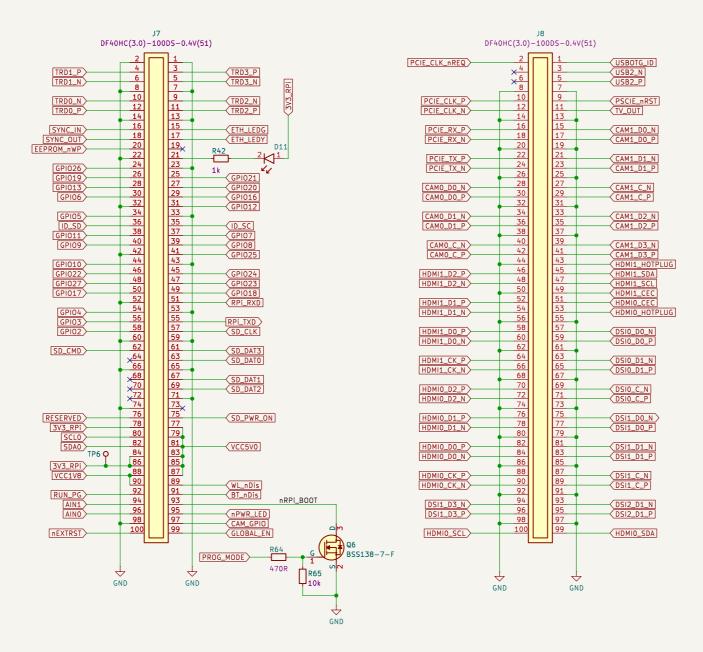


# Raspberry CM4 connector







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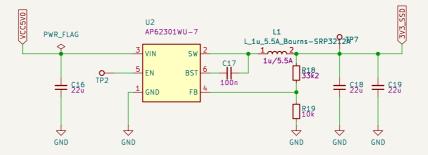
Sheet: /Compute module/
File: compute-module.kicad\_sch

Title: Scalenode CM4 Baseboard

Size: A3 Date: 2024-03-26 Rev: 1.1.3:fa4e8

KiCad E.D.A. kicad-cli 7.0.11 Id: 2/7

# SSD 3V3 DC/DC converter



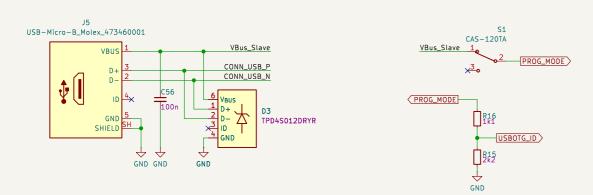
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Sheet: /Supply/ File: supply.kicad\_sch

Title: Scalenode CM4 Baseboard
Size: A3 Date: 2024-03-26
KiCad E.D.A. kicad-cli 7.0.11

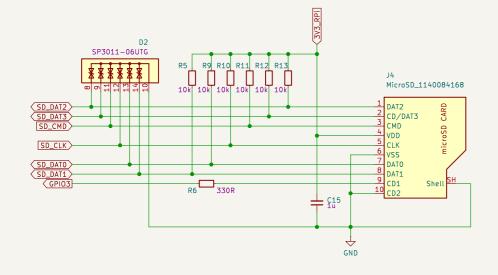
### Micro USB connector



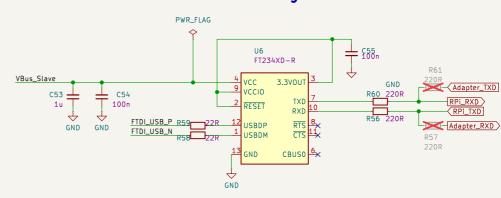
# USB OTG bridge



### Micro CD card slot



## **USB Debug UART**





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Sheet: /Interfaces/
File: interfaces.kicad\_sch

Title: Scalenode CM4 Baseboard

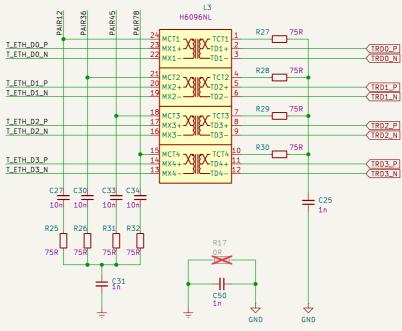
Size: A3 Date: 2024-03-26 Rev: 1.1.3:fa4e8

KiCad E.D.A. kicad-cli 7.0.11 Id: 4/7

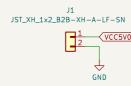
#### Ethernet connector

# SS-74800-144 R22 T\_ETH\_DO\_P T\_ETH\_DO\_N T\_ETH\_D1\_P T\_ETH\_D2\_P T\_ETH\_D2\_N T\_ETH\_D1\_N T\_ETH\_D3\_P T\_ETH\_D3\_P T\_ETH\_D3\_N PWR\_FLAG 3V3\_RPi R21 220R

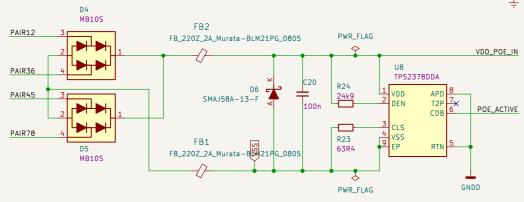
### PoE transformer



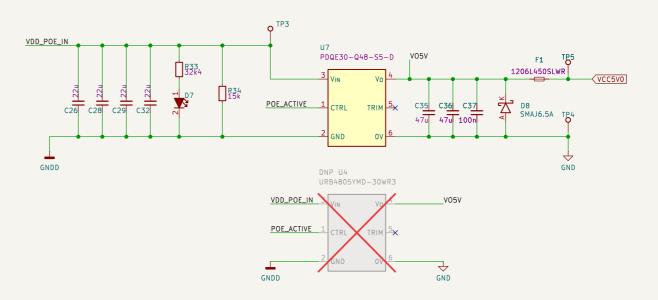
## Aux 5V0 power supply



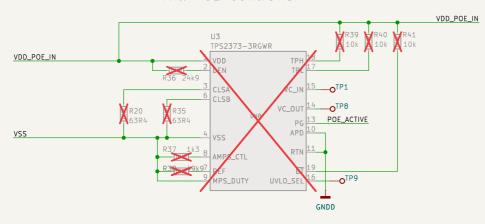
### PoE Controller



### 5V DC/DC converter



### Alt. PoE Controller



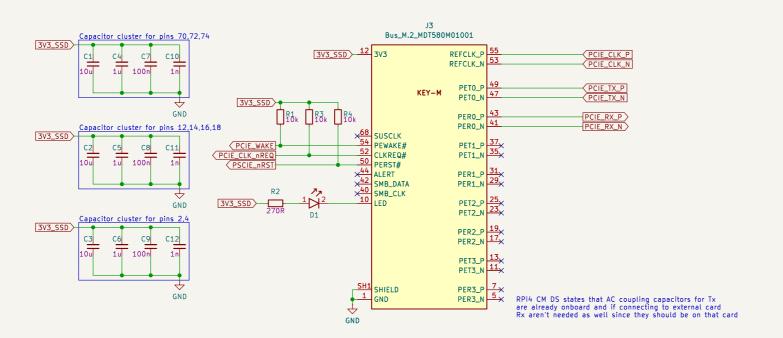


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Sheet: /PoE/ File: poe.kicad\_sch

Title: Scalenode CM4 Baseboard

Size: A3 Date: 2024-03-26 KiCad E.D.A. kicad-cli 7.0.11



2242 Form Factor 97730406332R

2280 Form Factor 97730406332R

**x**<sup>1</sup> □ SP6



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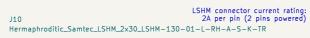
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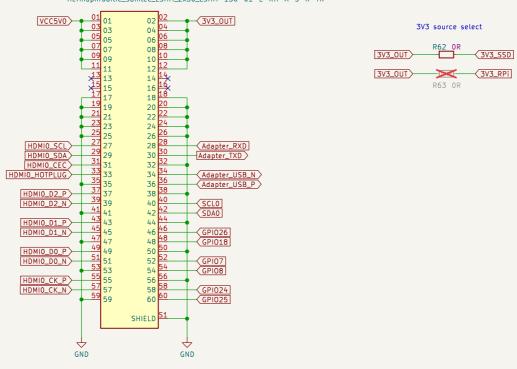
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Title: Scalenode CM4 Baseboard

Size: A3 Date: 2024-03-26 KiCad E.D.A. kicad-cli 7.0.11 Rev: 1.1.3:fa4e8

# Communication adapter connector







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Sheet: /Expansion connectors/ File: expansion-connectors.kicad\_sch

Title: Scalenode CM4 Baseboard

 Size: A3
 Date: 2024-03-26
 Rev: 1.1.3:fa4e

 KiCad E.D.A. kicad-cli 7.0.11
 Id: 7/7