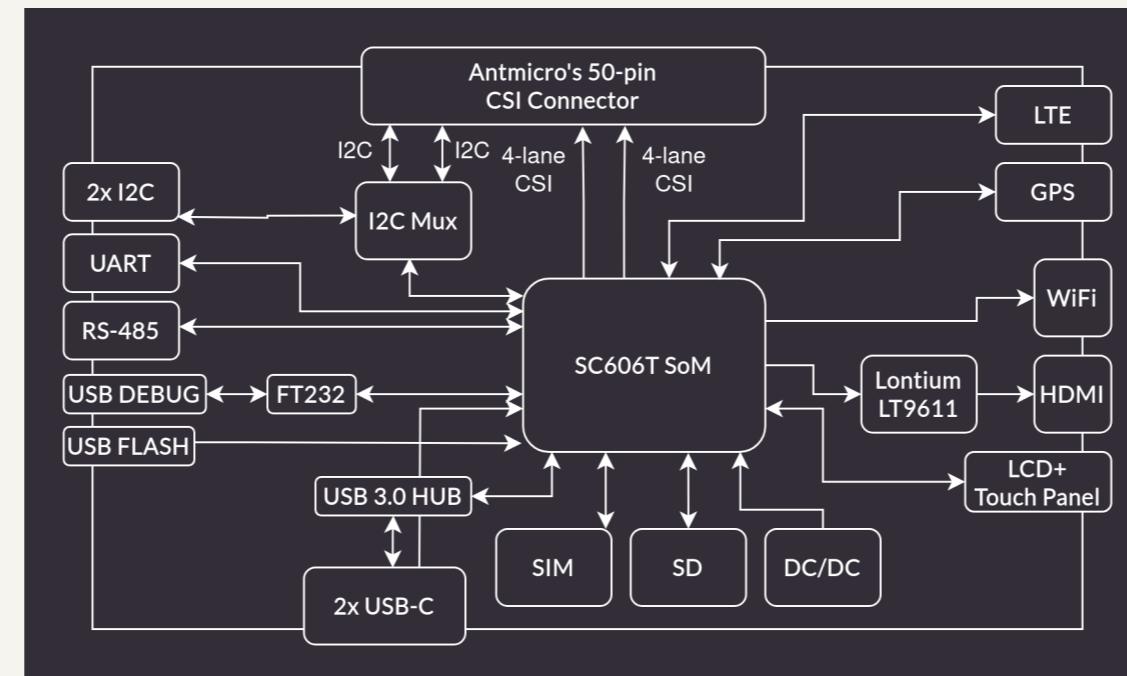


**SC606T Baseboard**x<sup>1</sup> MP1  
Spacer\_Drill3mm\_H3mm\_9774030243R

N1  
Logo antmicro\_logo  
  
N2  
Logo oshw\_logo



File: som.kicad\_sch

power supply

File: power\_supply.kicad\_sch

display module

File: display\_module.kicad\_sch

serial\_and\_cameras\_interfaces

File: serial\_and\_cameras\_interfaces.kicad\_sch

USB\_flash\_debug

File: USB\_flash\_debug.kicad\_sch

USB\_HUB\_Connectors

File: USB\_HUB\_Connectors.kicad\_sch

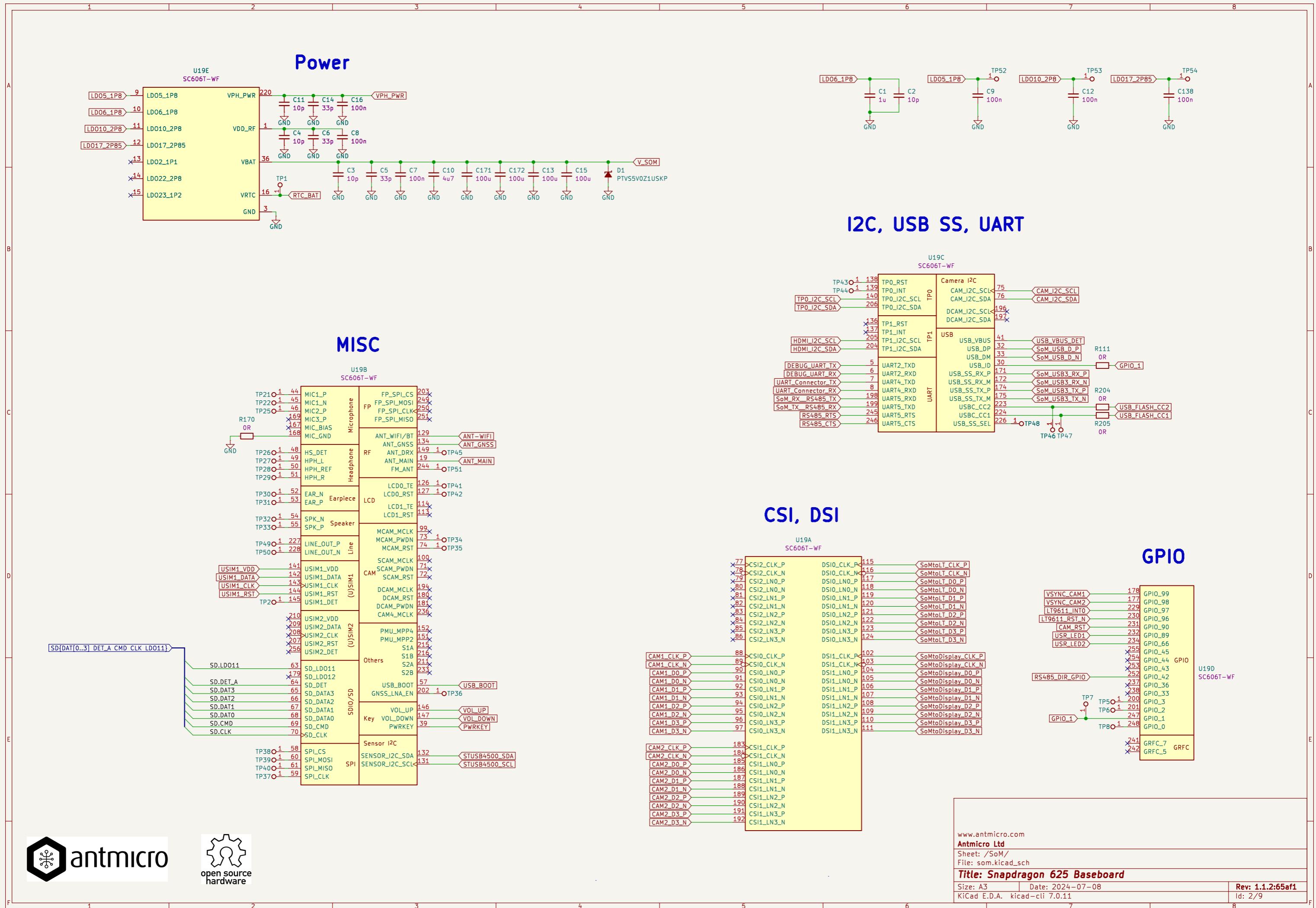
peripherals

File: peripherals.kicad\_sch

USB-PD

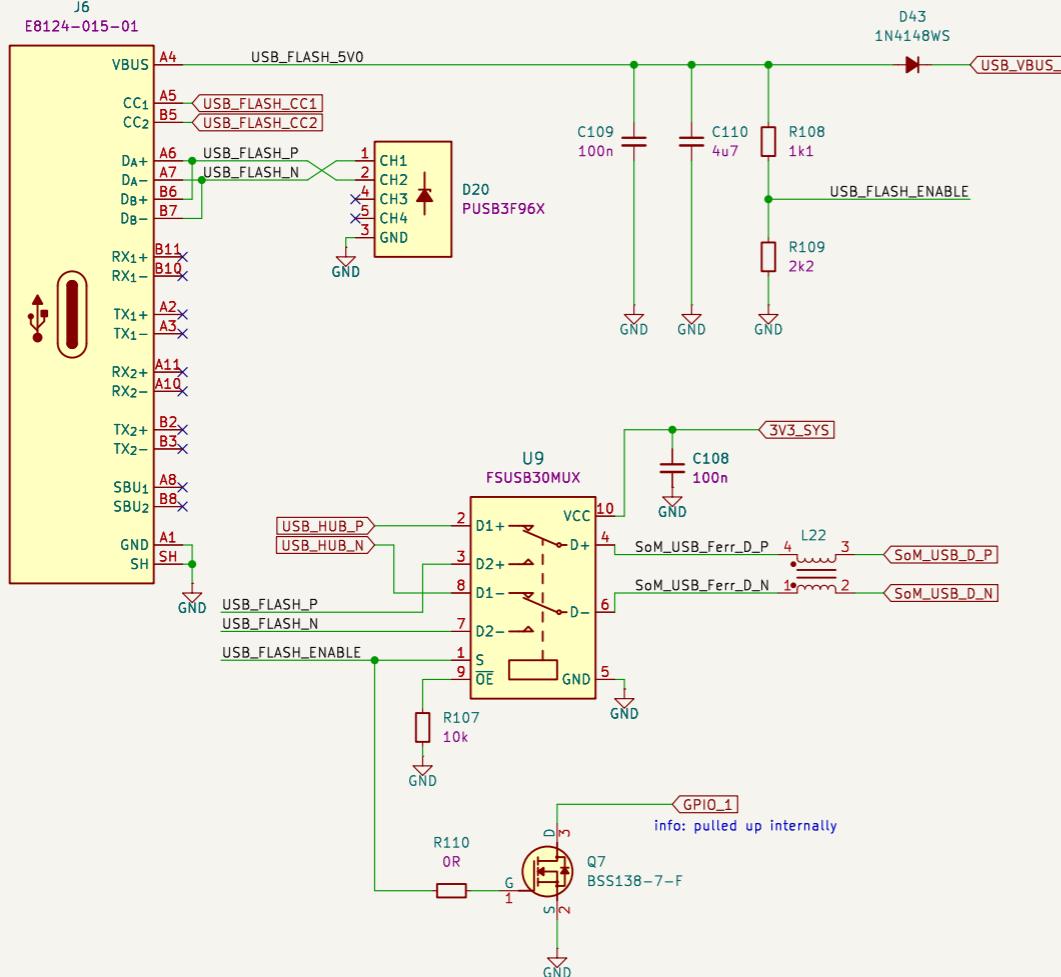
File: USB-PD.kicad\_sch

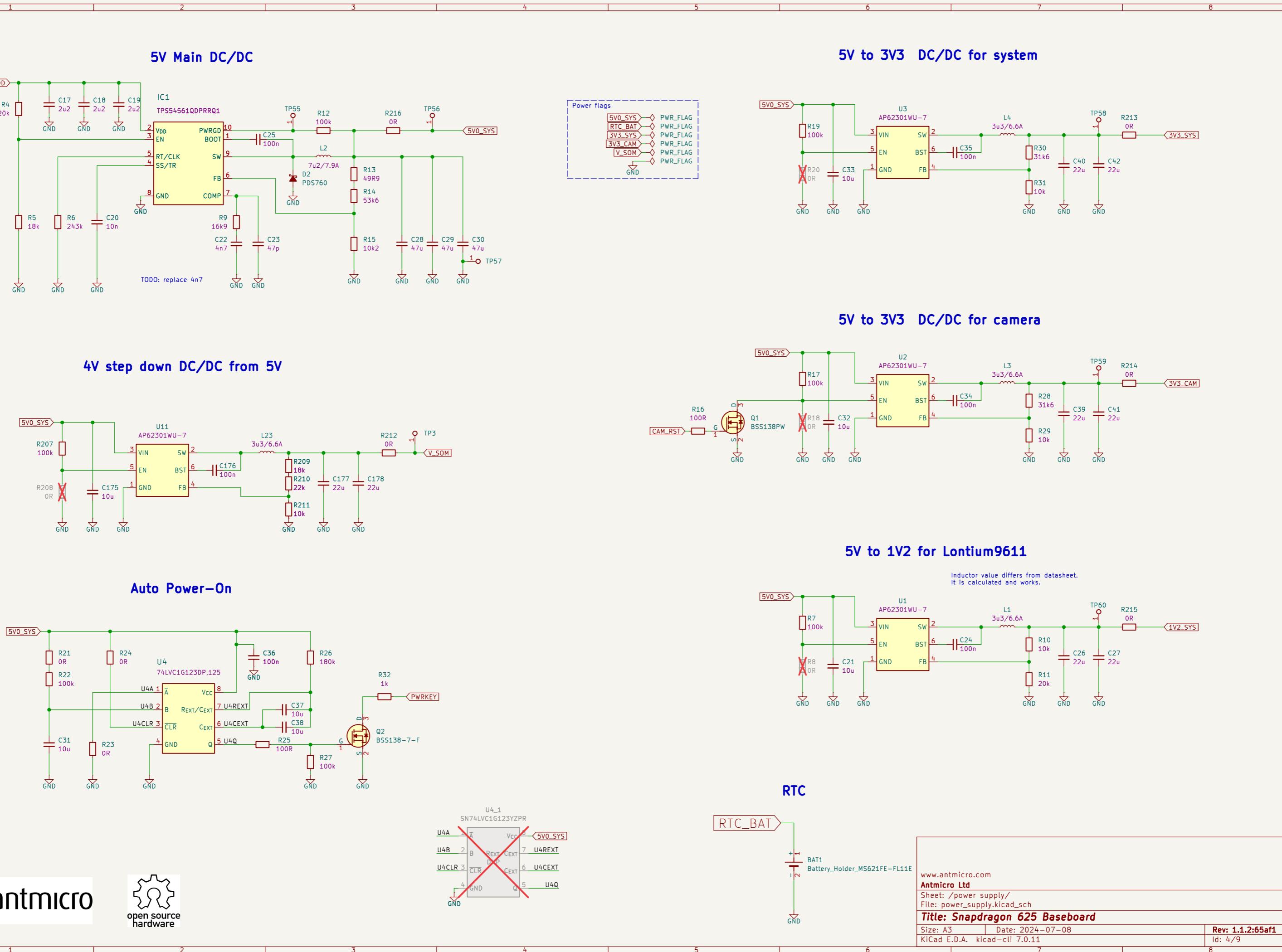
x<sup>1</sup> MP2  
Spacer\_Drill3mm\_H3mm\_9774030243Rx<sup>1</sup> MP4  
Spacer\_Drill3mm\_H3mm\_9774030243R

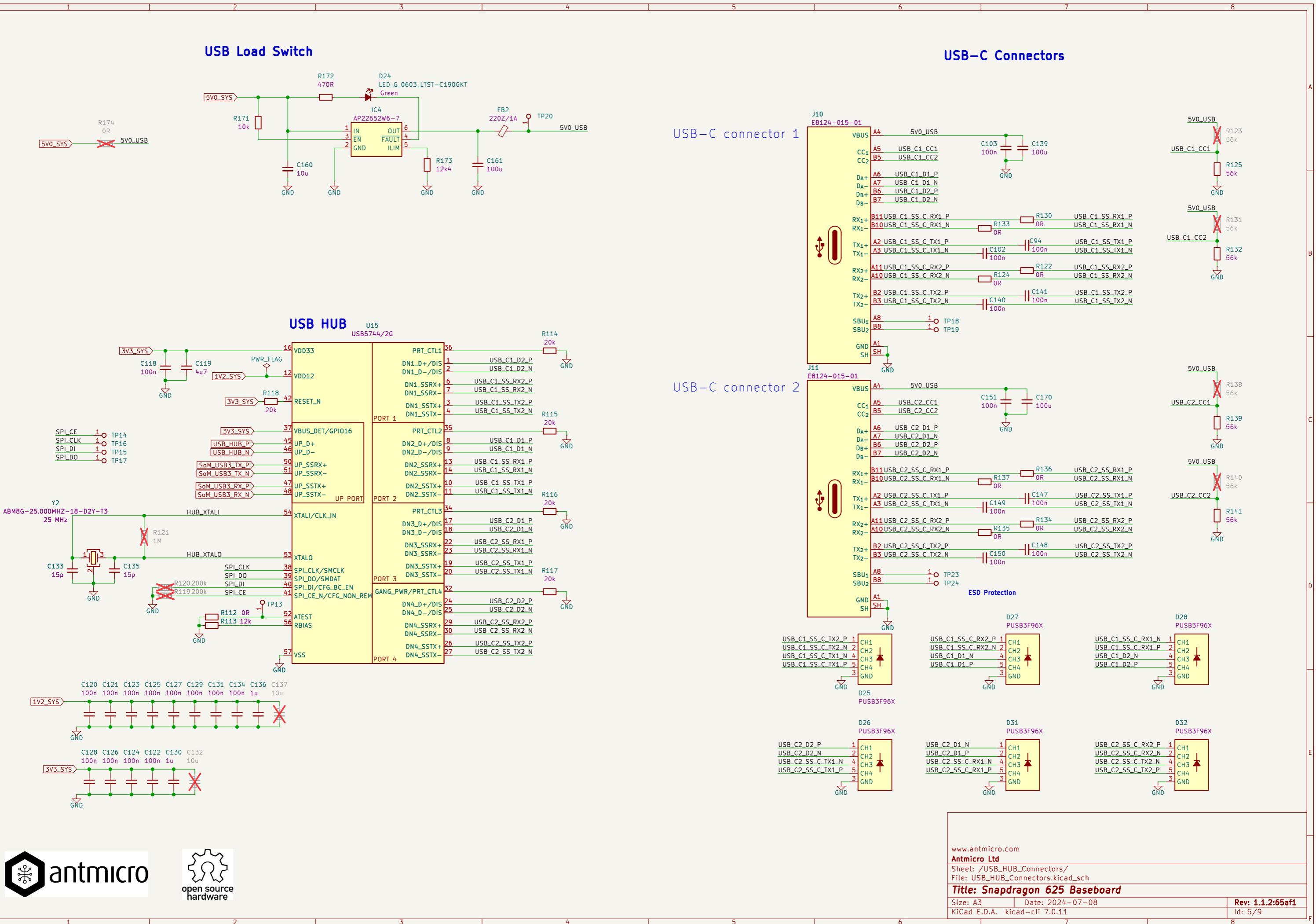


1 2 3 4 5 6 7 8

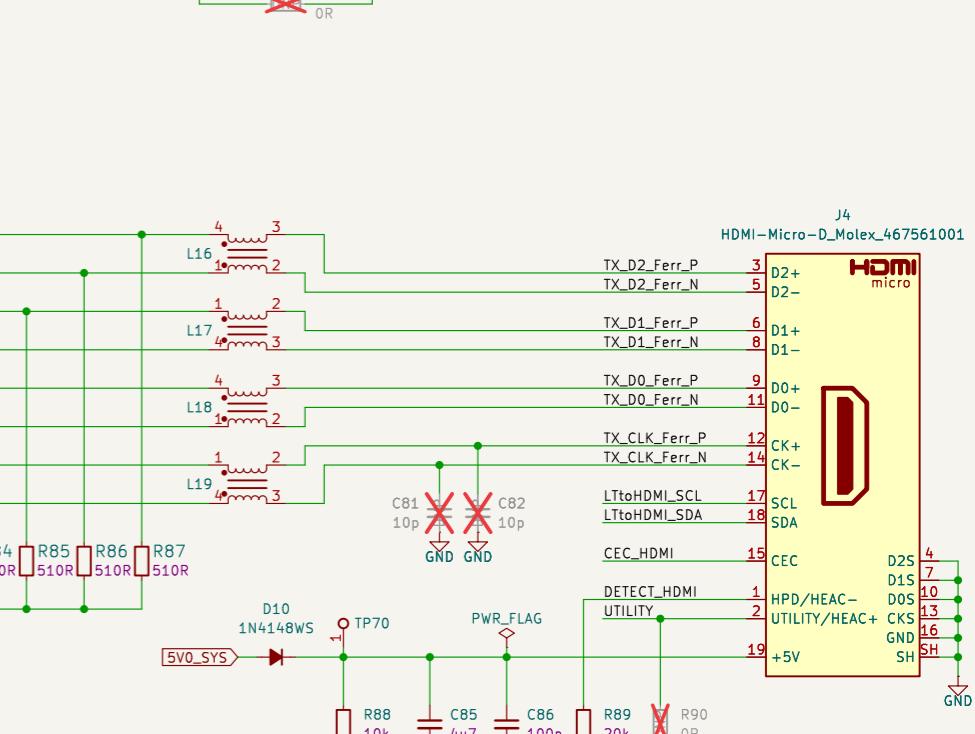
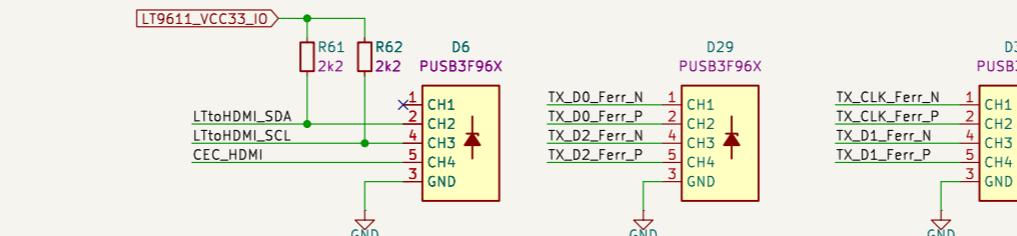
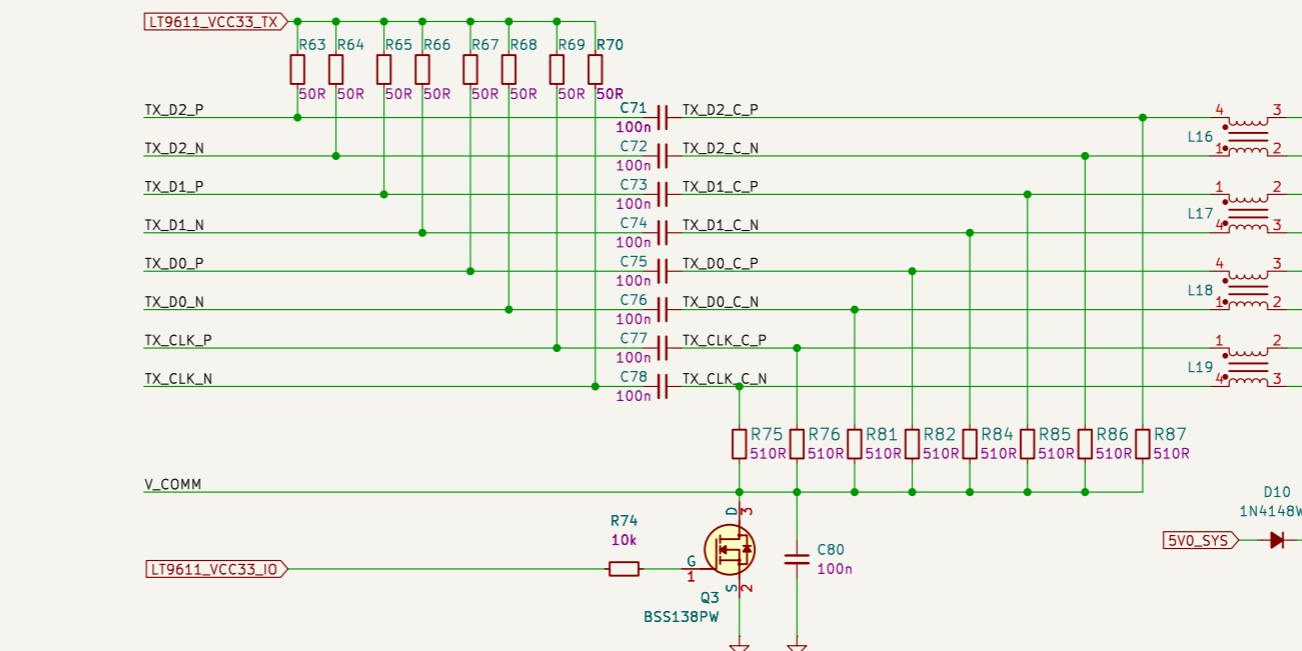
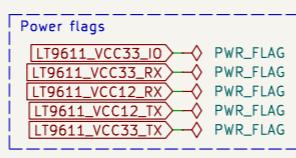
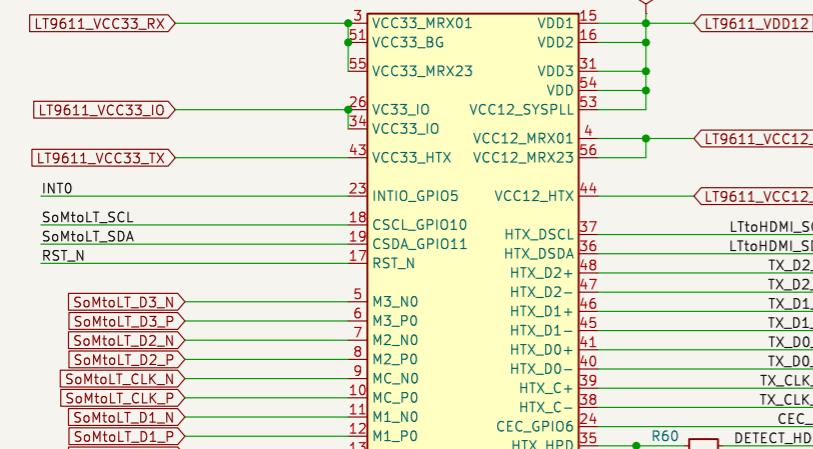
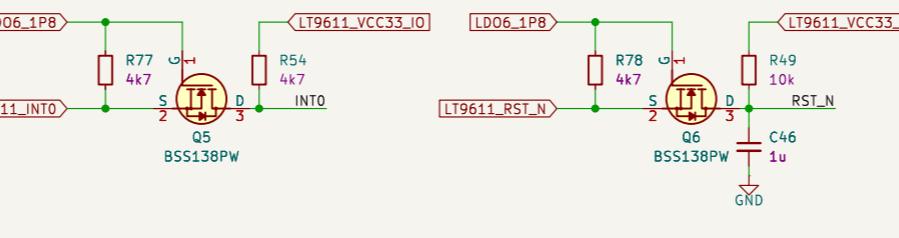
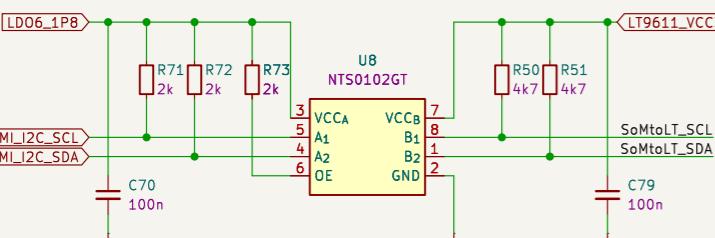
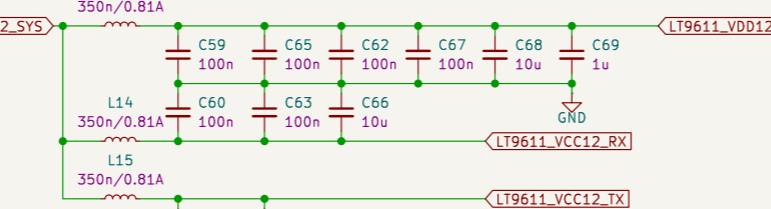
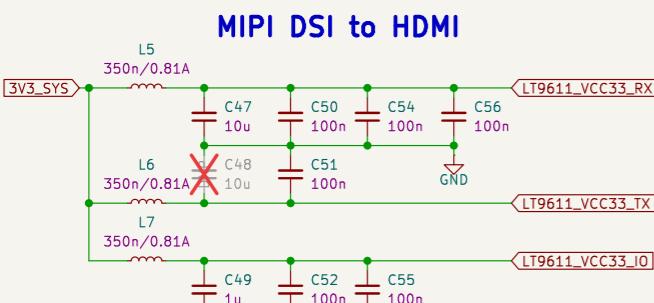
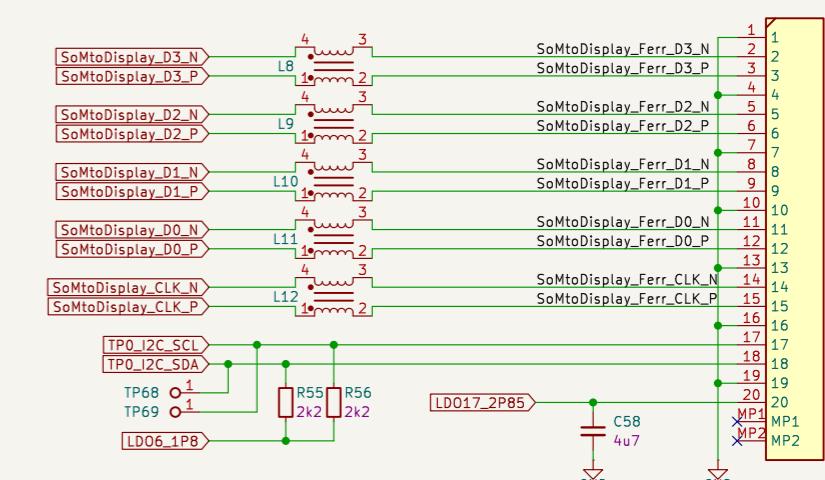
### USB SoM flashing IF





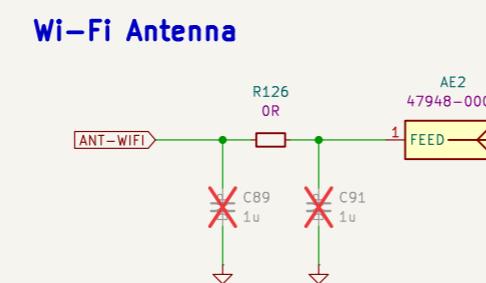
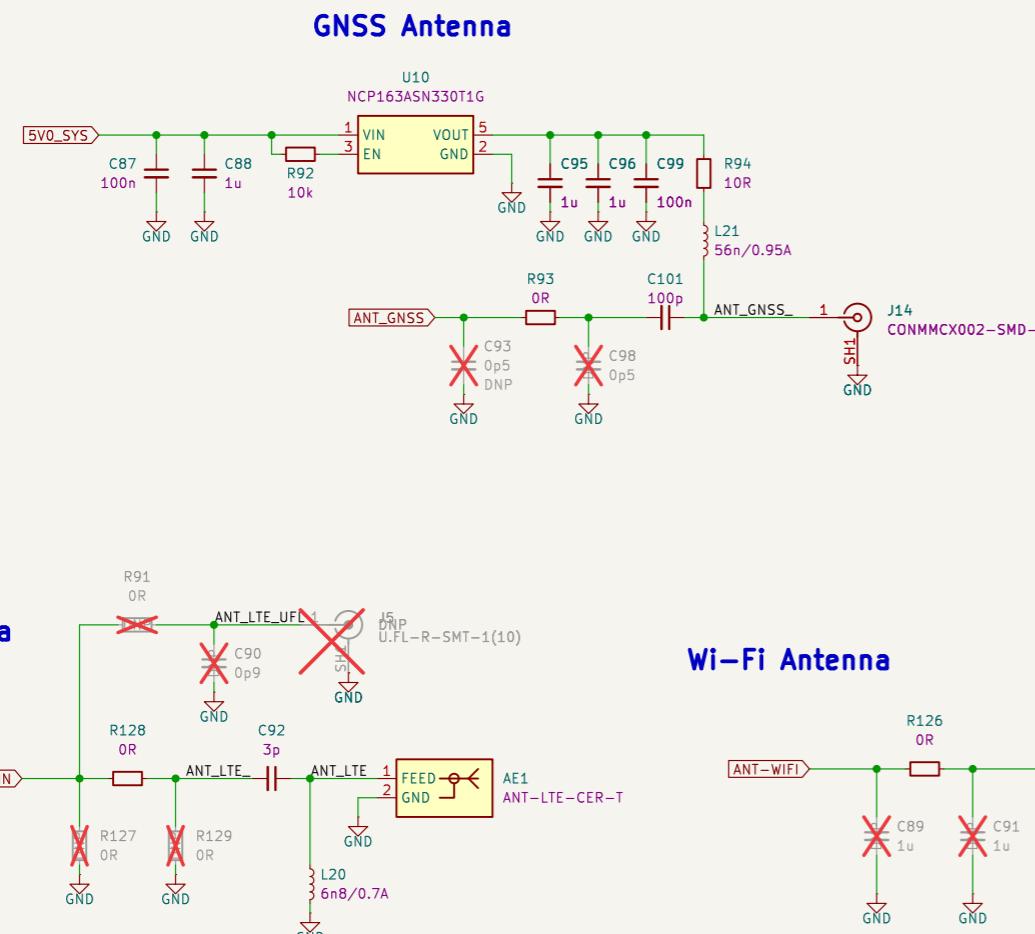
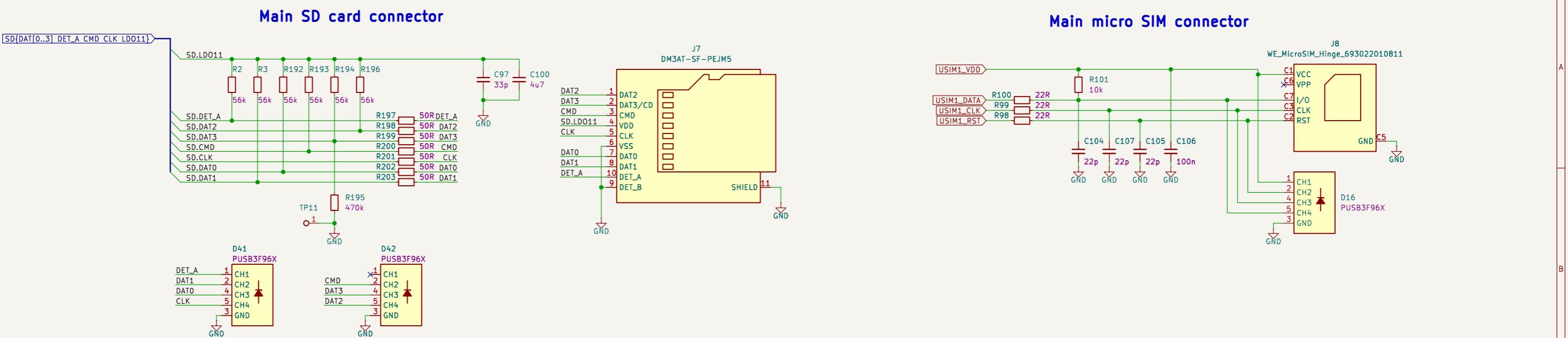


## TP + LCD Interface

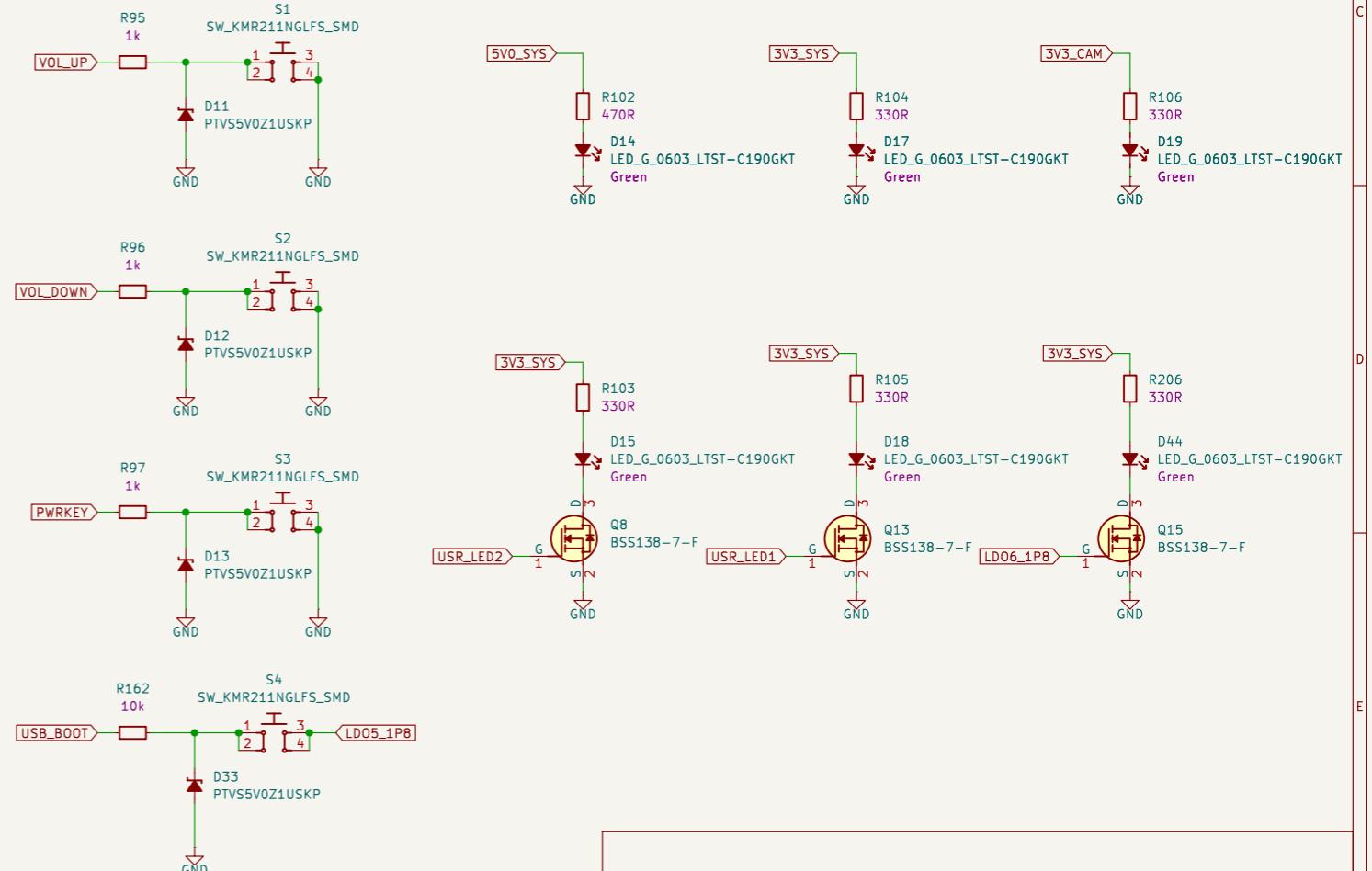


www.antmicro.com  
Antmicro Ltd  
Sheet: /display module/  
File: display\_module.kicad\_sch  
**Title: Snapdragon 625 Baseboard**  
Size: A3 Date: 2024-07-08  
KiCad E.D.A. kicad-cl 7.0.11 Rev: 1.1.2:65af1  
Id: 6/9



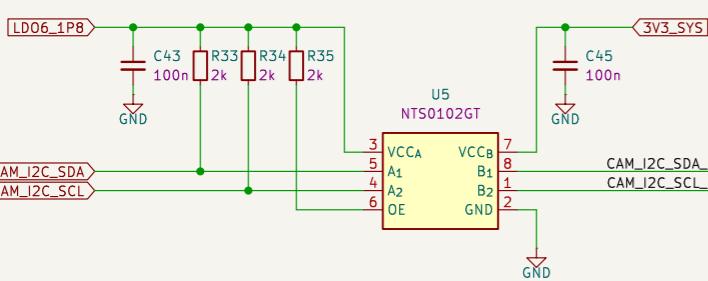


## SYSTEM BUTTONS AND LEDs

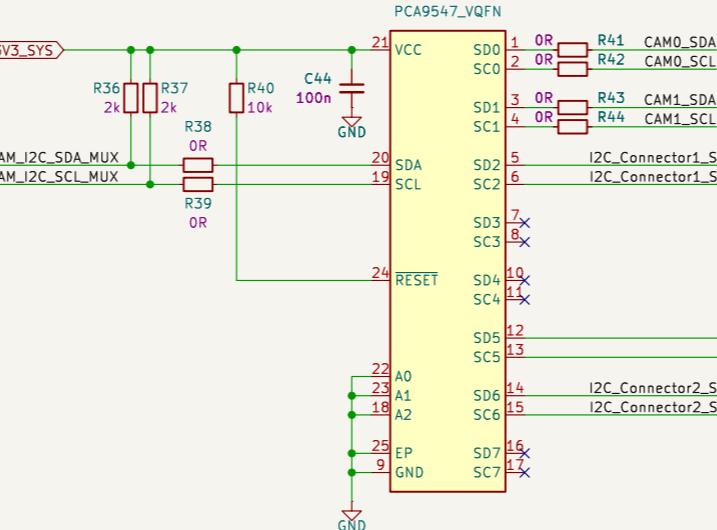


1 2 3 4 5 6 7 8

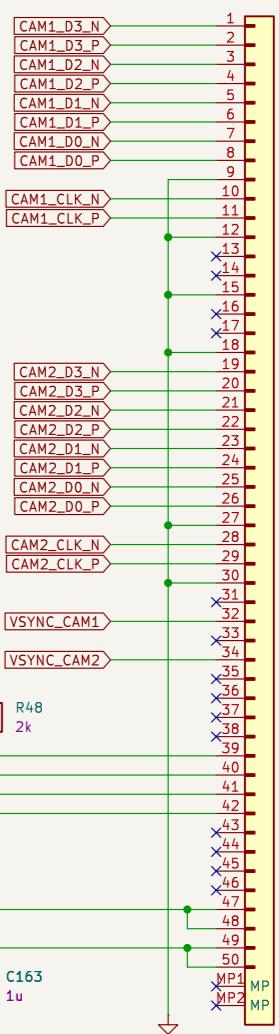
### SoM to I2C Mux voltage translating transceiver



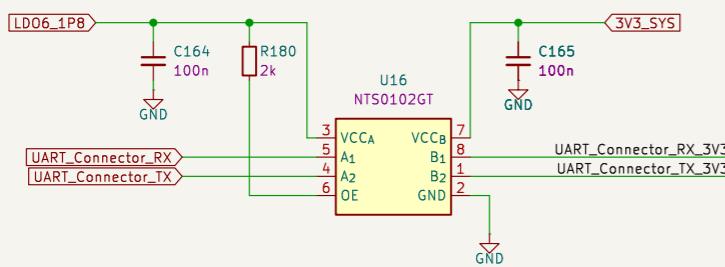
### Camera I2C multiplexer



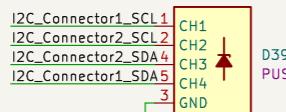
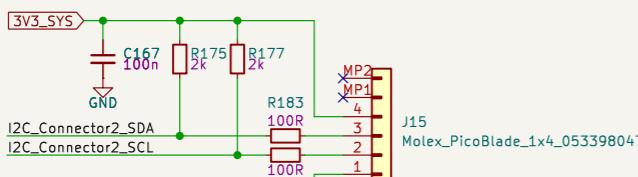
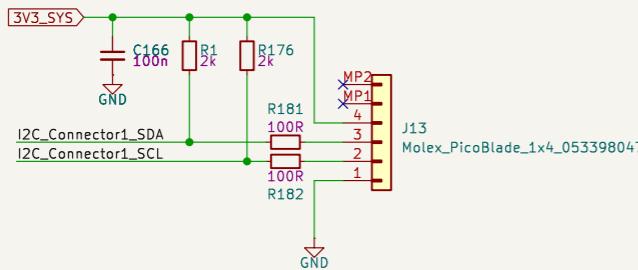
### Camera FFC



### UART connector voltage translating transceiver

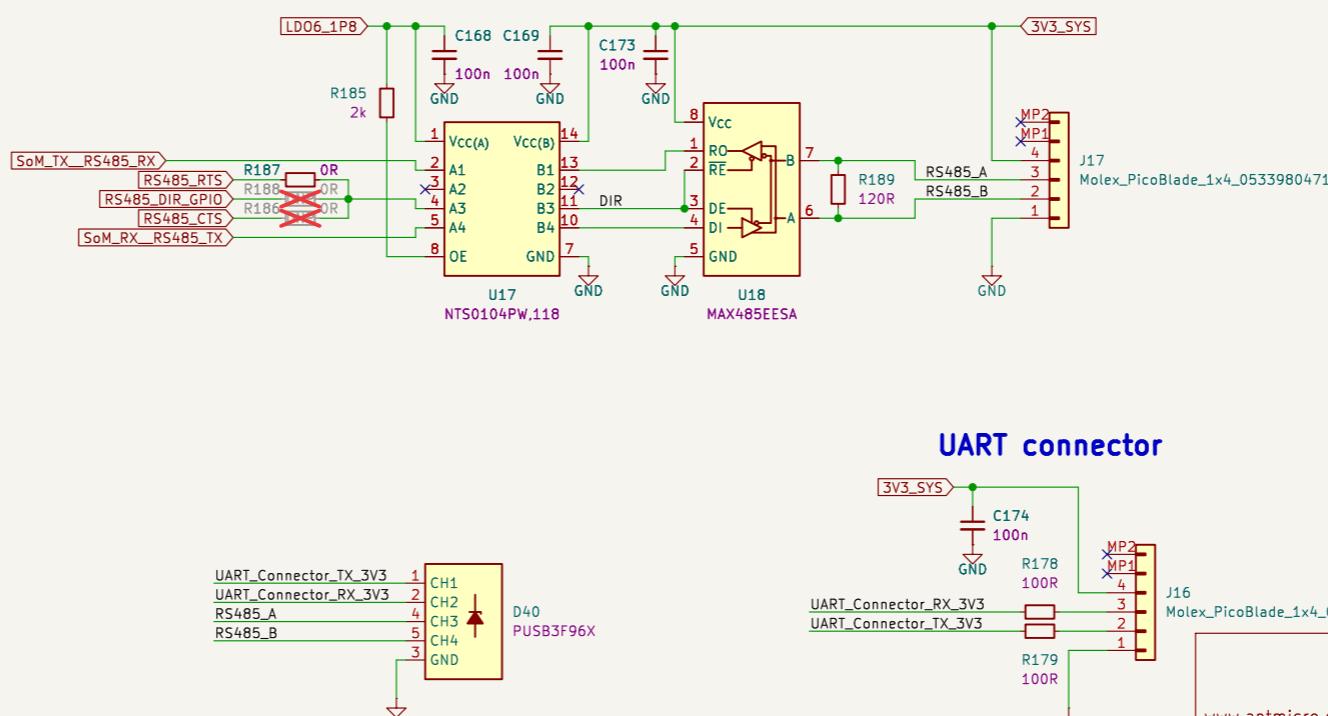


### I2C connectors

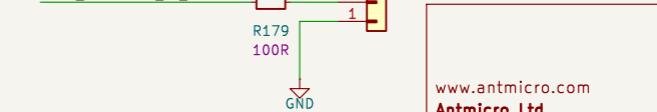
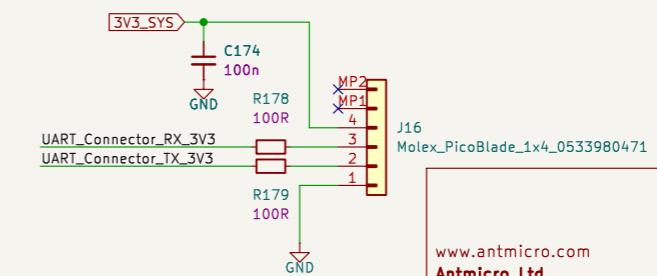


open source  
hardware

### RS485 connector and voltage translator



### UART connector



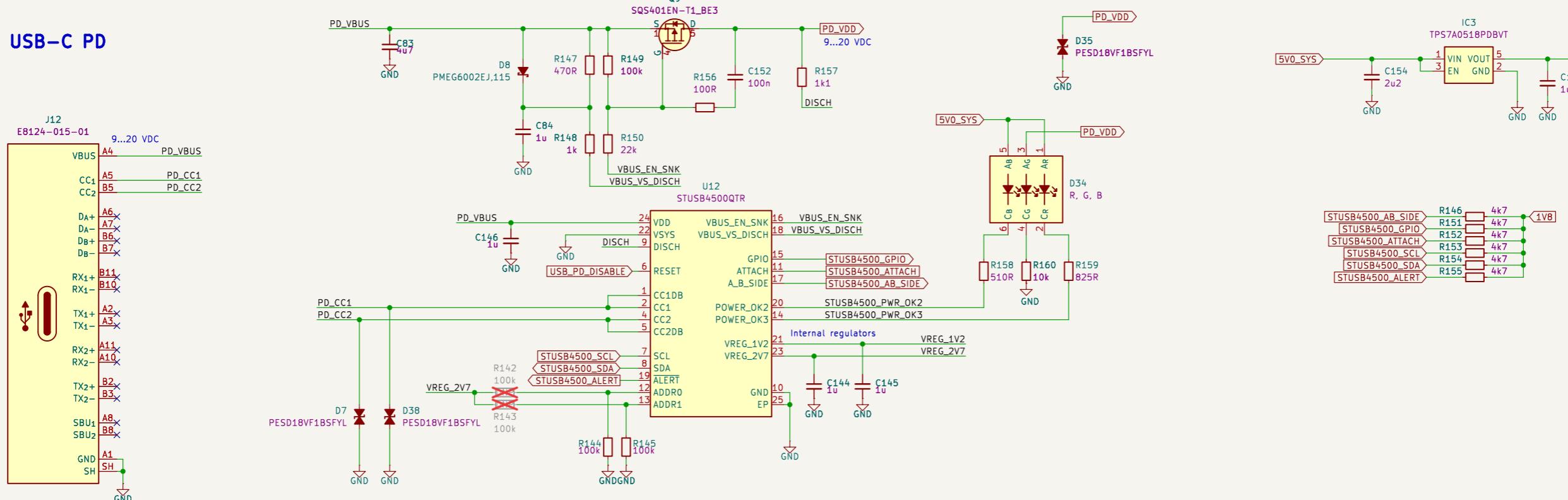
www.antmicro.com  
Antmicro Ltd  
Sheet: /serial\_and\_cameras\_interfaces/  
File: serial\_and\_cameras\_interfaces.kicad\_sch

**Title: Snapdragon 625 Baseboard**

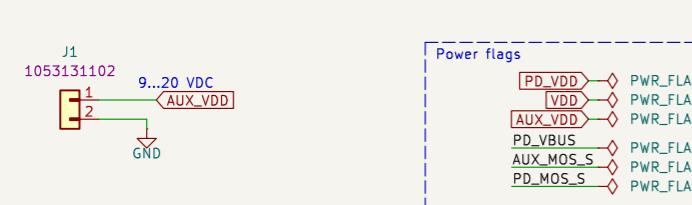
Size: A3 Date: 2024-07-08  
KiCad E.D.A. kicad-cl 7.0.11

Rev: 1.1.2:65af1  
Id: 8/9

## USB-C PD



## AUX Power input



## Auxiliary Power Control

