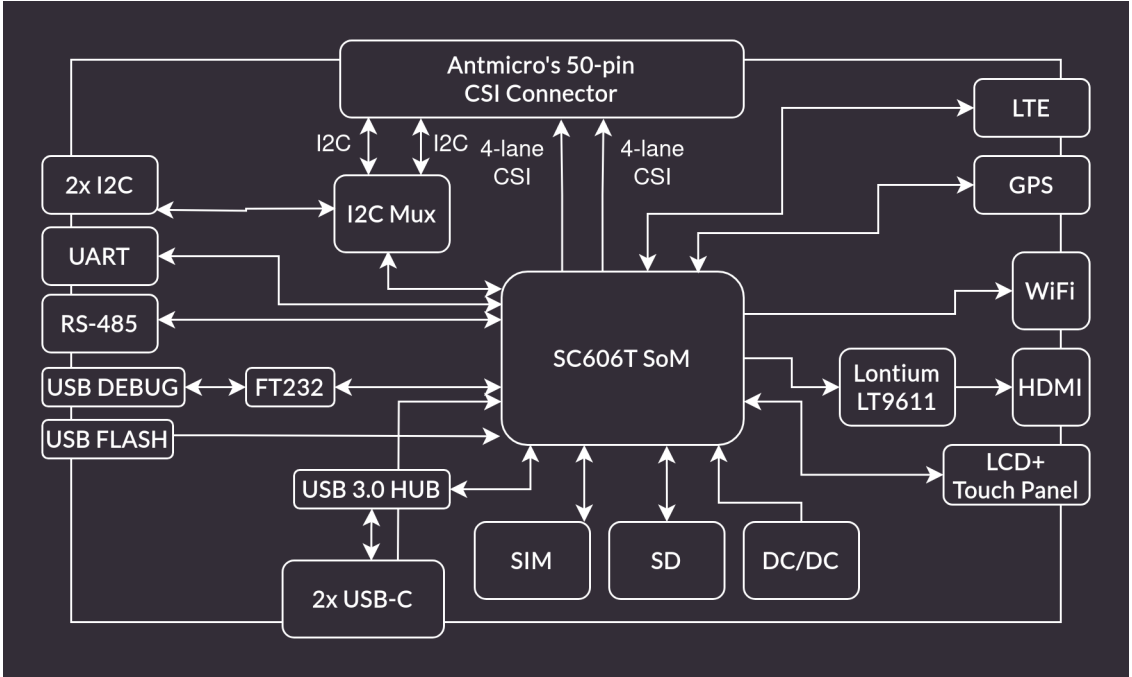
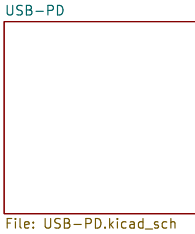
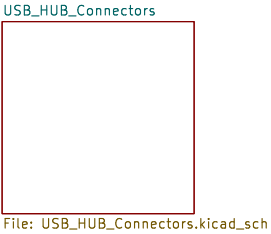
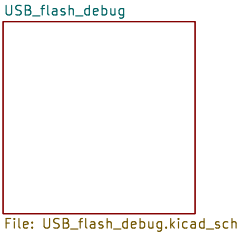
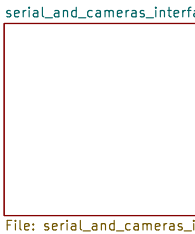
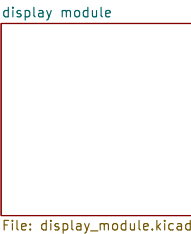
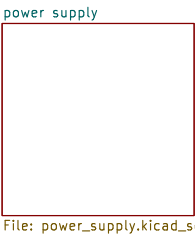
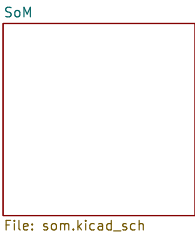




MP1
Spacer_Drill3mm_H3mm_9774030243R

MP3
Spacer_Drill3mm_H3mm_9774030243R

N1
antmicro_logo
N2
oshw_logo

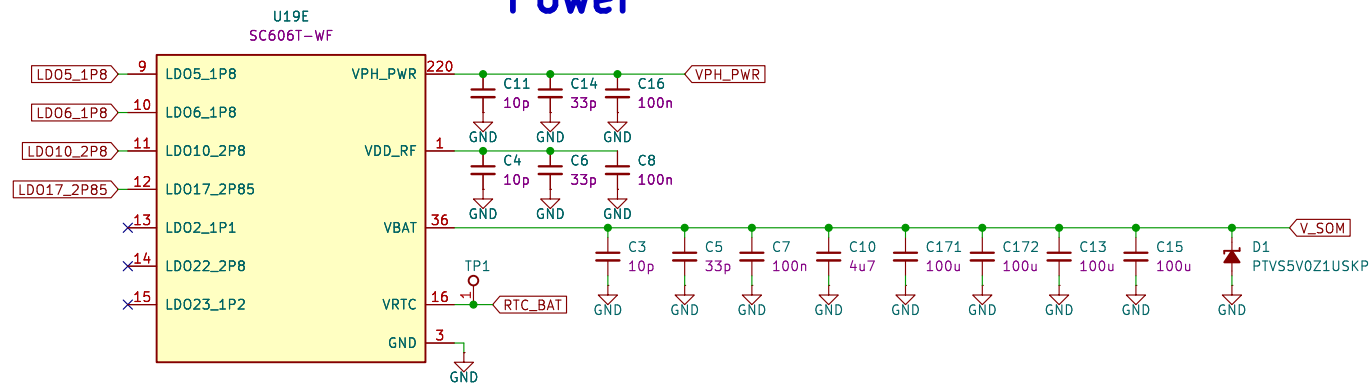


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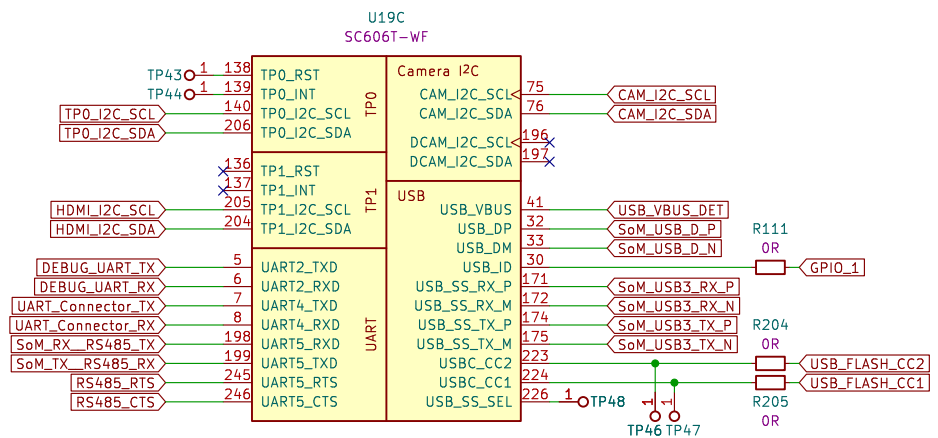
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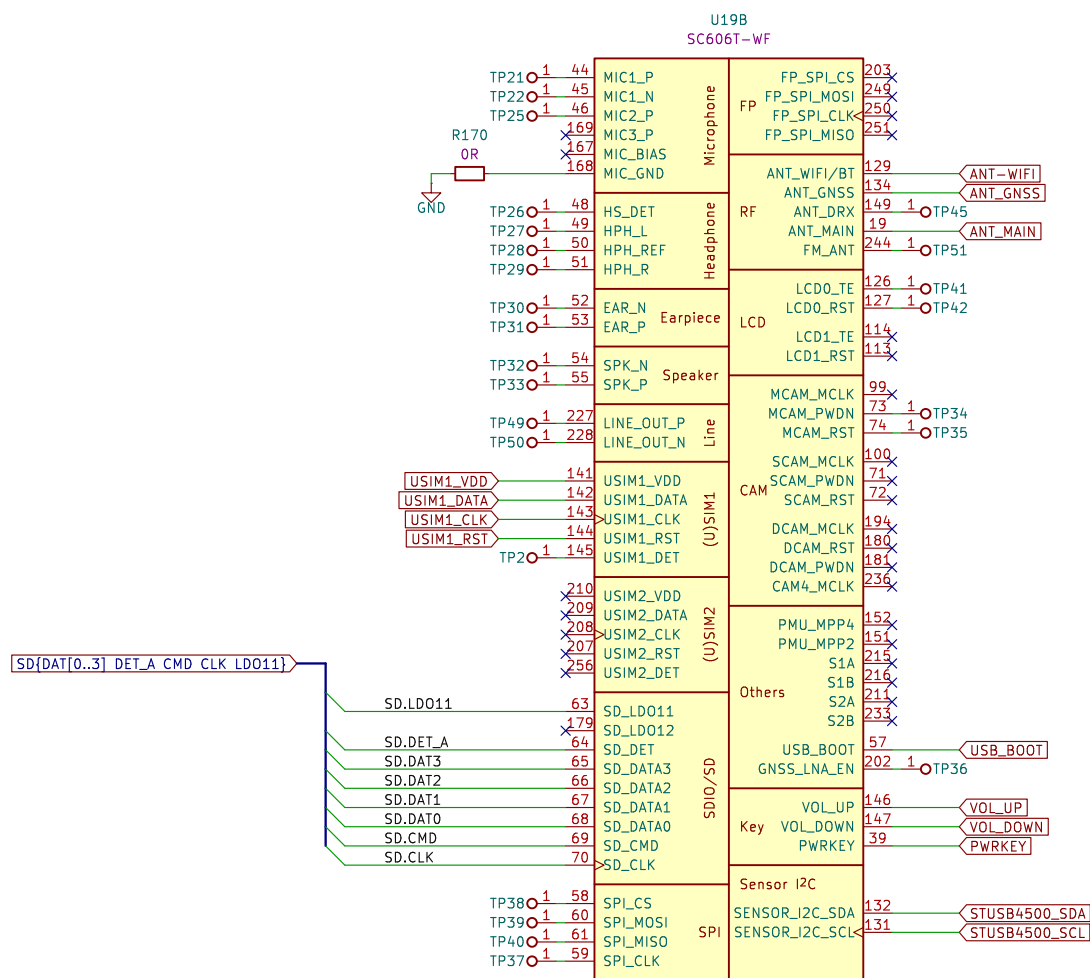
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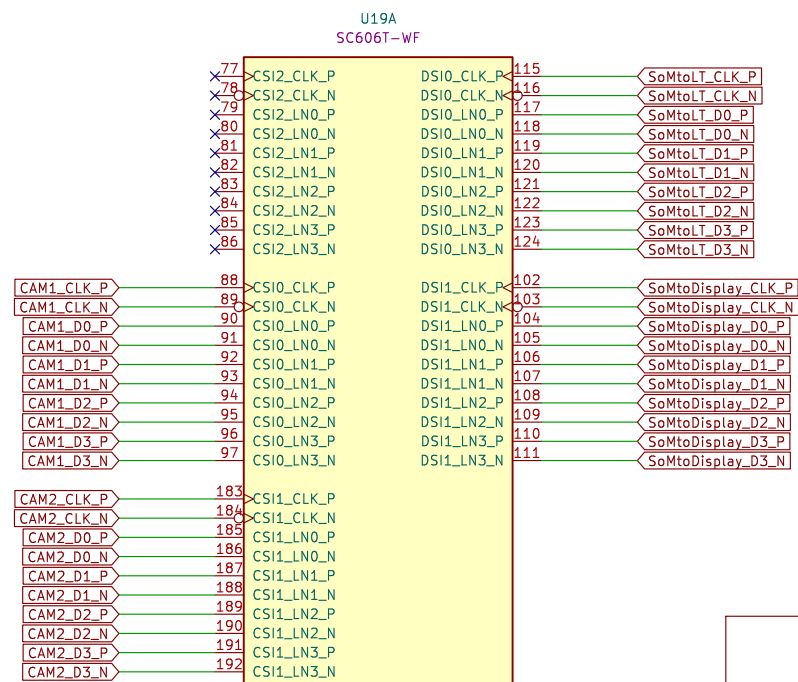
I2C, USB SS, UART



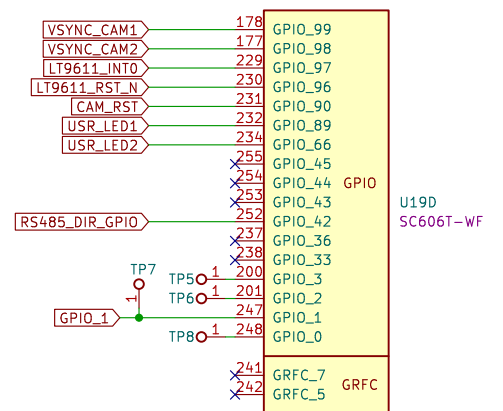
MISC



CSI, DSI



GPIO



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Sheet: /SoM/

File: som.kicad_sch

Title: Snapdragon 625 Baseboard

Size: A3

Date: 2024-07-08

Rev: 1.1.2:d9752bb7

KiCad E.D.A. 9.0.7

Id: 2/9

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5



1

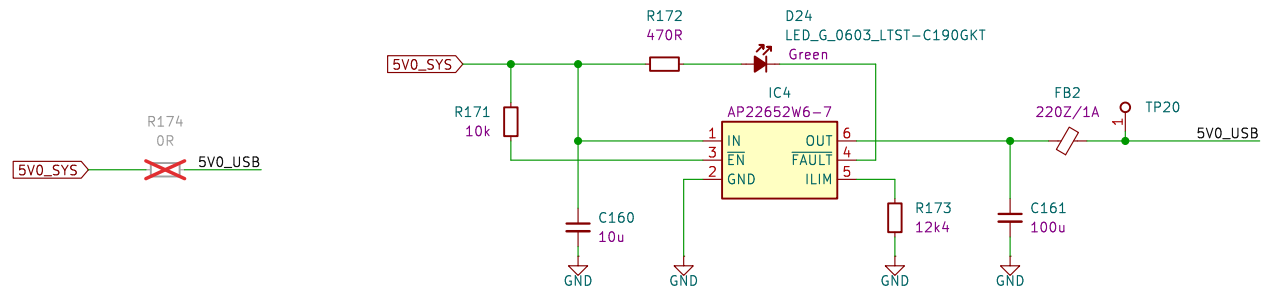




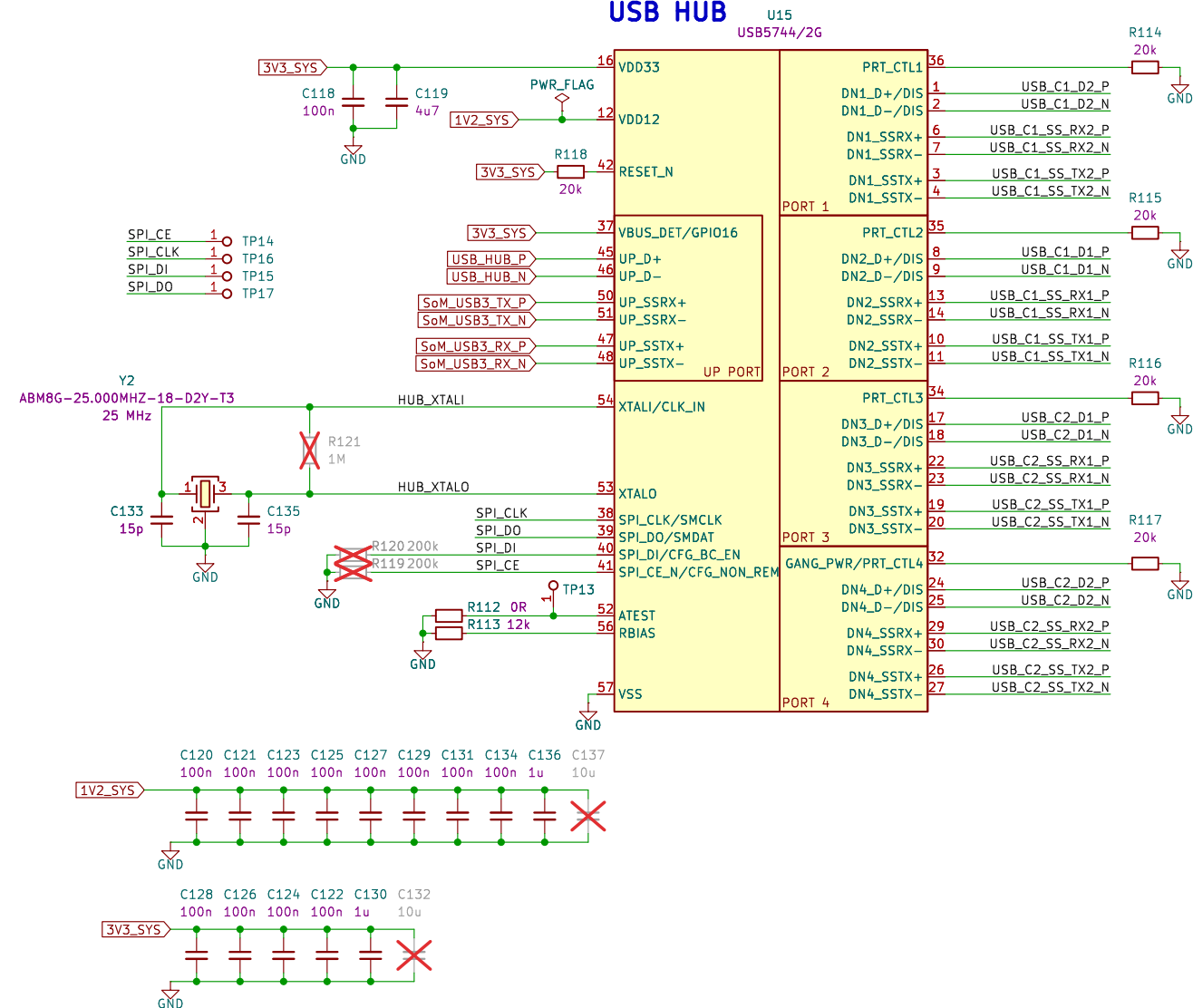
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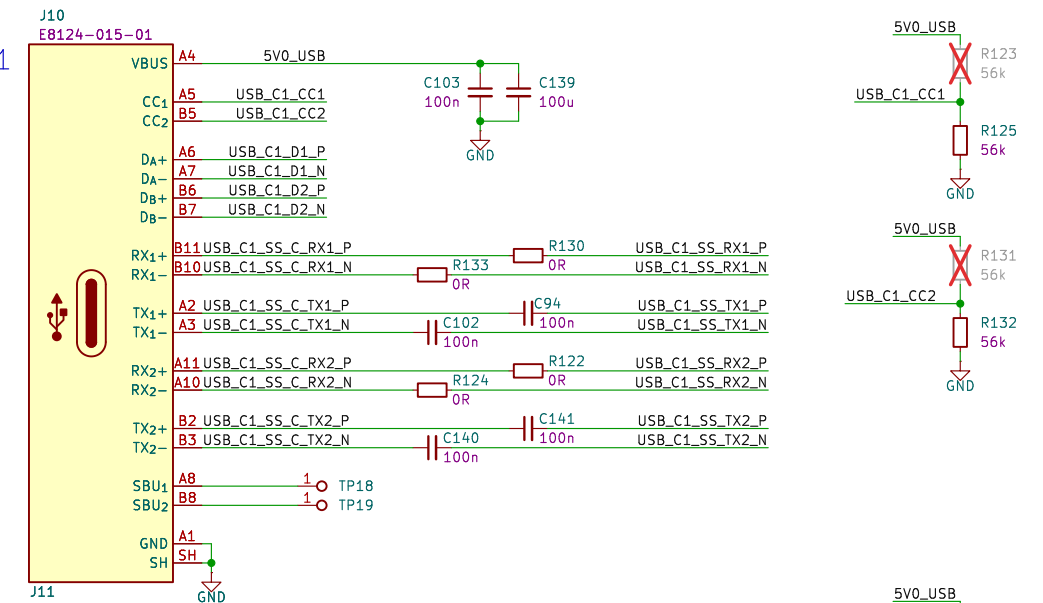
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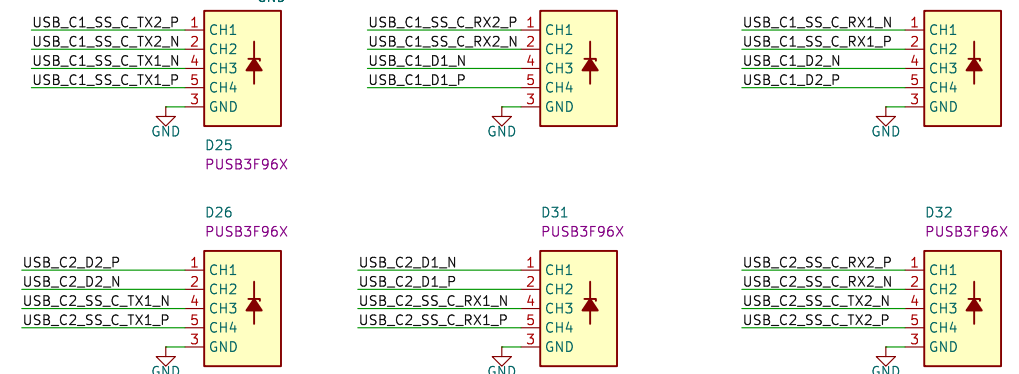
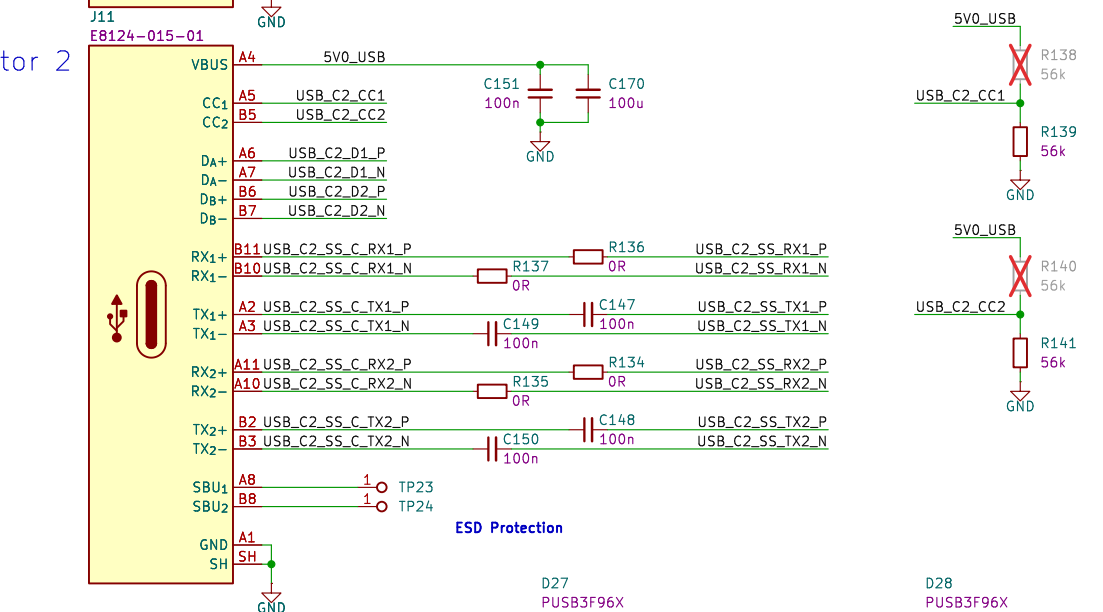
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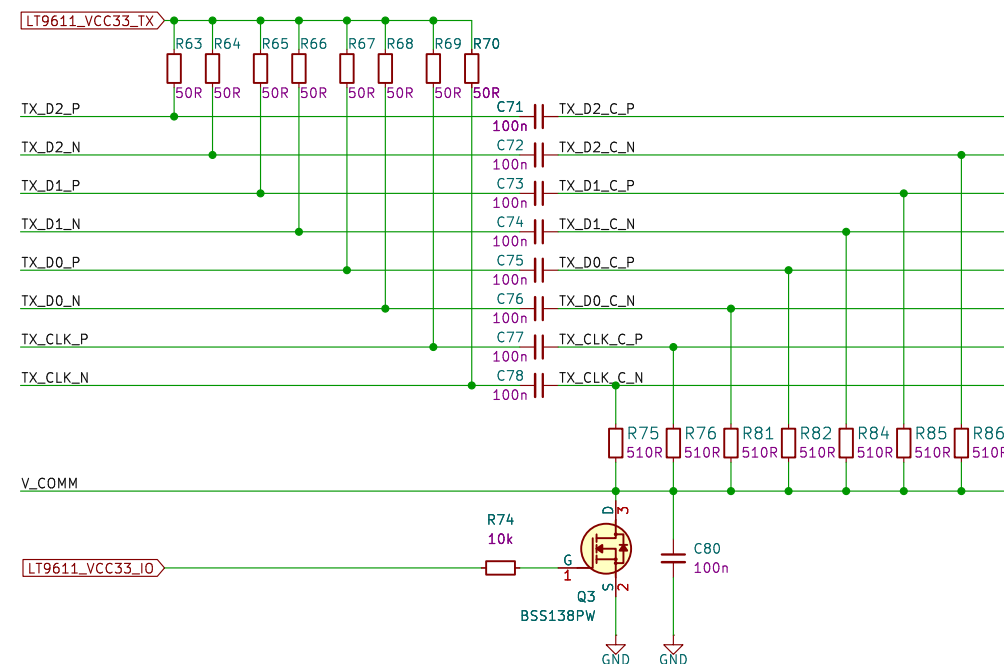
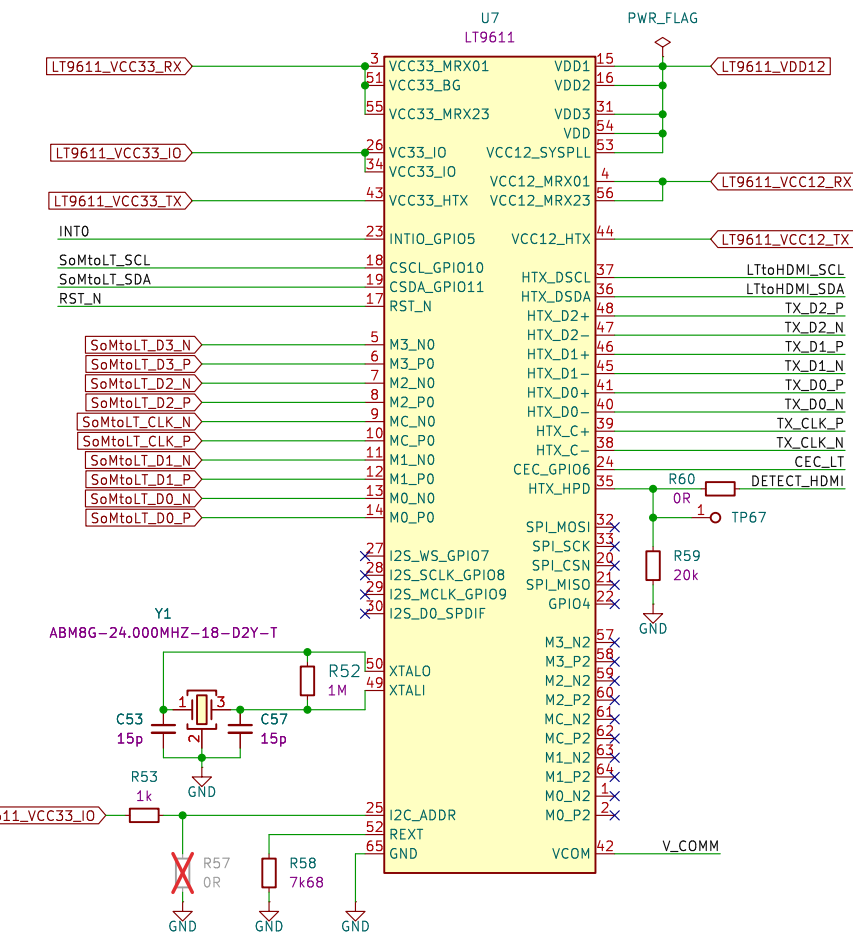
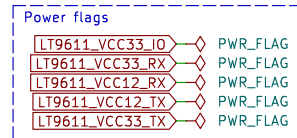
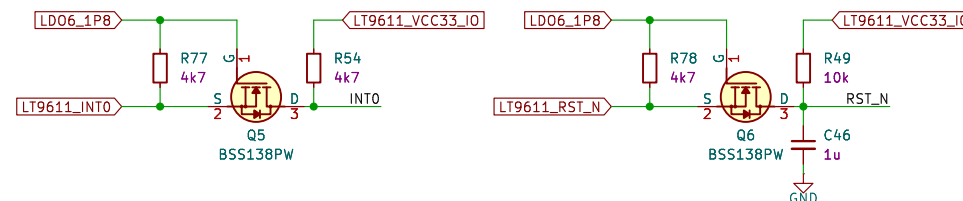
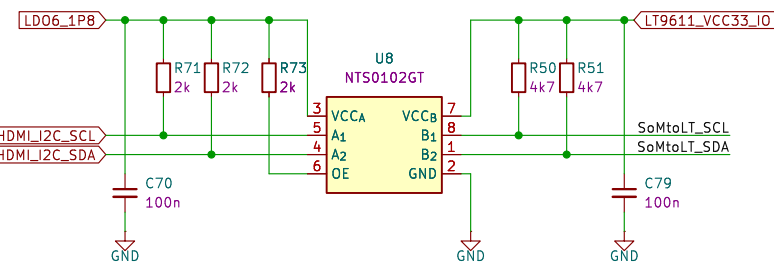
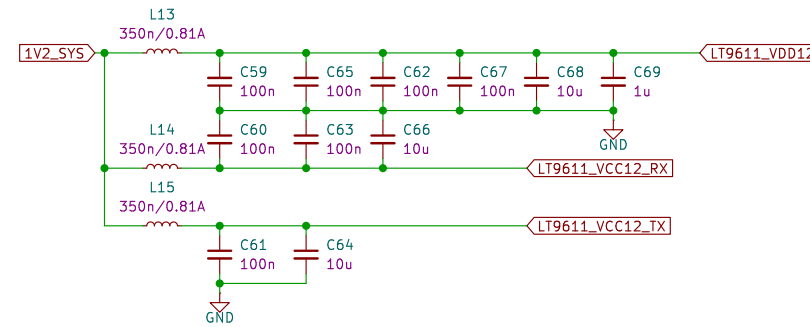
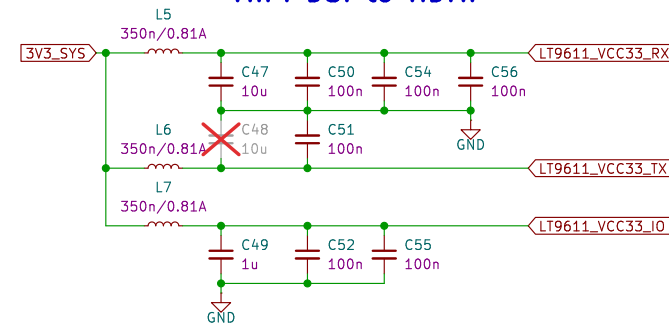
USB-C Connectors



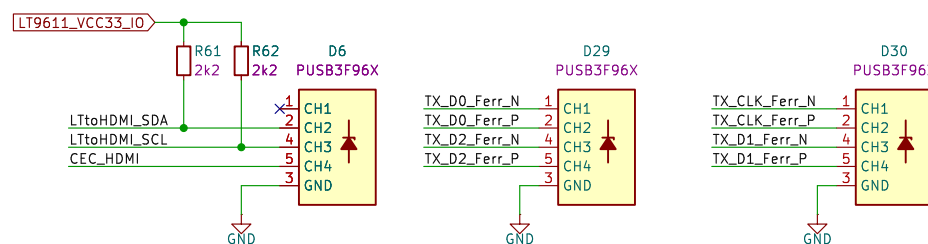
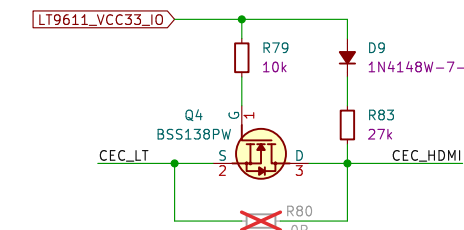
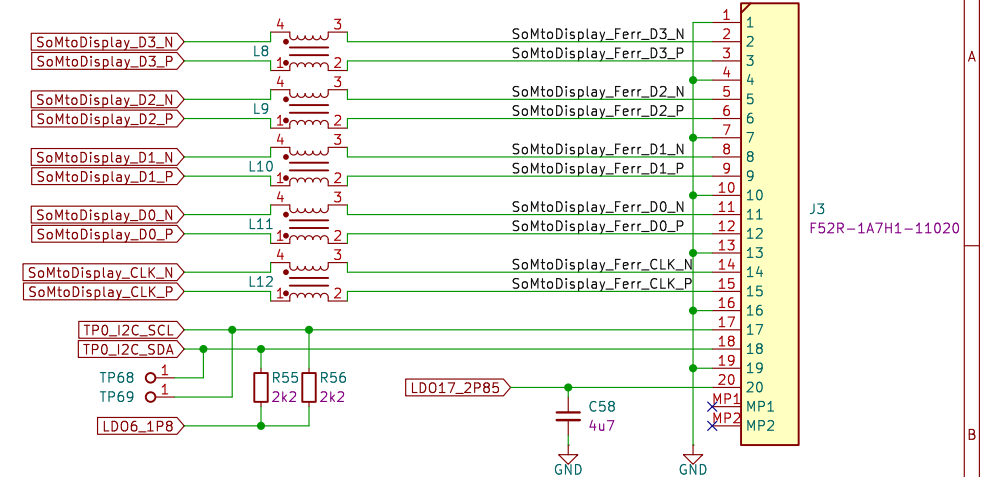
USB-C connector 2



MIPI DSI to HDMI



TP + LCD Interface



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Sheet: /display module/
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Title: Snapdragon 625 Baseboard

Size: A3

Date: 2024-07-08

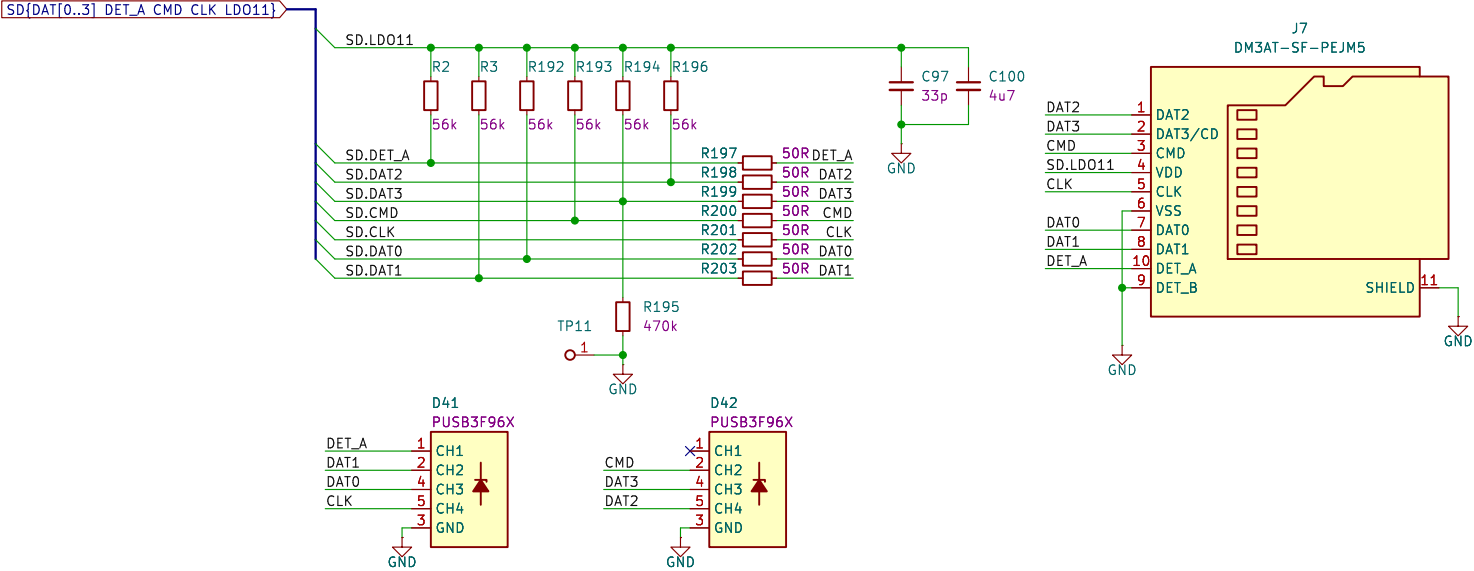
Rev: 1.1.2:d9752bb7

KiCad E.D.A. 9.0.7

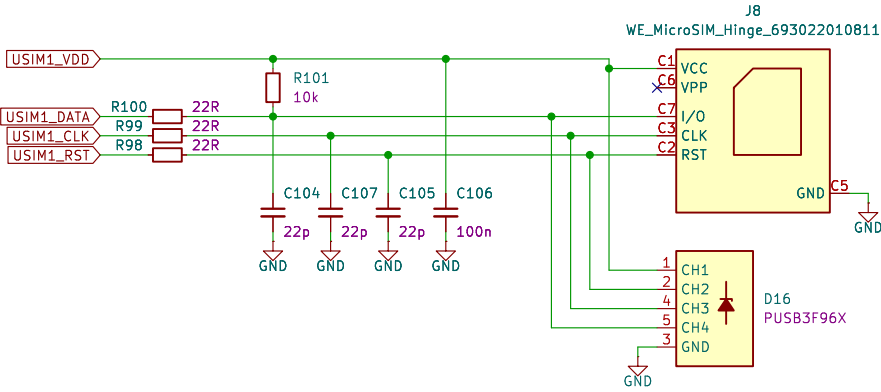
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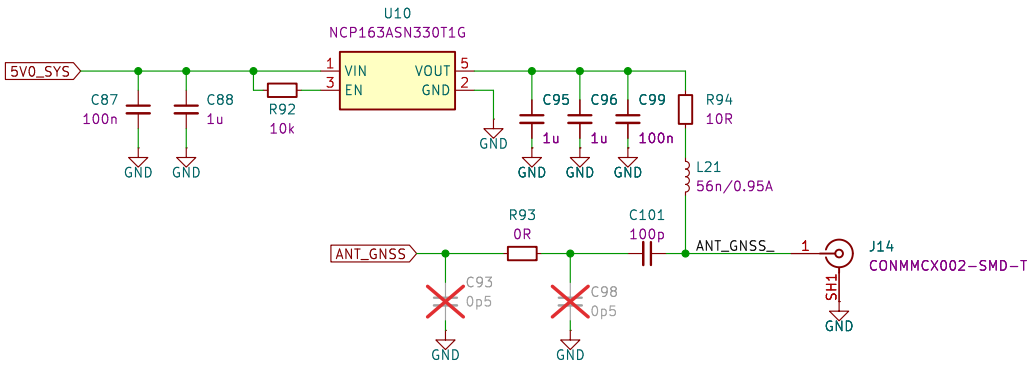
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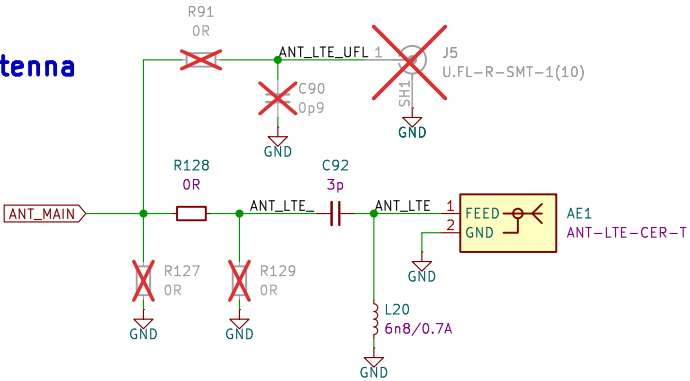
Main micro SIM connector



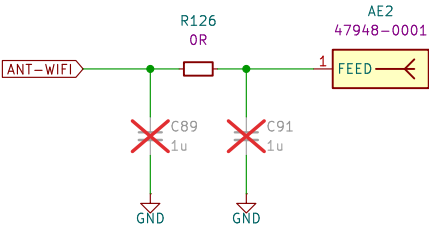
GNSS Antenna



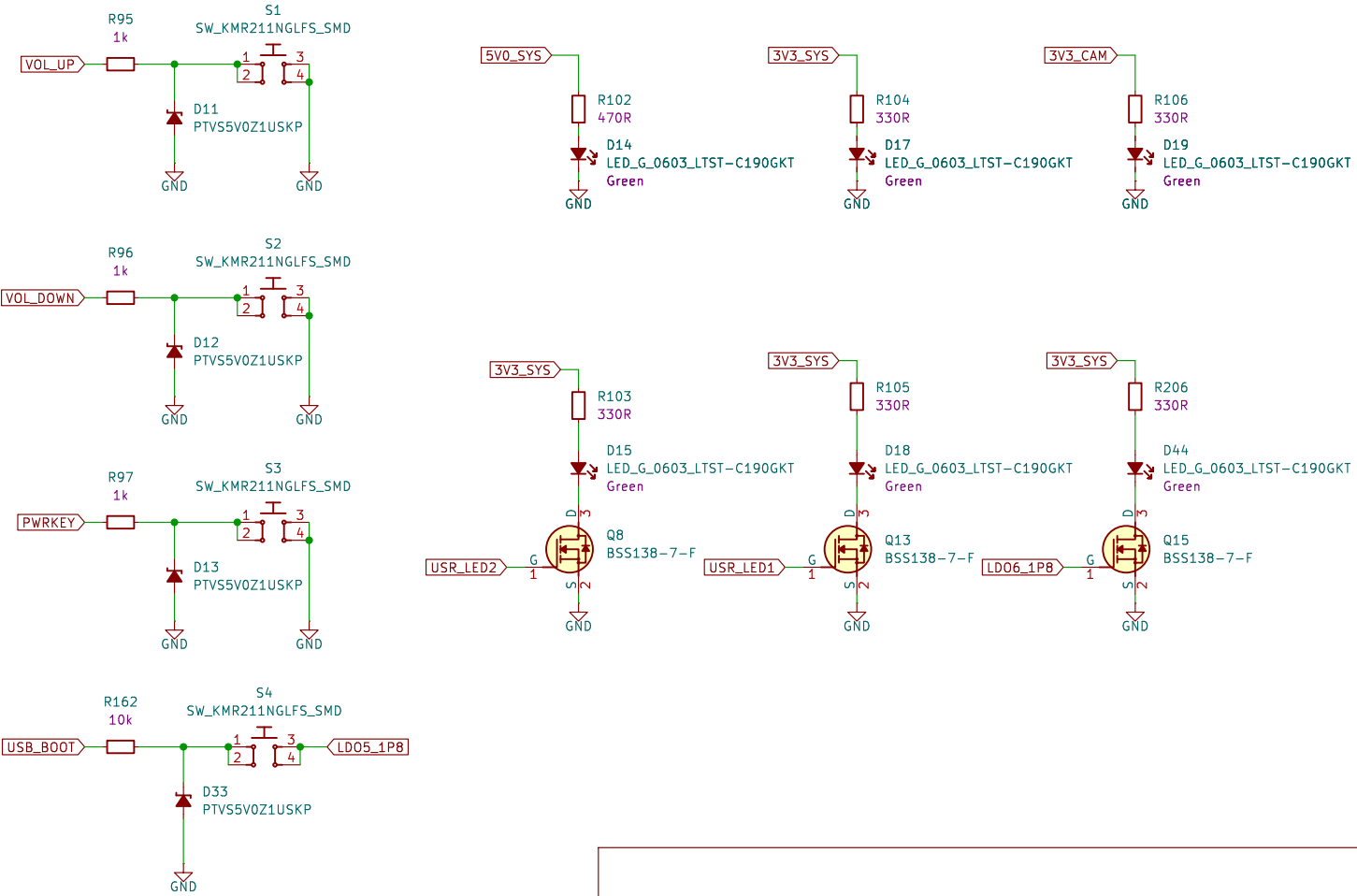
Main Antenna



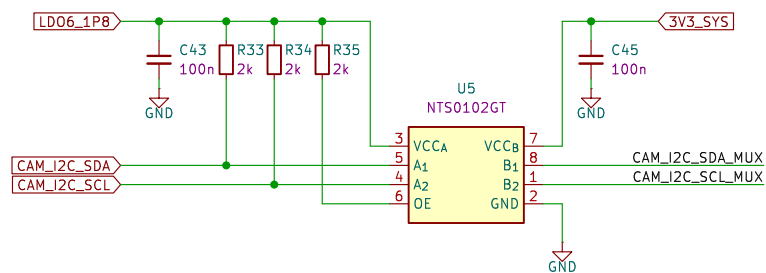
Wi-Fi Antenna



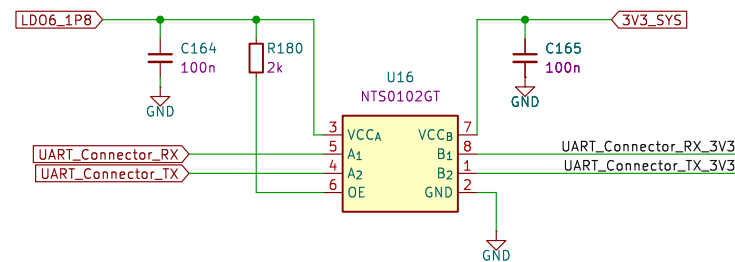
SYSTEM BUTTONS AND LEDs



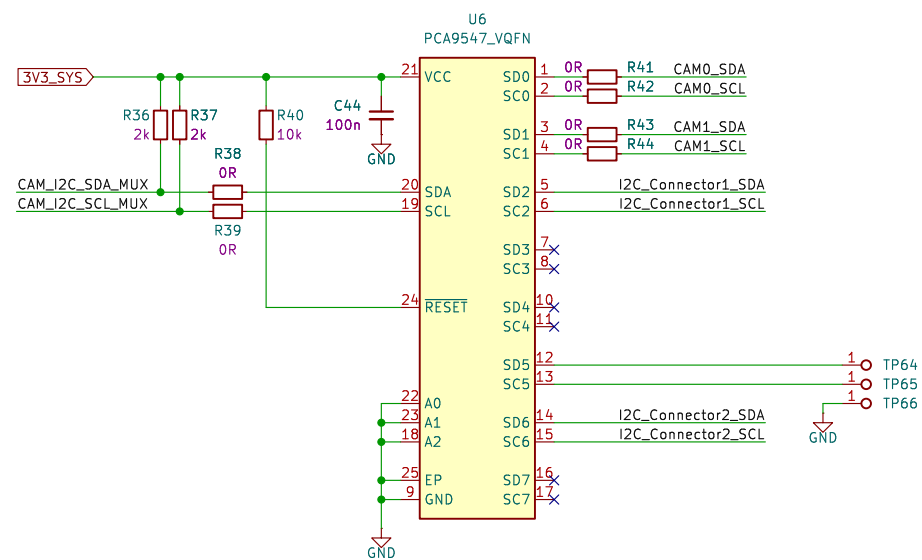
SoM to I2C Mux voltage translating transceiver



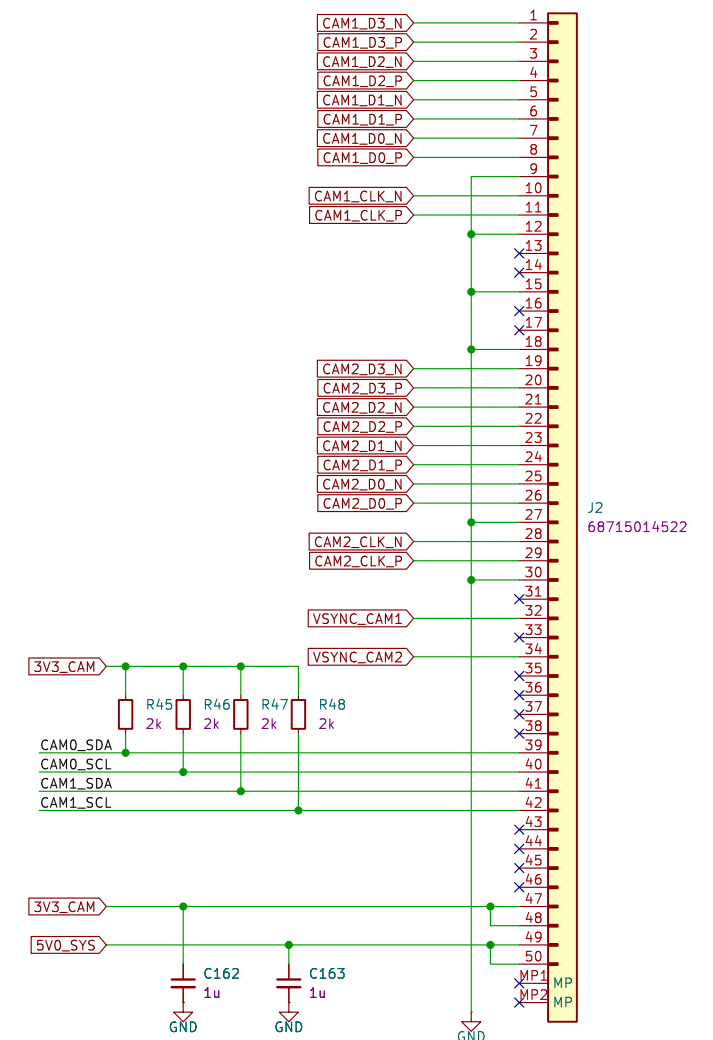
UART connector voltage translating transceiver



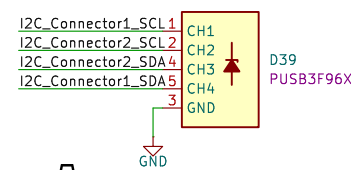
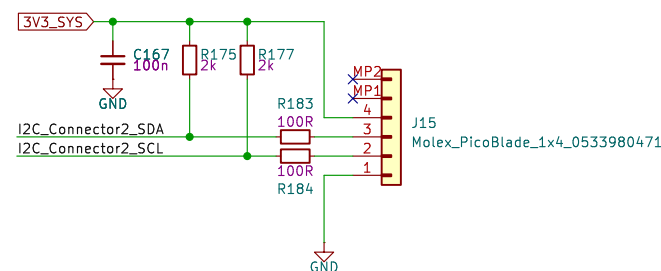
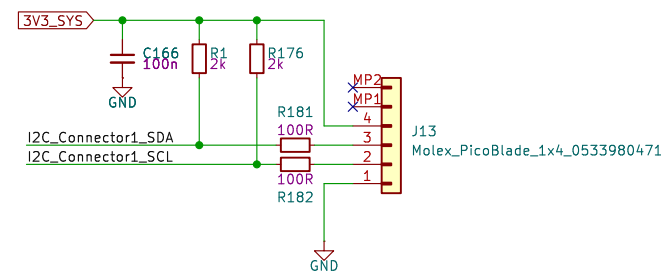
Camera I2C multiplexer



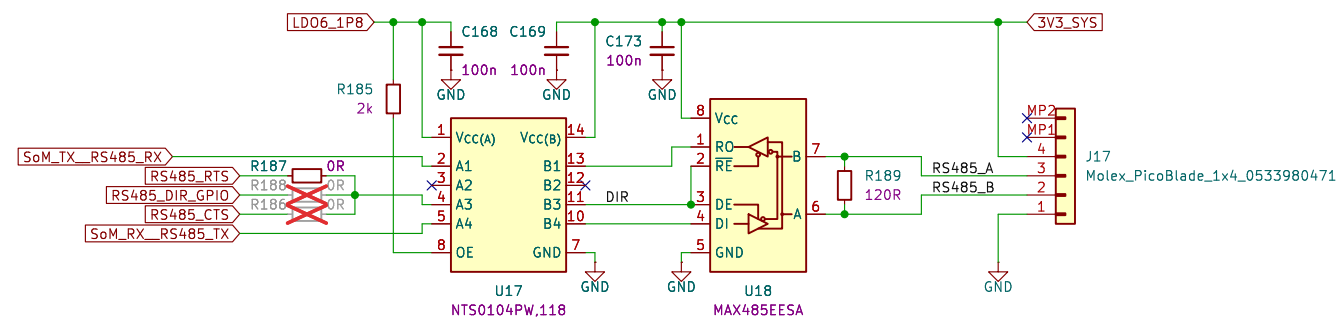
Camera FFC



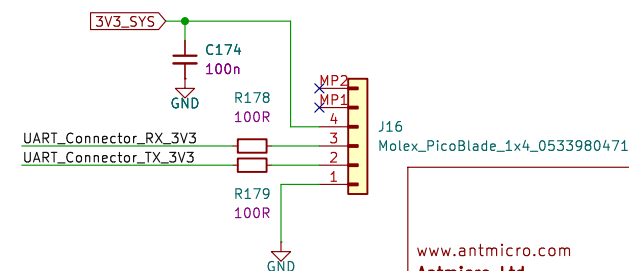
I2C connectors



RS485 connector and voltage translator



UART connector



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Sheet: /serial_and_cameras_interfaces/
File: serial_and_cameras_interfaces.kicad_sch

Title: Snapdragon 625 Baseboard

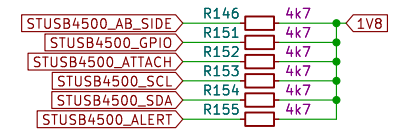
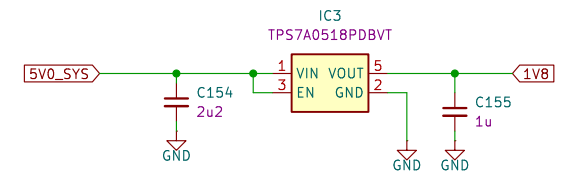
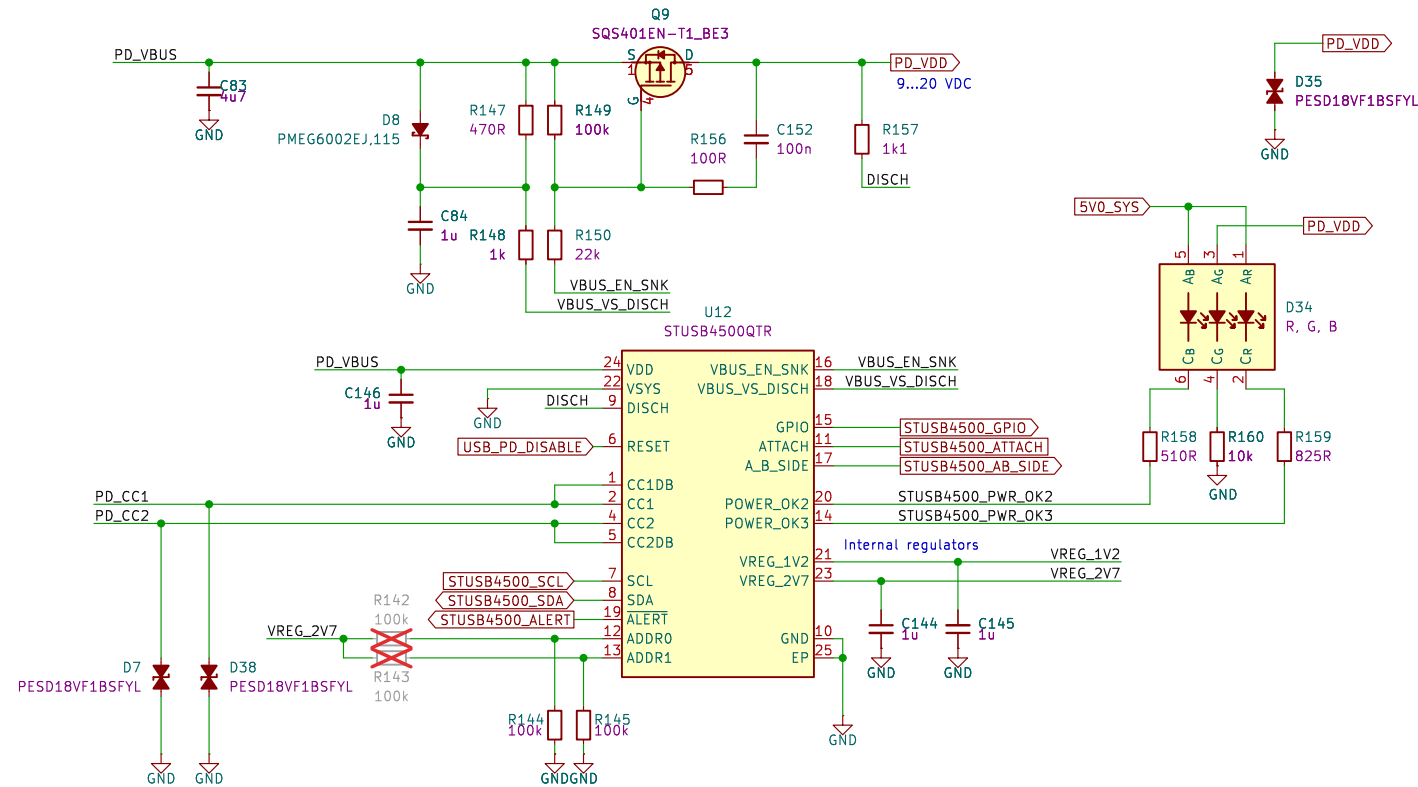
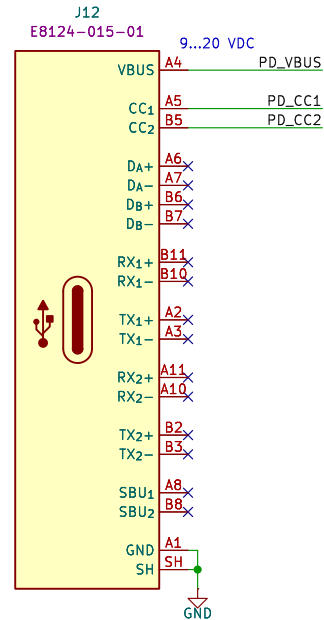
Size: A3 Date: 2024-07-08

KiCad E.D.A. 9.0.7

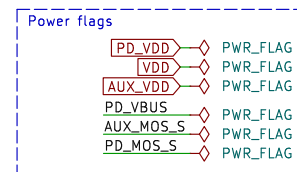
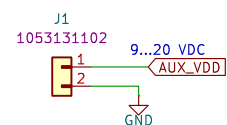
Rev: 1.1.2:d9752bb7

Id: 8/9

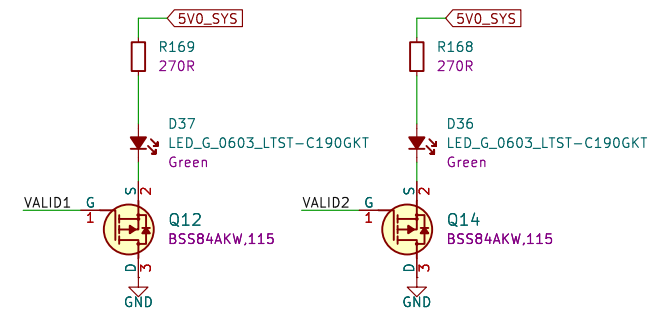
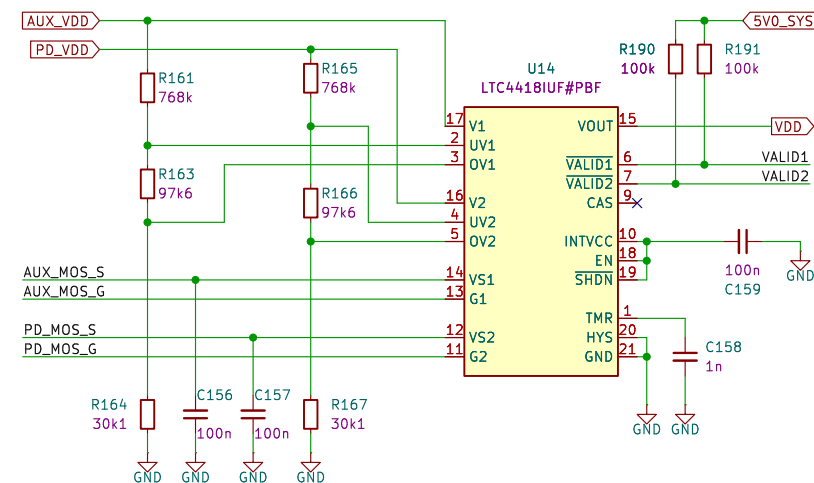
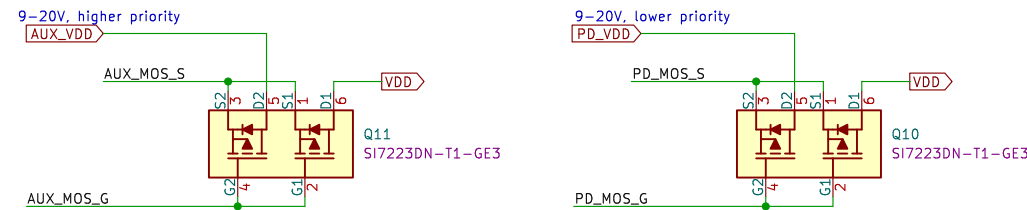
USB-C PD



AUX Power input



Auxiliary Power Control



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Sheet: /USB-PD/

File: USB-PD.kicad_sch

Title: Snapdragon 625 Baseboard

Size: A3

Date: 2024-07-08

Rev: 1.1.2:d9752bb7

KiCad E.D.A. 9.0.7

Id: 9/9