

AMIGA N2630

Sheet: /
File: N2360.kicad_sch

Title: **Amiga N2630**

Size: B Date: 2022-09-09 Rev: **2.3**

KiCad E.D.A. kicad 6.0.7-f9a2dced07-116-ubuntu20.04.1 Id: 1/8

Jumper	Description	1-2	2-3
J201	CPU Clock	28MHz	X1* (25MHz)
J202	FPU Clock	X1* (25MHz)	X2

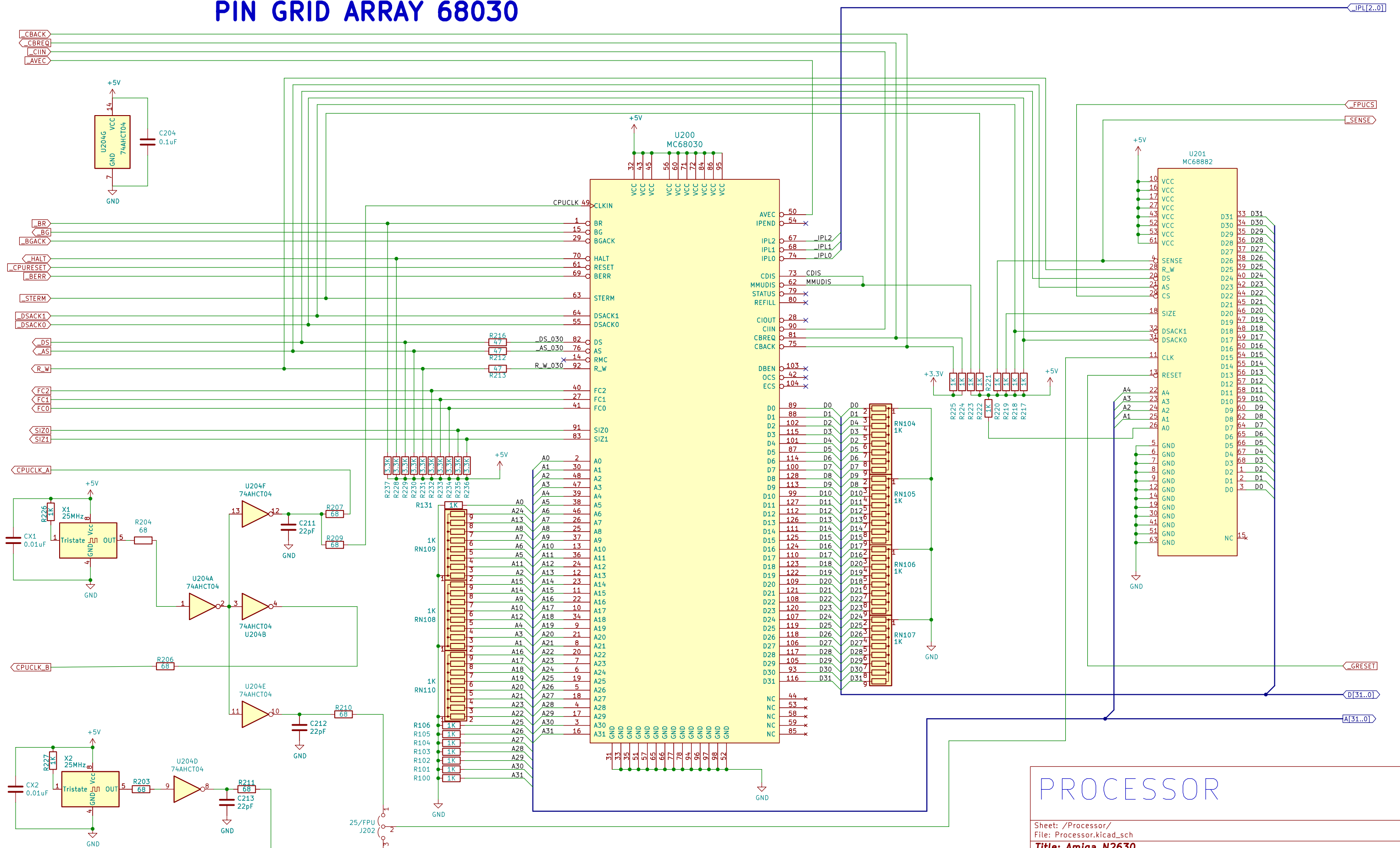
Jumper	Description	Shorted	Open
J302	Amiga Version	A2000	B2000
J303	Zorro 2 RAM	Disable	Enable
J304	OS Mode	Unix	Amiga OS
J305	Zorro 3 RAM	Disable	Enable
J404	Zorro 2 4/8MB	4MB	8MB
J600	IDE	Disable	Enable

Zorro 3 RAM (MB)	SDRAM SIZE	U406	U407	U408	U409	J400	J401	J402
16	4MX16	YES	YES	NO	NO	Open	Open	Open
32	4MX16	YES	YES	YES	YES	Shorted	Open	Shorted
32	8MX16	YES	YES	NO	NO	Open	Open	Shorted
64	8MX16	YES	YES	YES	YES	Shorted	Shorted	Open
64	16MX16	YES	YES	NO	NO	Open	Shorted	Open
128	16Mx16	YES	YES	YES	YES	Shorted	Shorted	Shorted
128	32MX16	YES	YES	NO	NO	Open	Shorted	Shorted
256	32MX16	YES	YES	YES	YES	Shorted	Open	Open

JUMPER SETTINGS

Sheet: /Jumpers/ File: jumpers.kicad_sch		
Title:		
Size: B	Date: 2022-09-09	Rev: 2.3
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PIN GRID ARRAY 68030



PROCESSOR

Sheet: /Processor/

File: Processor.kicad_sch

Title: Amiga N2630

Size: B

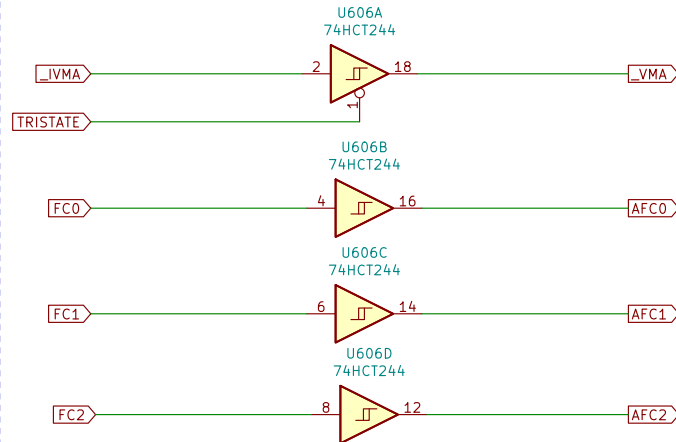
Date: 2022-09-09

Rev: 2.3

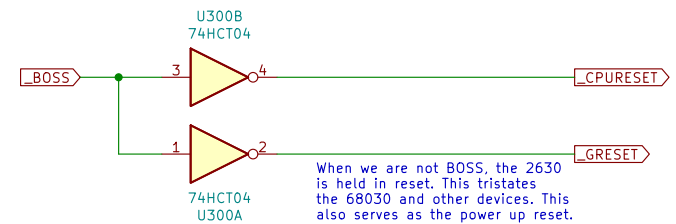
Size: 5	Date: 2022-09-09
KiCad E.D.A. kicad 6.0.7-f9a2dced07~116~ubuntu20.04.1	

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OUTPUT TO AMIGA BUFFER

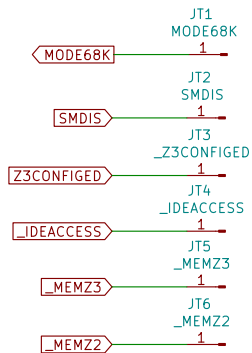
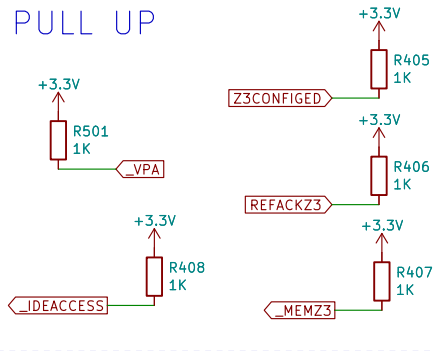


RESET

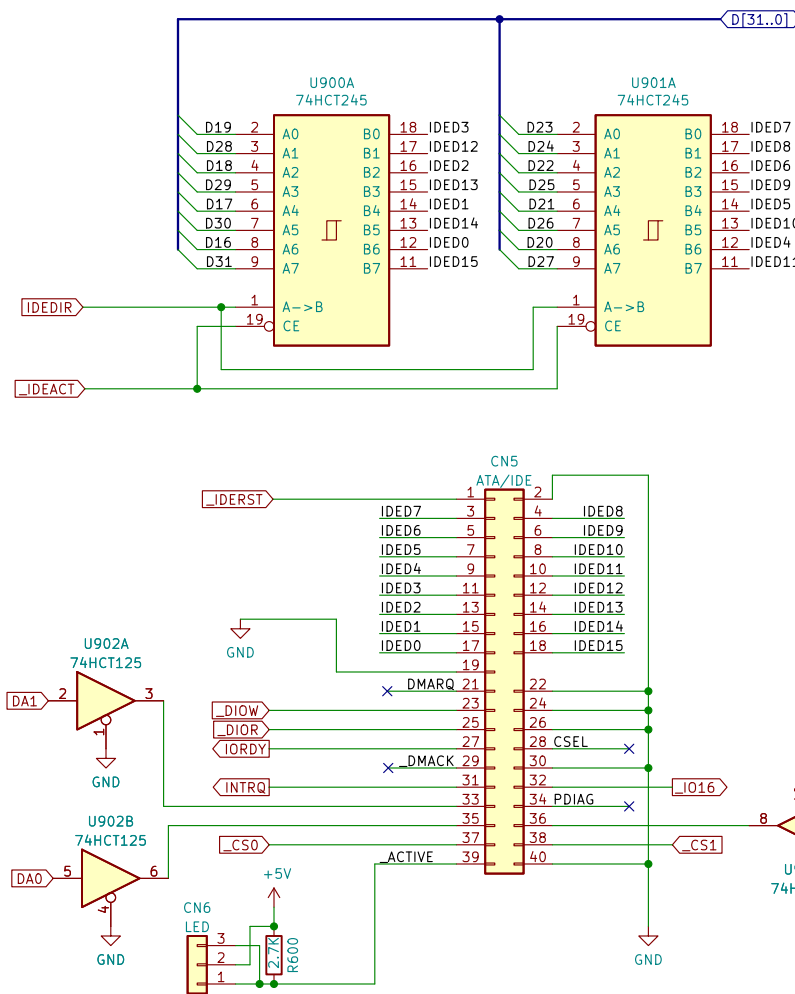


Zorro 3 SDRAM Clock Phase

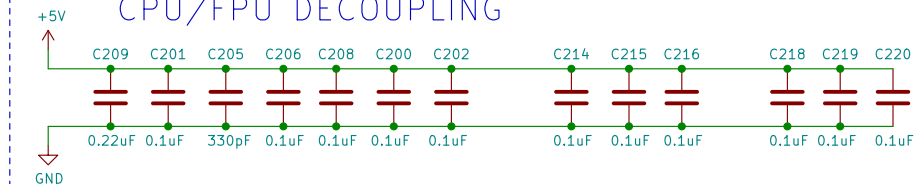
PULL UP



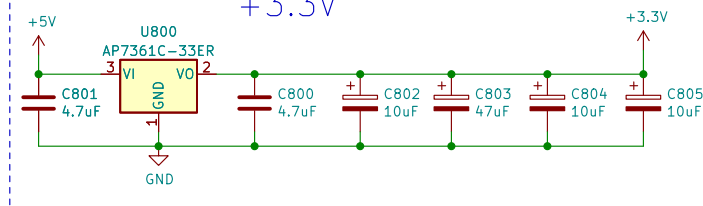
IDE INTERFACE



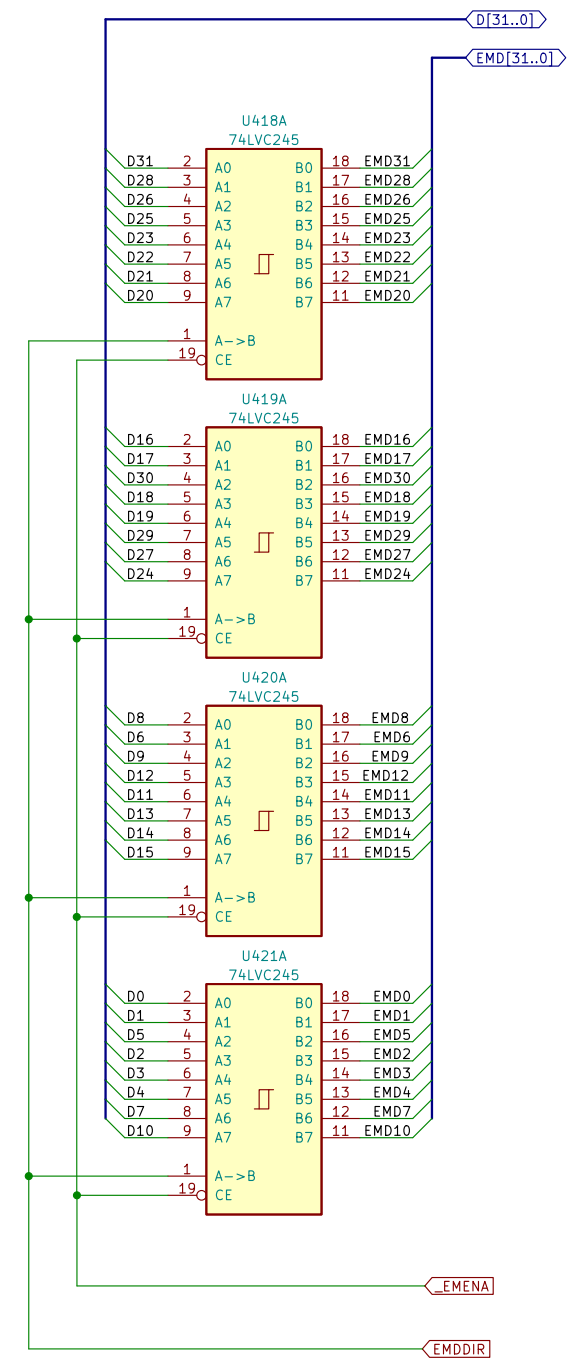
CPU/FPU DECOUPLING



+3.3V



SDRAM BUFFERS



LOGIC, IDE, POWER

Sheet: /Logic, IDE, Power/

File: Logic.kicad_sch

Title: Amiga N2630

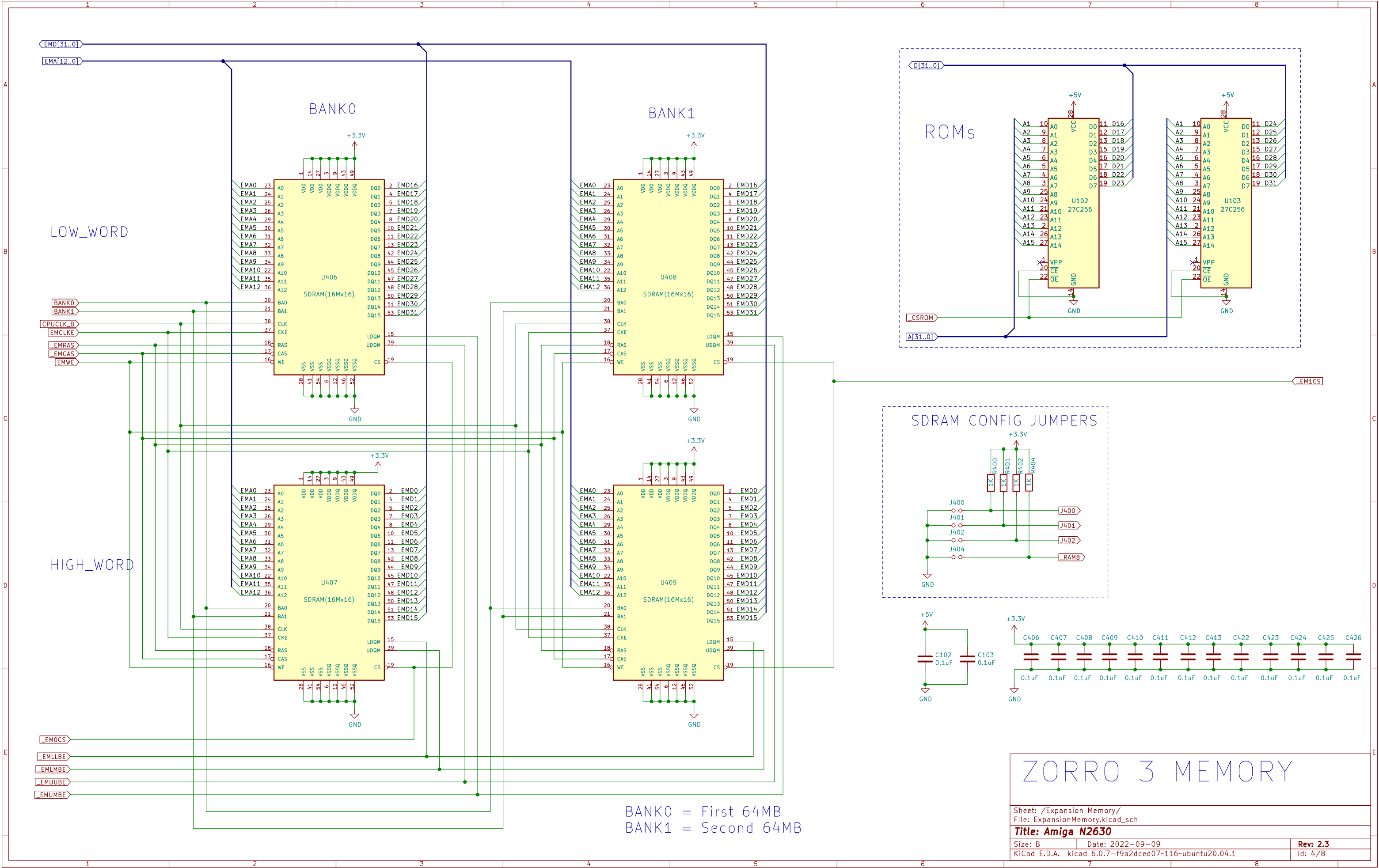
Size: B

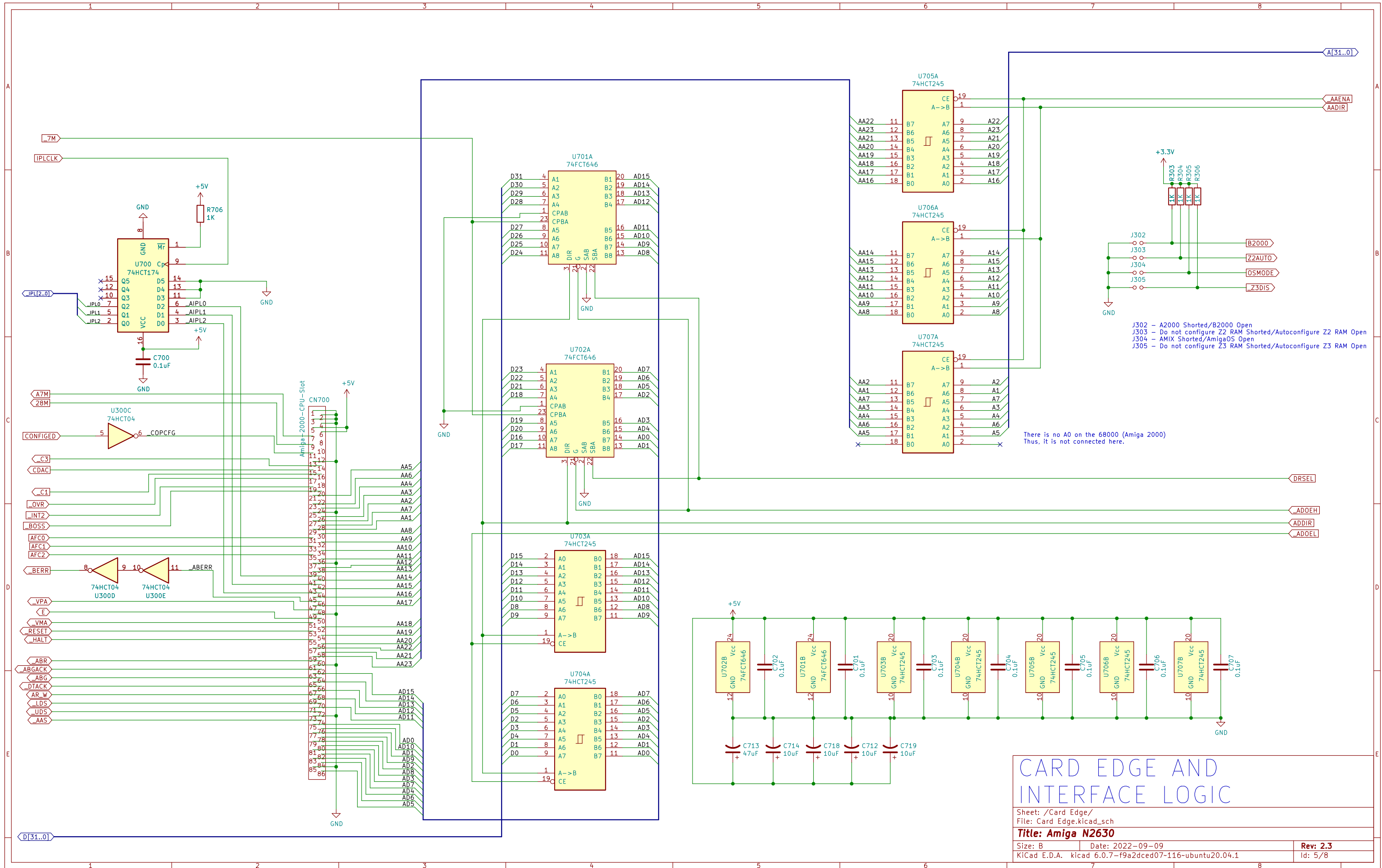
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J302 - A2000 Shorted/B2000 Open
J303 - Do not configure Z2 RAM Shorted/Autoconfigure Z2 RAM Open
J304 - AMIX Shorted/AmigaOS Open
J305 - Do not configure Z3 RAM Shorted/Autoconfigure Z3 RAM Open

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

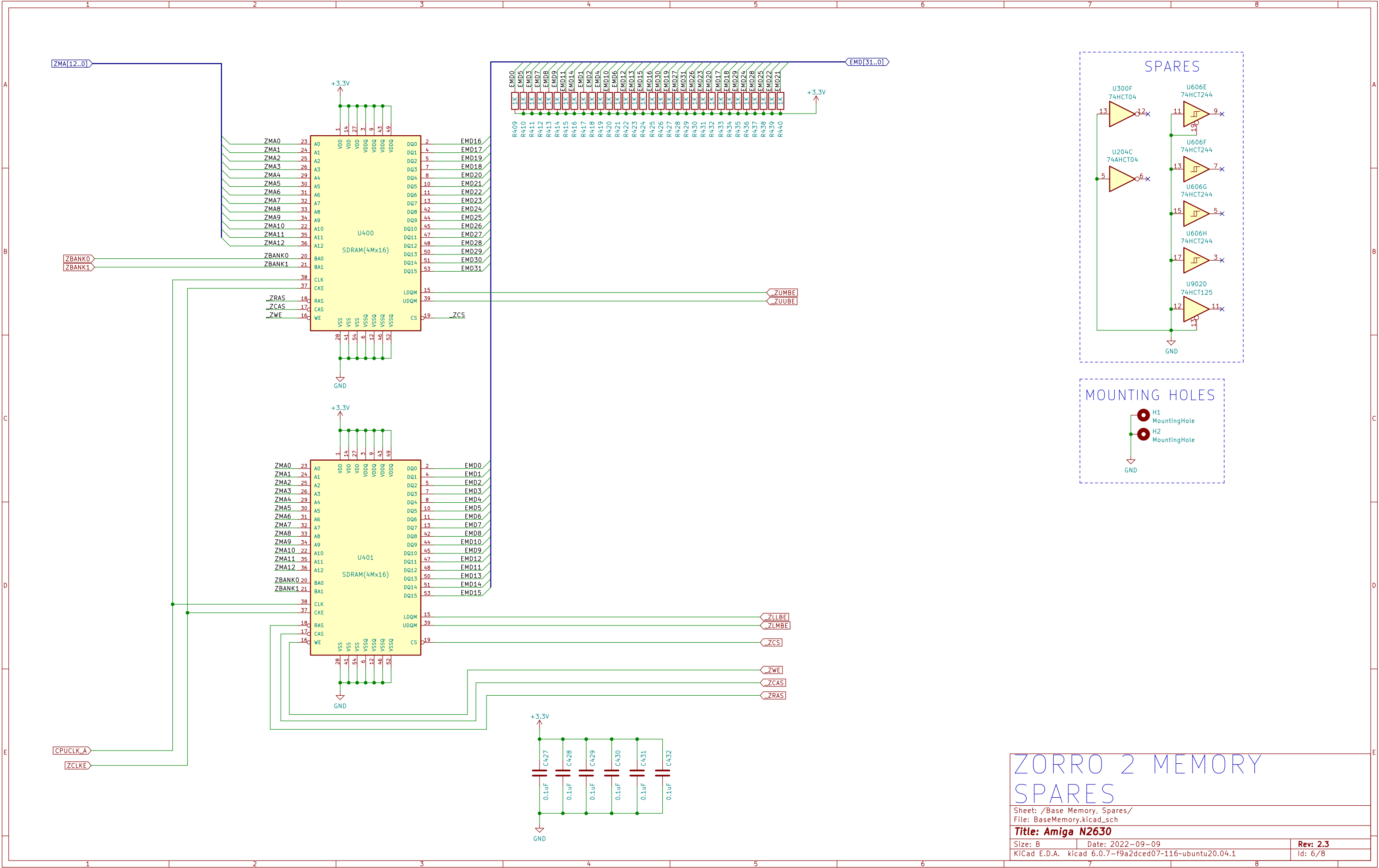
CARD EDGE AND INTERFACE LOGIC

Sheet: /Card Edge/
File: Card Edge.kicad_sch

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ZORRO 2 MEMORY SPARES

Sheet: /Base Memory, Spares/
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