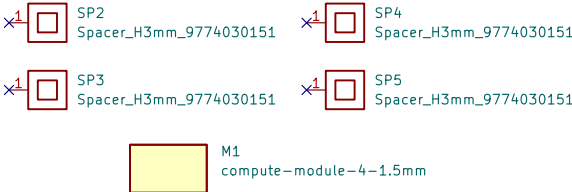
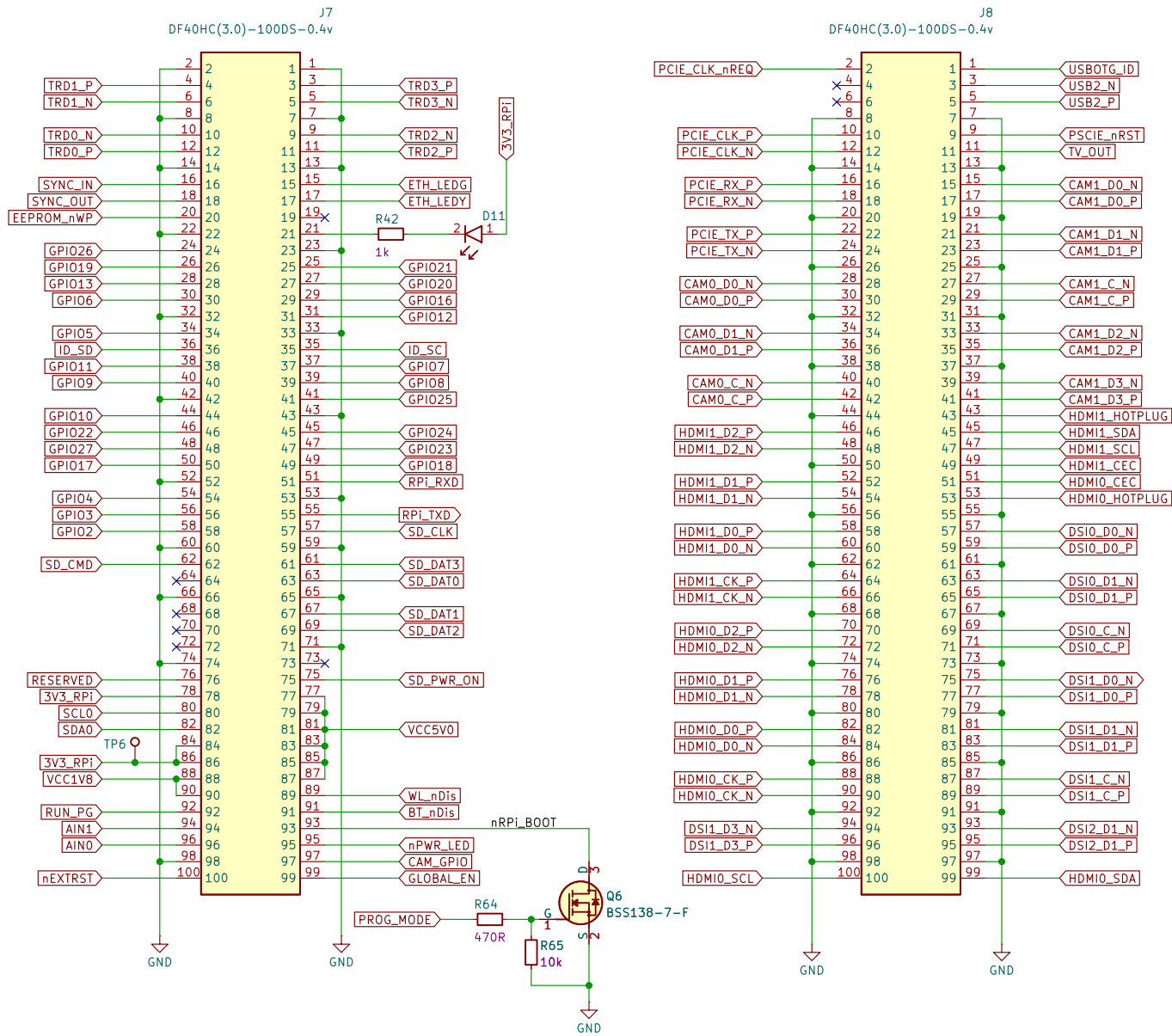
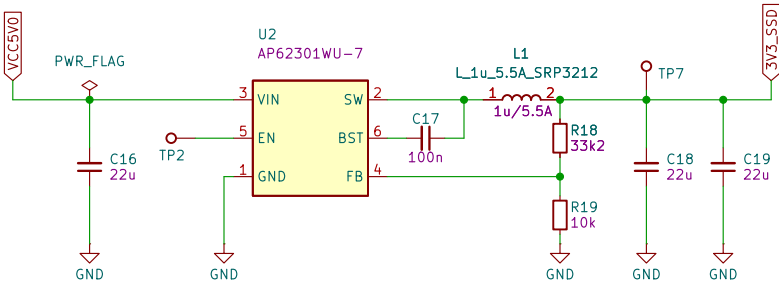


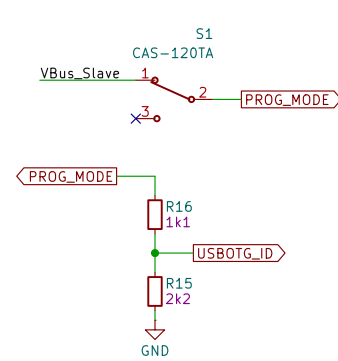
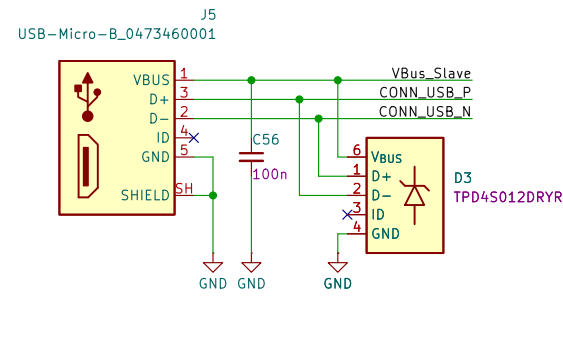
Raspberry CM4 connector



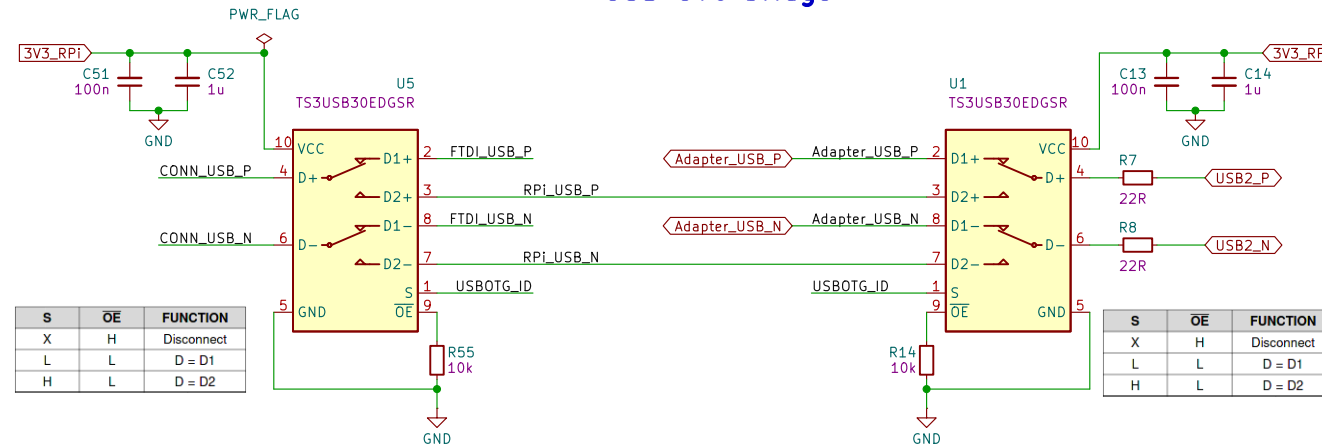
SSD 3V3 DC/DC converter



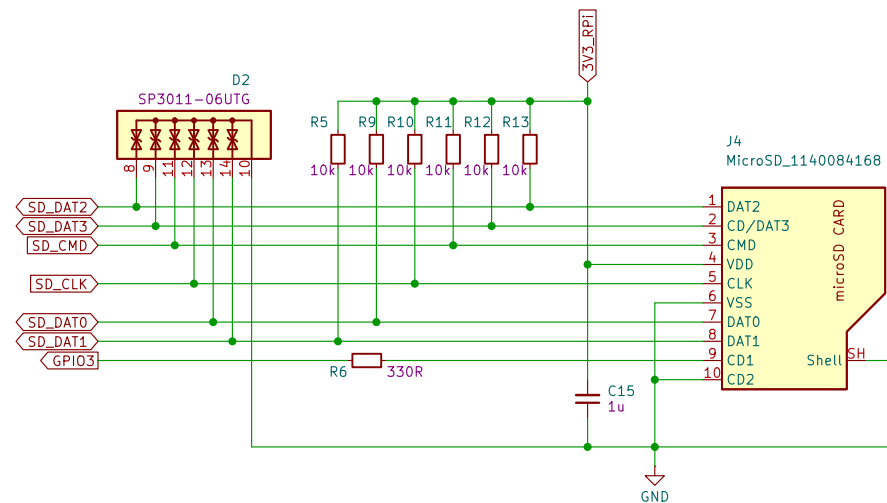
Micro USB connector



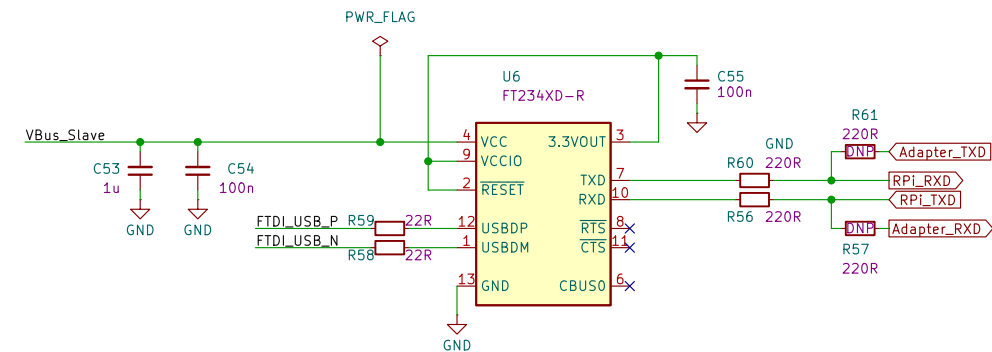
USB OTG bridge



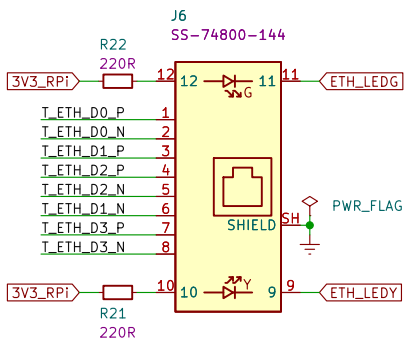
Micro CD card slot



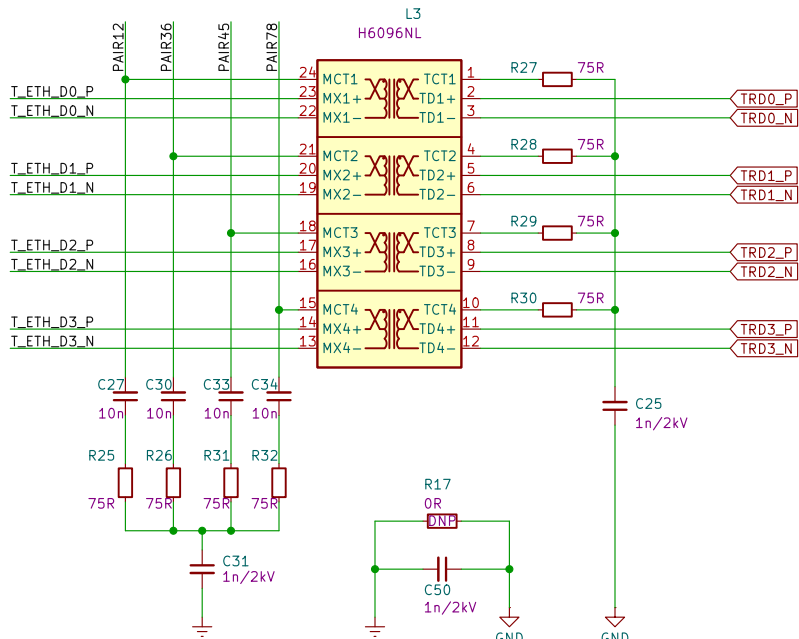
USB Debug UART



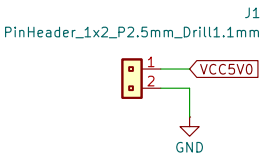
Ethernet connector



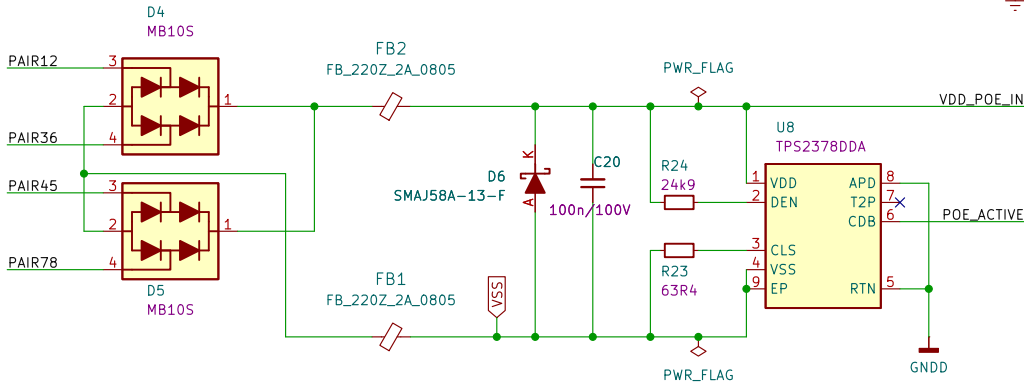
PoE transformer



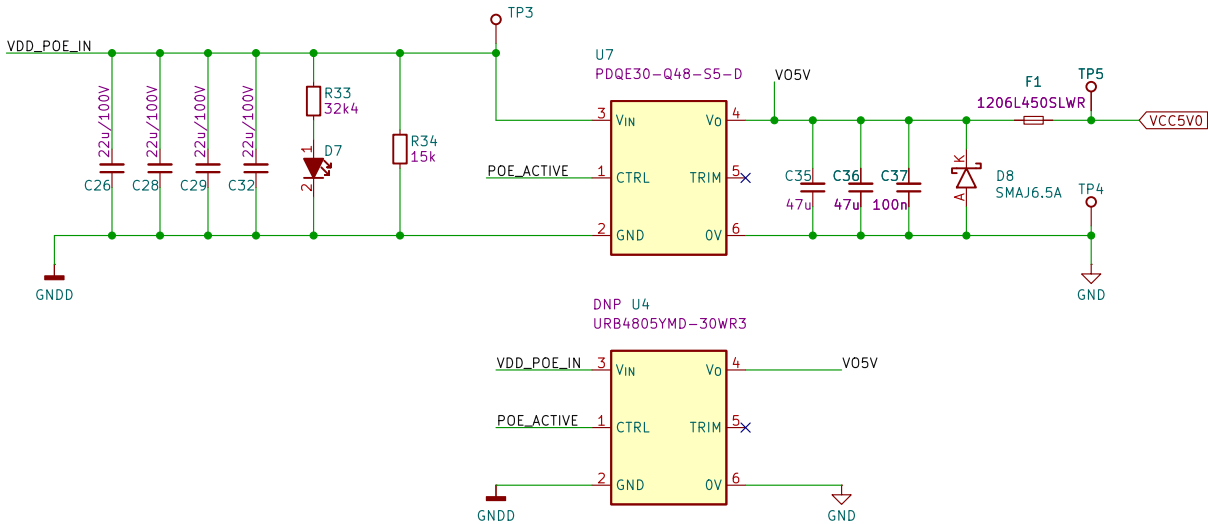
Aux 5V0 power supply



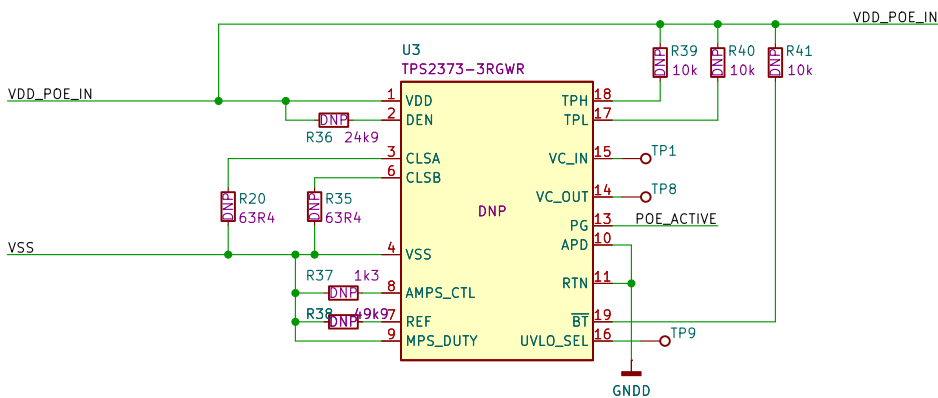
PoE Controller

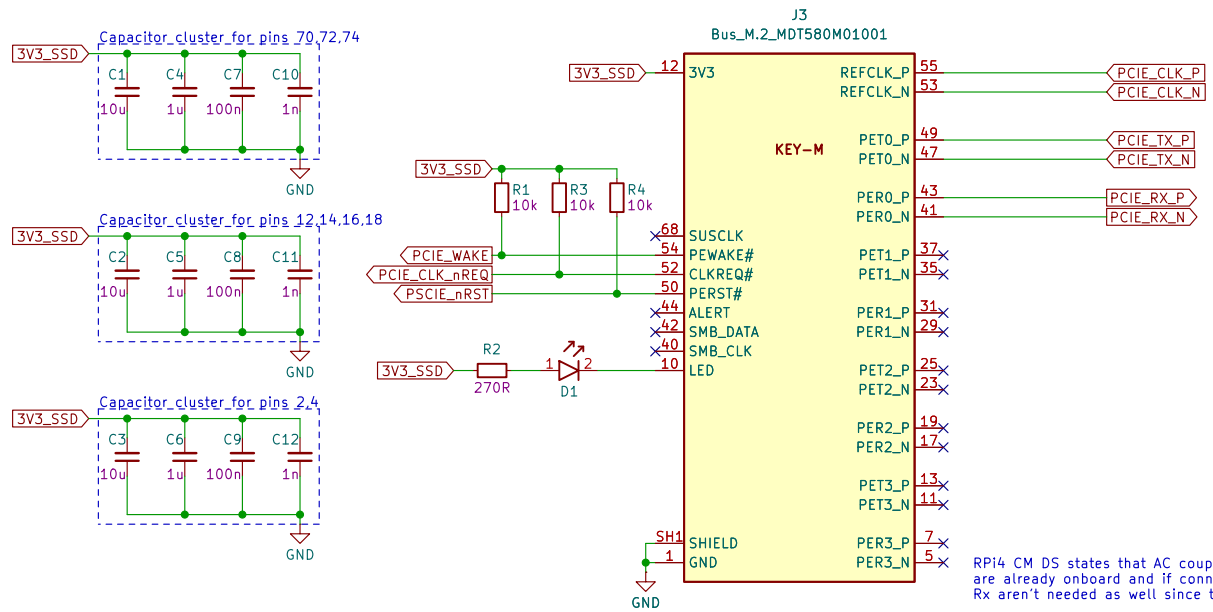


5V DC/DC converter



Alt. PoE Controller



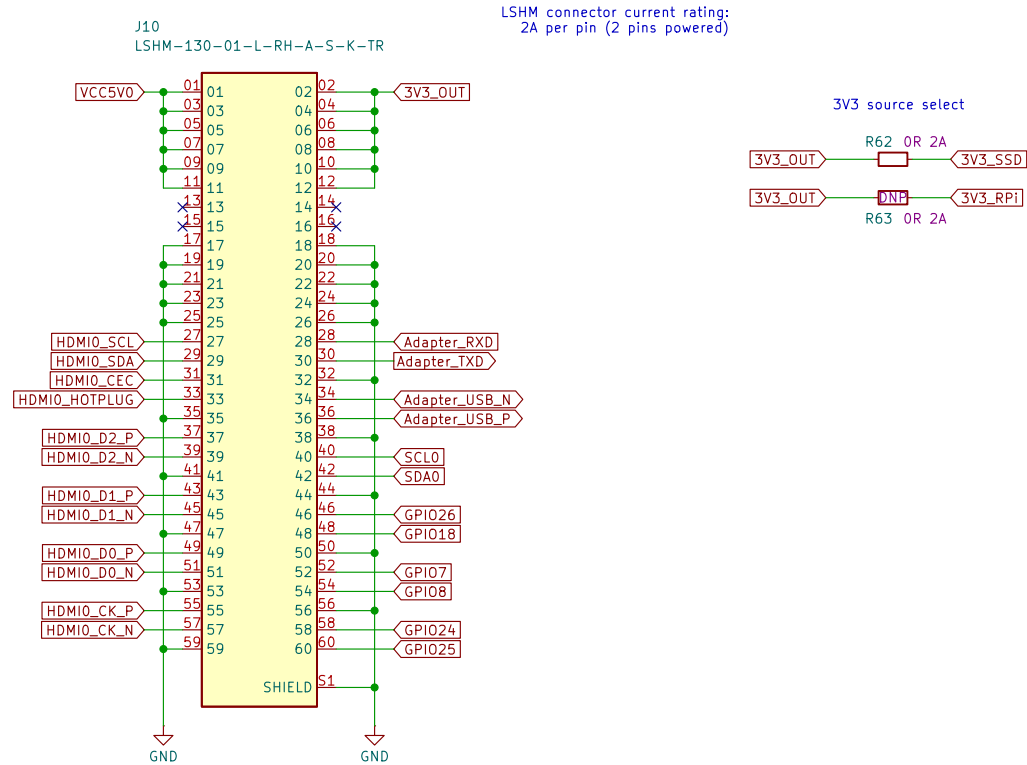


RPi4 CM DS states that AC coupling capacitors for Tx are already onboard and if connecting to external card Rx aren't needed as well since they should be on that card

- 2242 Form Factor 97730406332R
SP1
DNP
- 2280 Form Factor 97730406332R
SP6

Sheet: /NVMe SSD/		
File: nvme-ssd.kicad_sch		
Title: Scalenode CM4 Baseboard		
Size: A4	Date:	Rev: 1.1.2
KiCad E.D.A. eeschema 6.0.11+dfsg-1~bpo11+1		Id: 6/7

Communication adapter connector



MP1
PCB_Mount_Hole_2.2_4.5



MP2
PCB_Mount_Hole_2.5_6.2



MP3
PCB_Mount_Hole_2.5_6.2