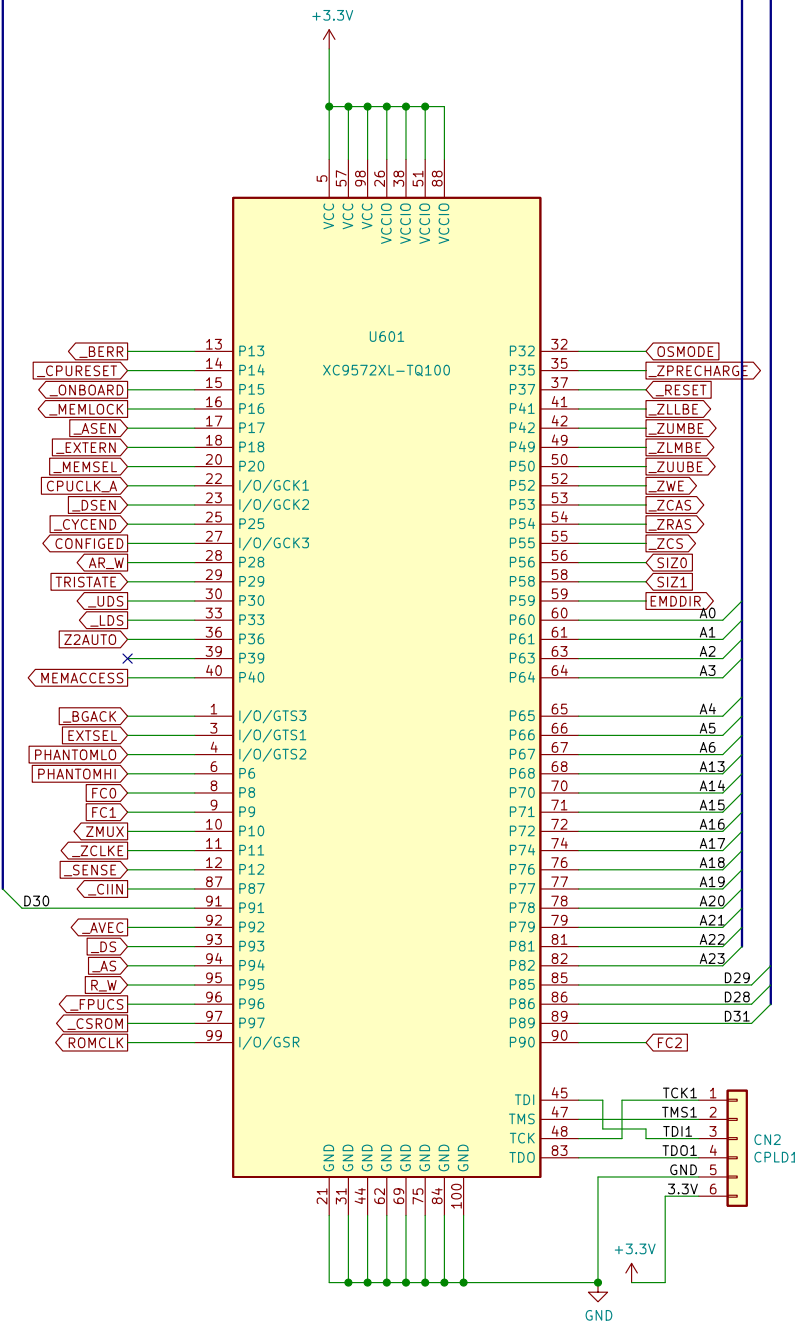
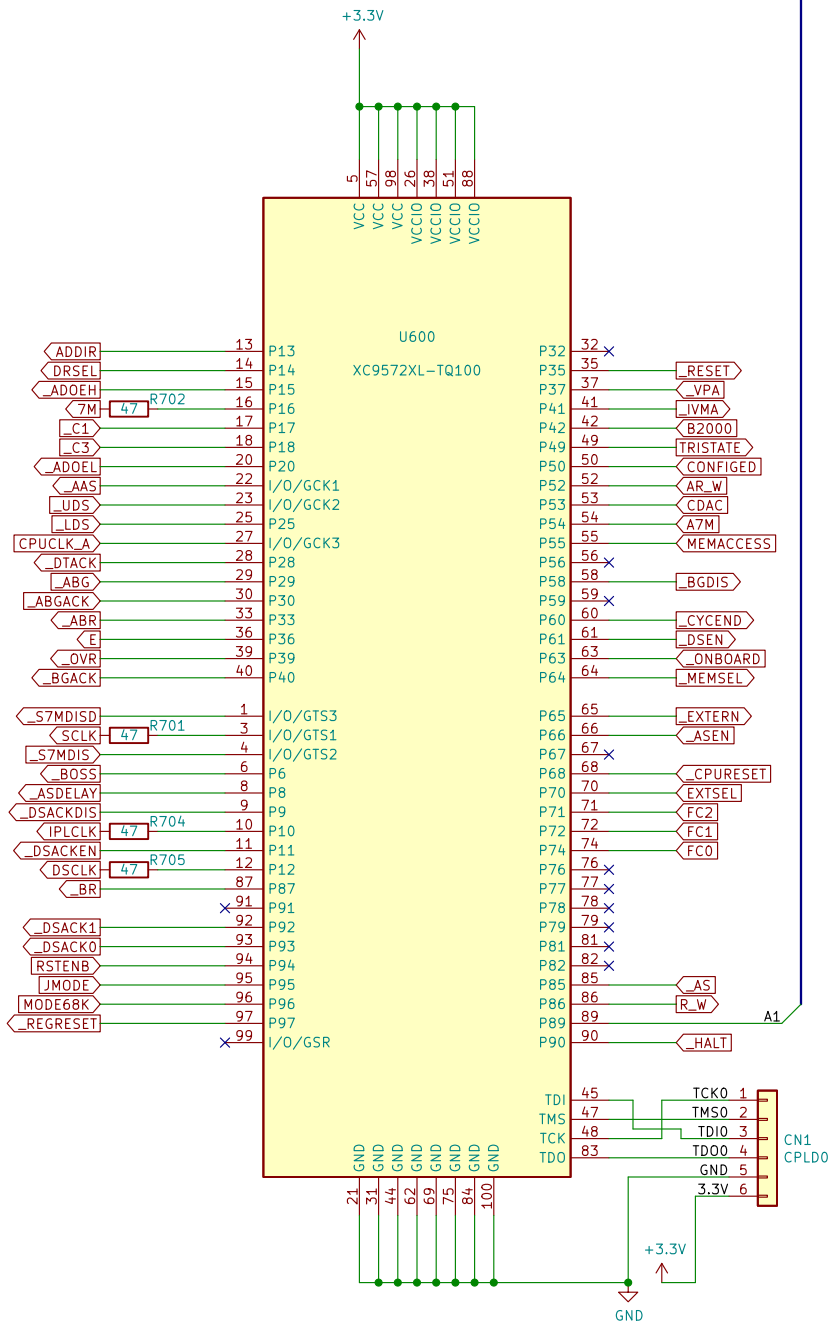


ZORRO 2 MEMORY

Drawn By: Jason Neus		
Sheet: /Base Memory/		
File: BaseMemory.kicad_sch		
Title: Amiga N2630		
Size: B	Date: 2022-03-25	Rev: 1.0
KiCad E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1		Id: 6/8

U600,601,602 PINOUTS ARE DIFFERENT
FROM REV 0!!!

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



zorro 3 autoconfid

332222222221111111110000000000
10987654321098765432109876543210

```
FF000000
11111111 000000000000000000000000
FF000100
11111111 00000000000000000100000000
FF000004
11111111 0000000000000000000000001000
FF000104
11111111 00000000000000000100000100
FF000008
11111111 0000000000000000000000001000
FF000108
11111111 00000000000000000100010000
```

CPLDs

Drawn By: Jason Neus

Sheet: /CPID 1/

Title: Amiga N2630

Size: B

Date: 2022-03-25

Rev: 1.0

KiCad E.D.A. kicad 6.0.4-6f826c9f35~116~ubuntu20.04.1

Id: 8/8