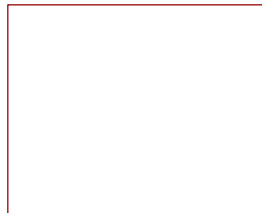
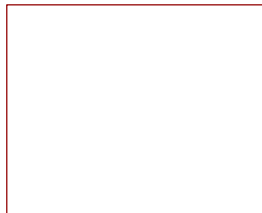


Termination & Connectors



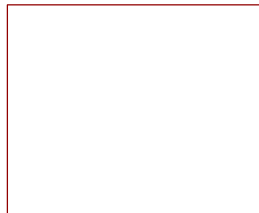
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SCSI-2 Controller



File: scsi2.kicad\_sch

Zorro III bus



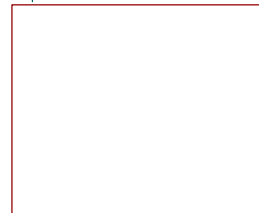
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CPLD



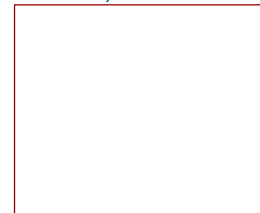
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Caps & Power



File: power.kicad\_sch

Flash memory



File: flash.kicad\_sch

# Amiga 4092 SCSI-2 Host Controller

Advanced SCSI II Controller Board

This Zorro III board is based on the A4091 which was designed and sold by Commodore and DKB Software.

Features:

- Boot ROM
- NCR 53C710 SCSI II controller
- 50 pin internal connector
- 50 pin external SCSI2 connector
- Active SCSI termination
- Zorro III bus support

Caveats:

- Requires Buster 11
- Does not work with with A3640 Rev 3.0
- No RAM option
- No wide SCSI support

The Commodore A4091 was reverse-engineered by Stefan Reinauer and Chris Hooper.

GitHub Project:

<https://github.com/A4091/>

Schematics:

[https://github.com/A4091/a4091-hardware/blob/main/schematics/ReA4091\\_Rev4\\_2023-05-15\\_Schematic.pdf](https://github.com/A4091/a4091-hardware/blob/main/schematics/ReA4091_Rev4_2023-05-15_Schematic.pdf)

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Sheet: /

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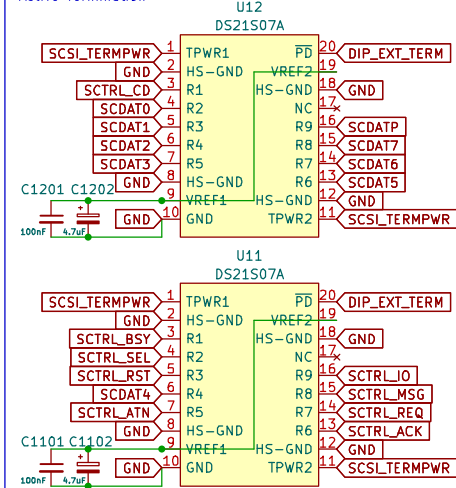
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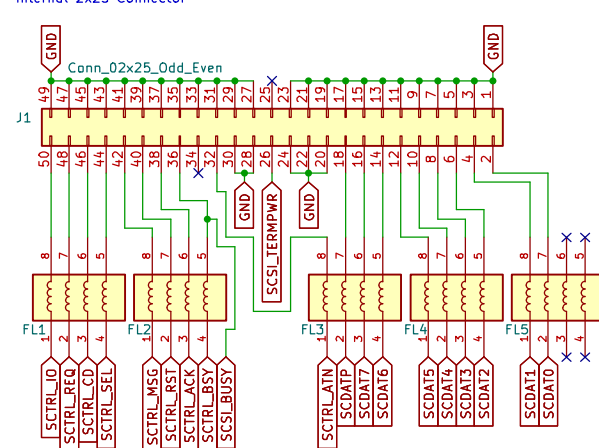
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Rev: PROT00

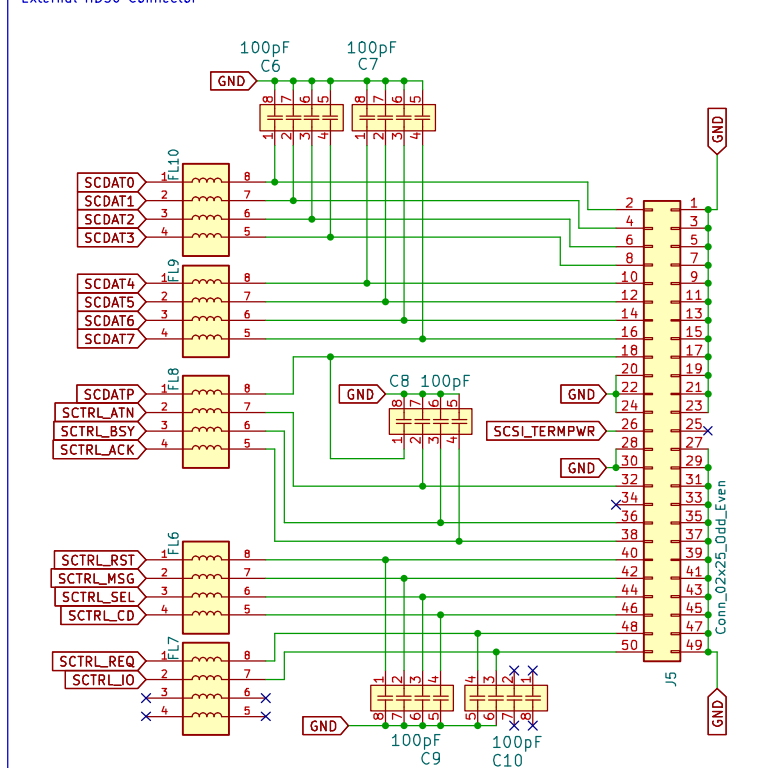
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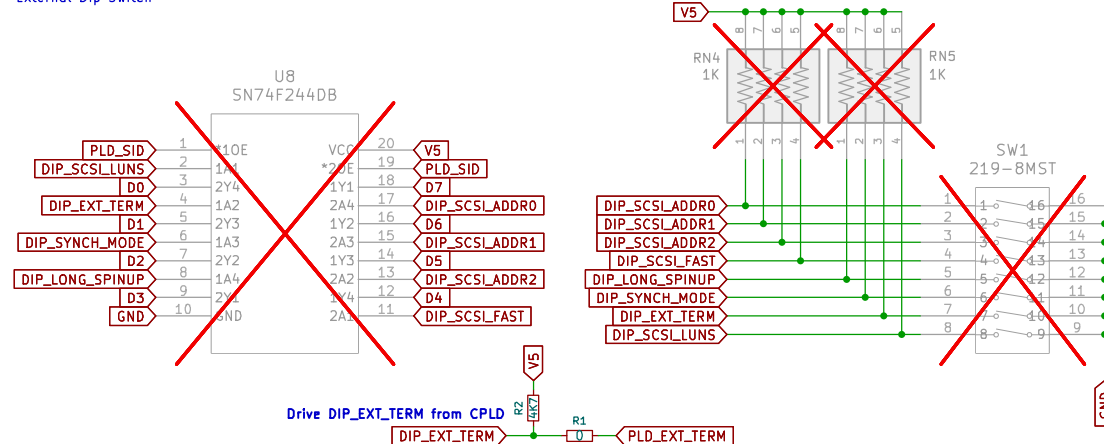
Internal 2x25 Connector



### External HD50 Connector



### External Dip Switch



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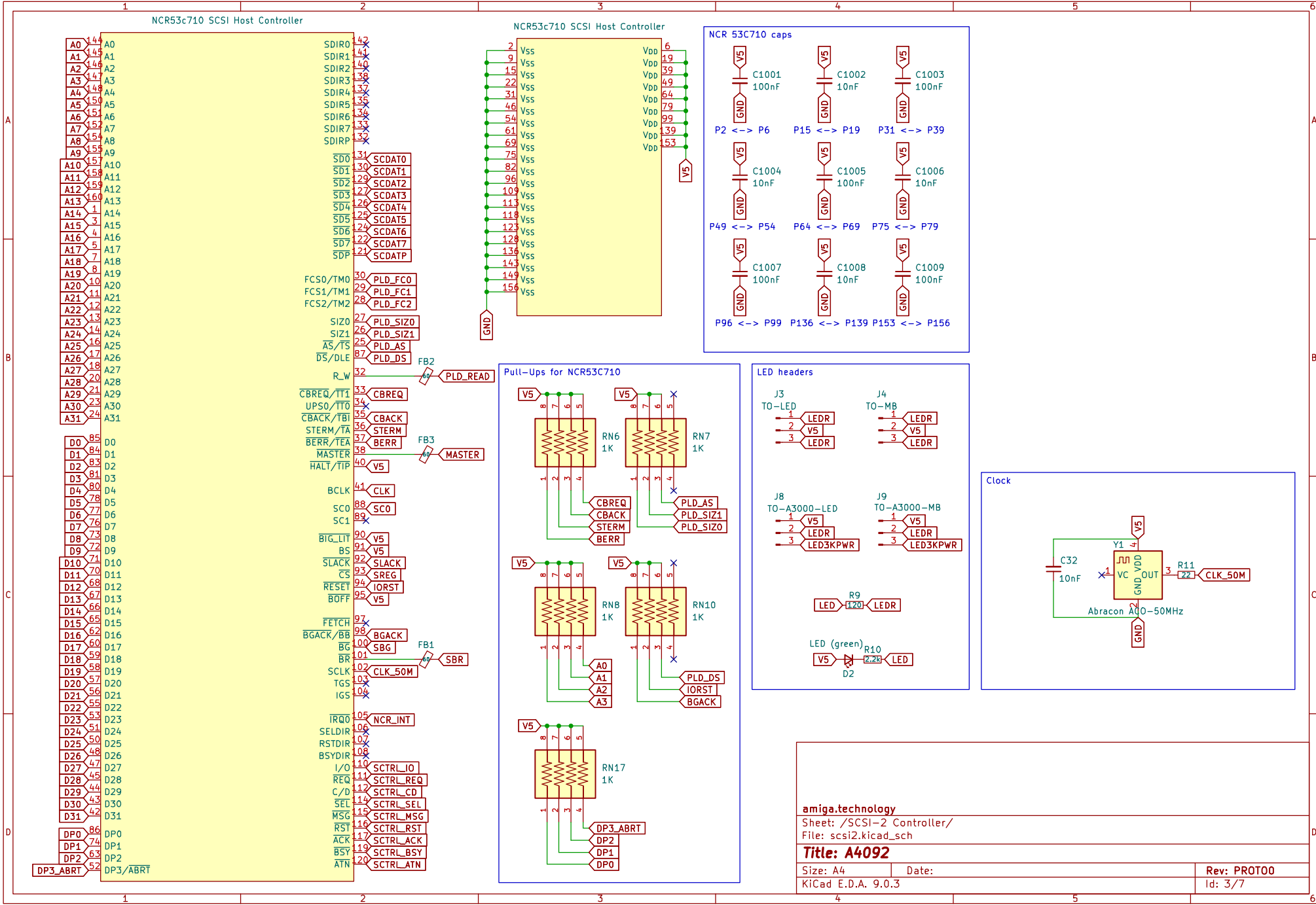
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Rev: PROT00
Id: 2/7



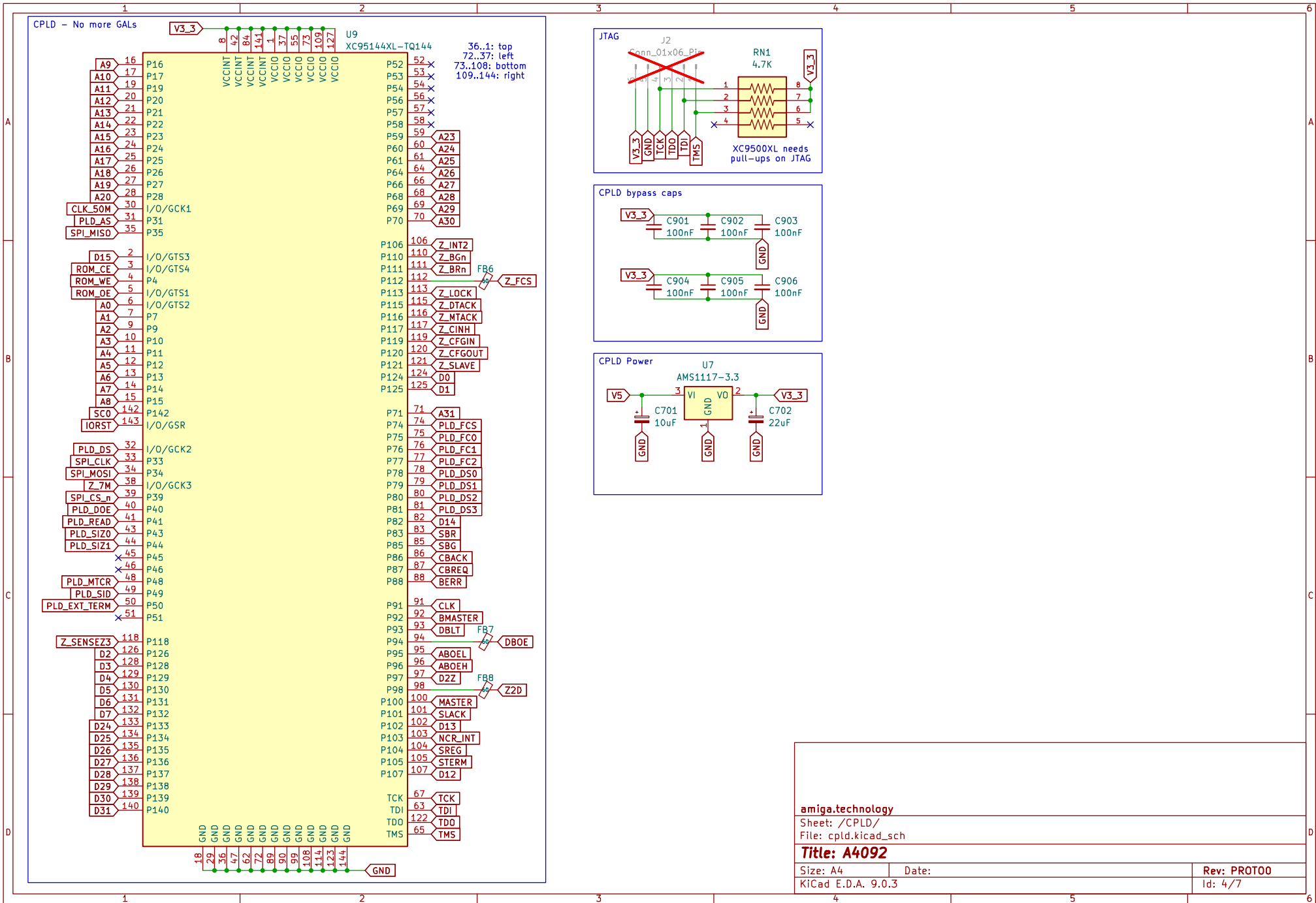
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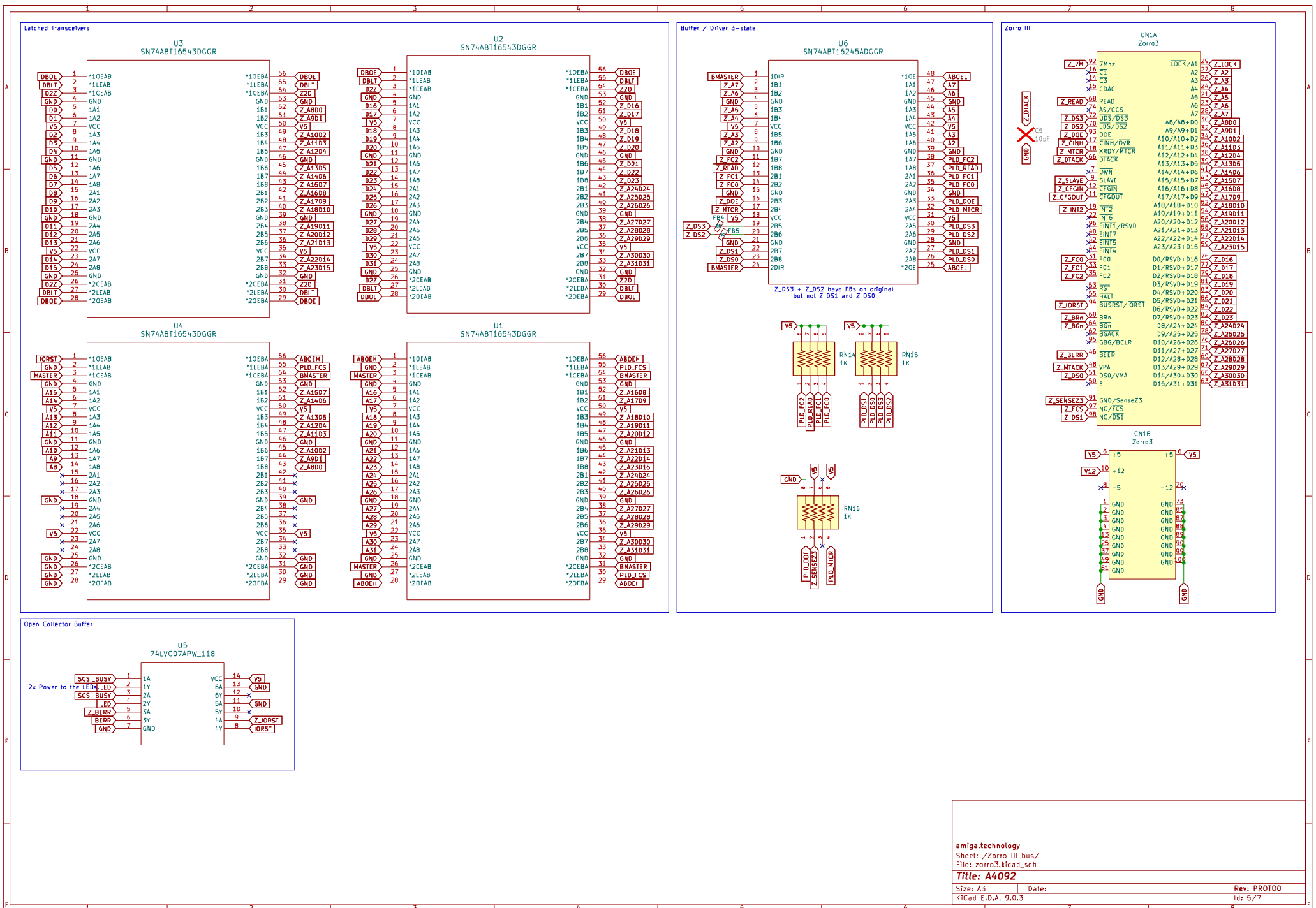
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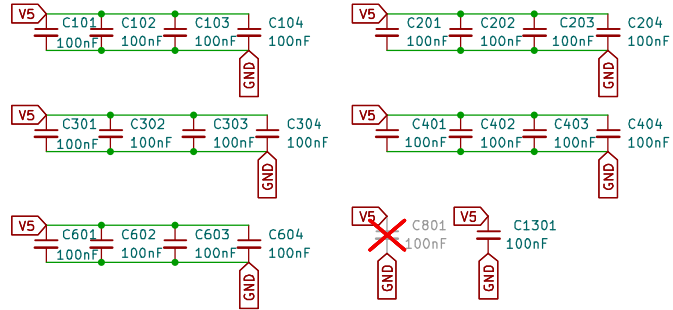
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Rev: PROTO0  
Id: 3/7

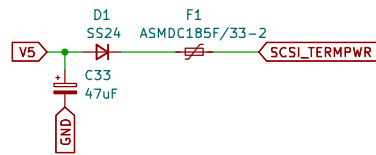




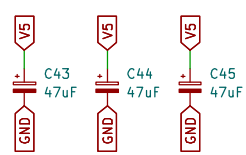
# Discrete IC bypass caps



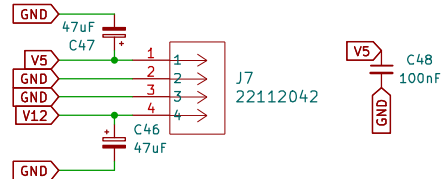
# SCSI termination power



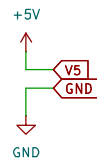
# Bulk Power



# Power Connector



# Power



# Fiducials



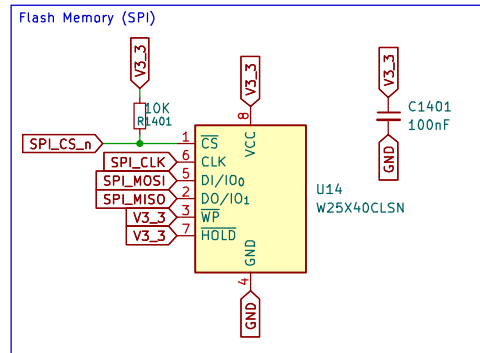
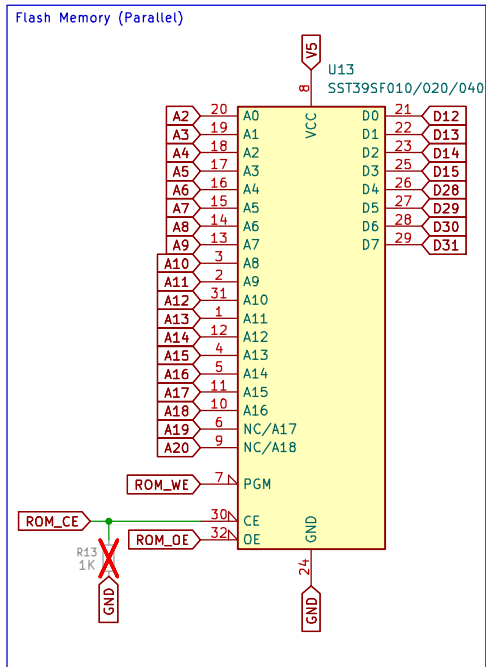
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Size: A4 Date:  
KiCad E.D.A. 9.0.3

Rev: PROT00  
Id: 6/7



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Sheet: /Flash memory/

File: flash.kicad\_sch

**Title: A4092**

Size: A4

Date:

KiCad E.D.A. 9.0.3

Rev: PROT00

Id: 7/7