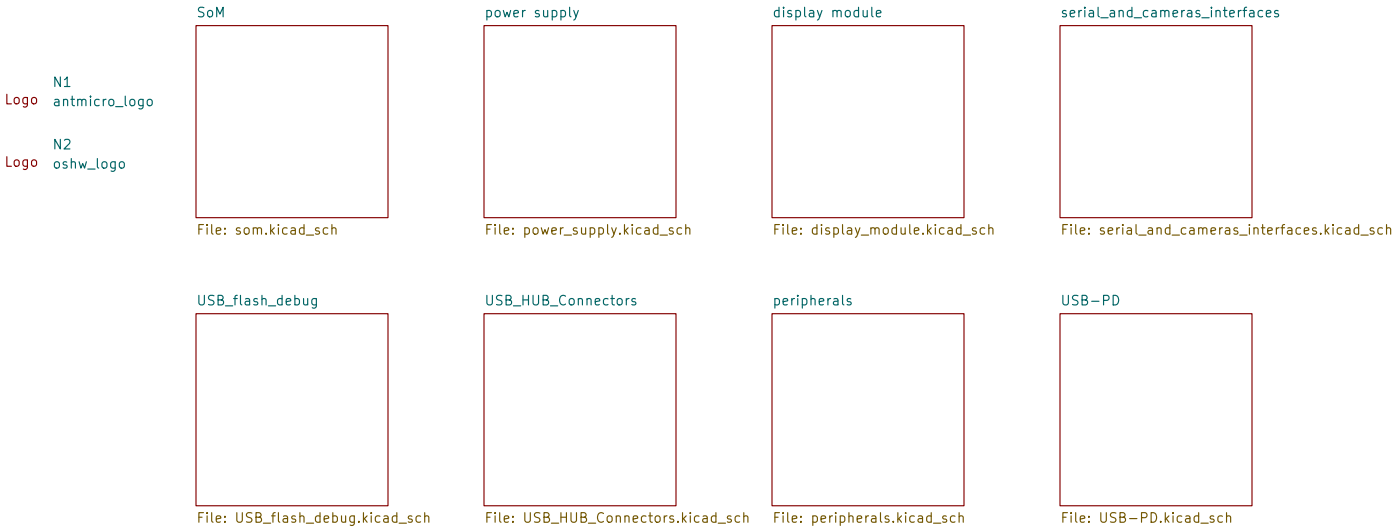


MP1
Spacer_H3mm_9774030243R

MP3
Spacer_H3mm_9774030243R



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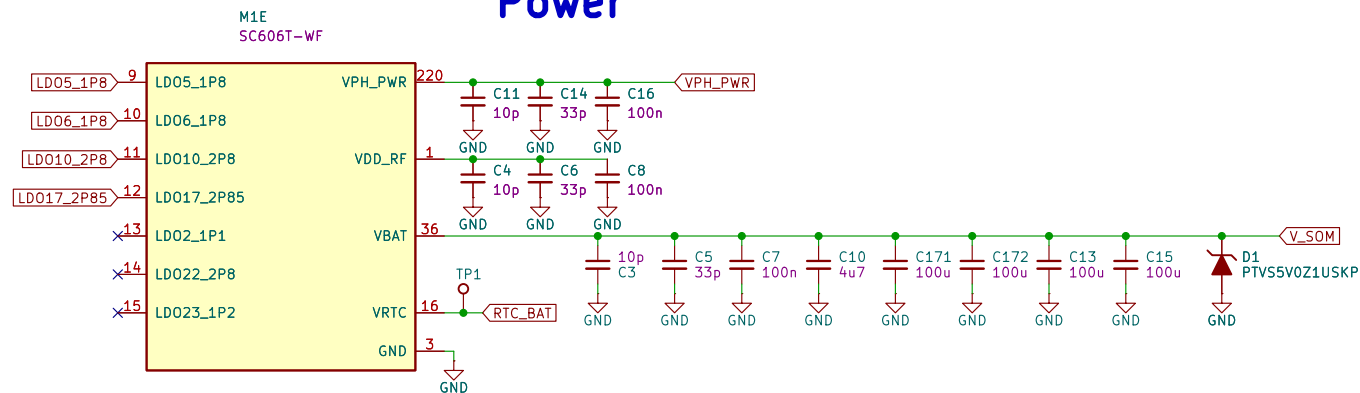
Sheet: /
File: sc606-baseboard.kicad_sch

Title: Snapdragon 625 Baseboard

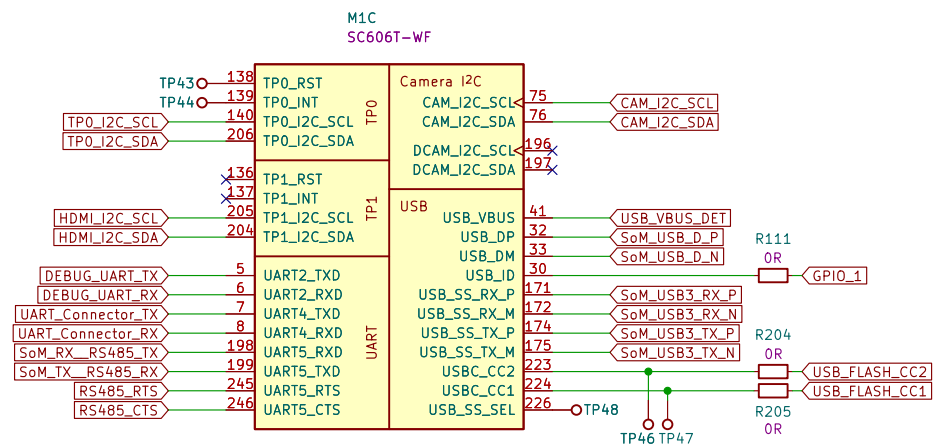
Size: A3 Date: 2022-05-10
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1

Rev: 1.1.1
Id: 1/9

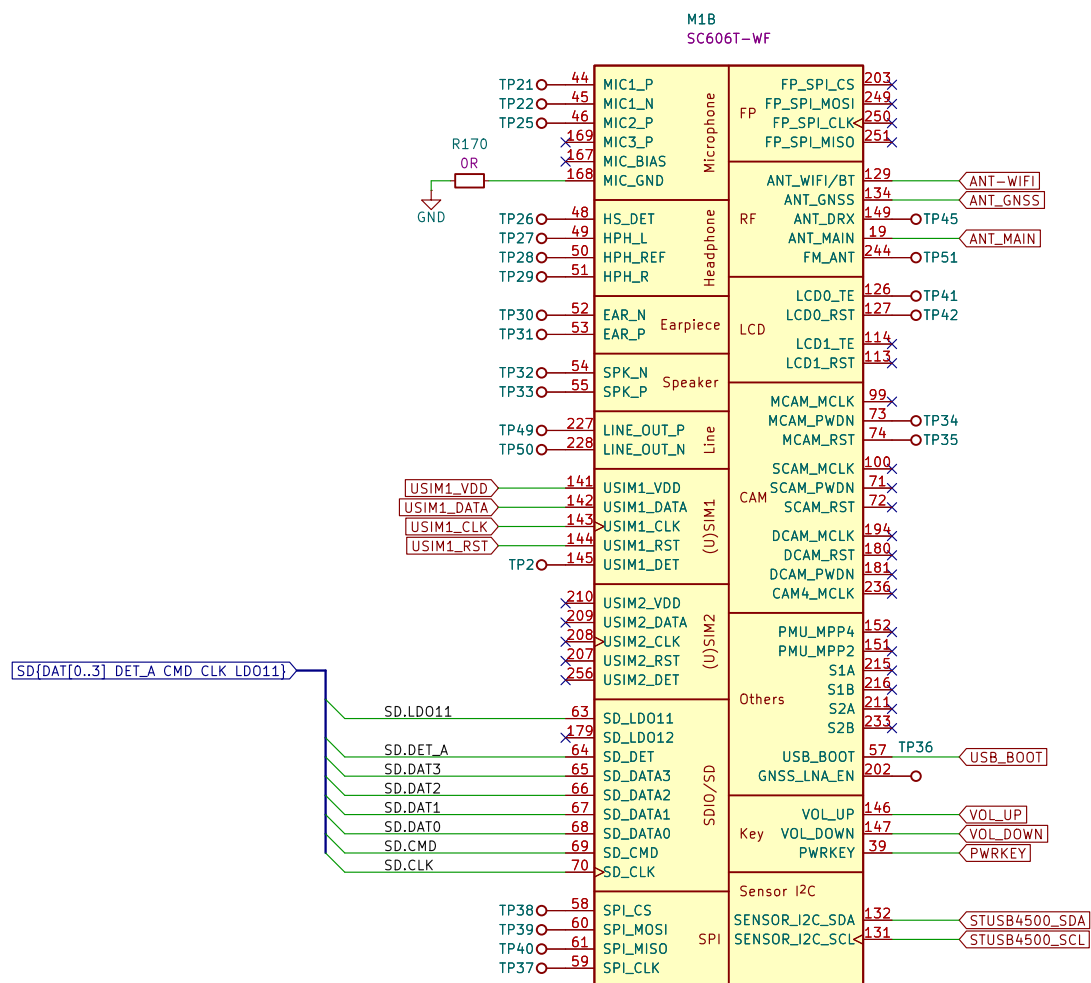
Power



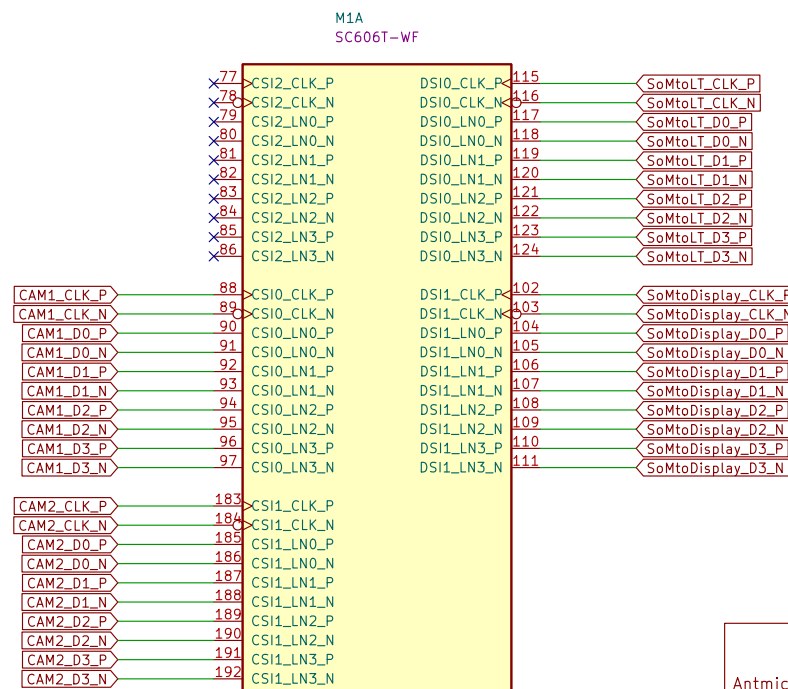
I2C, USB SS, UART



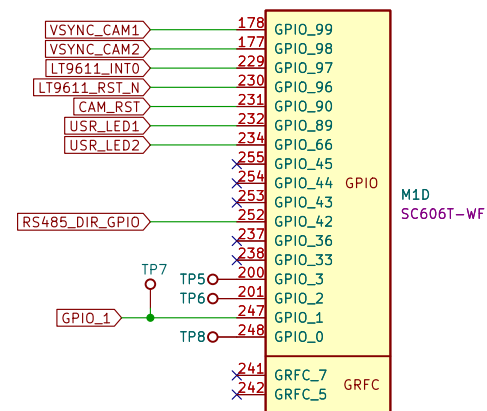
MISC



CSI, DSI



GPIO



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Sheet: /SoM/
File: som.kicad_sch

Title: Snapdragon 625 Baseboard

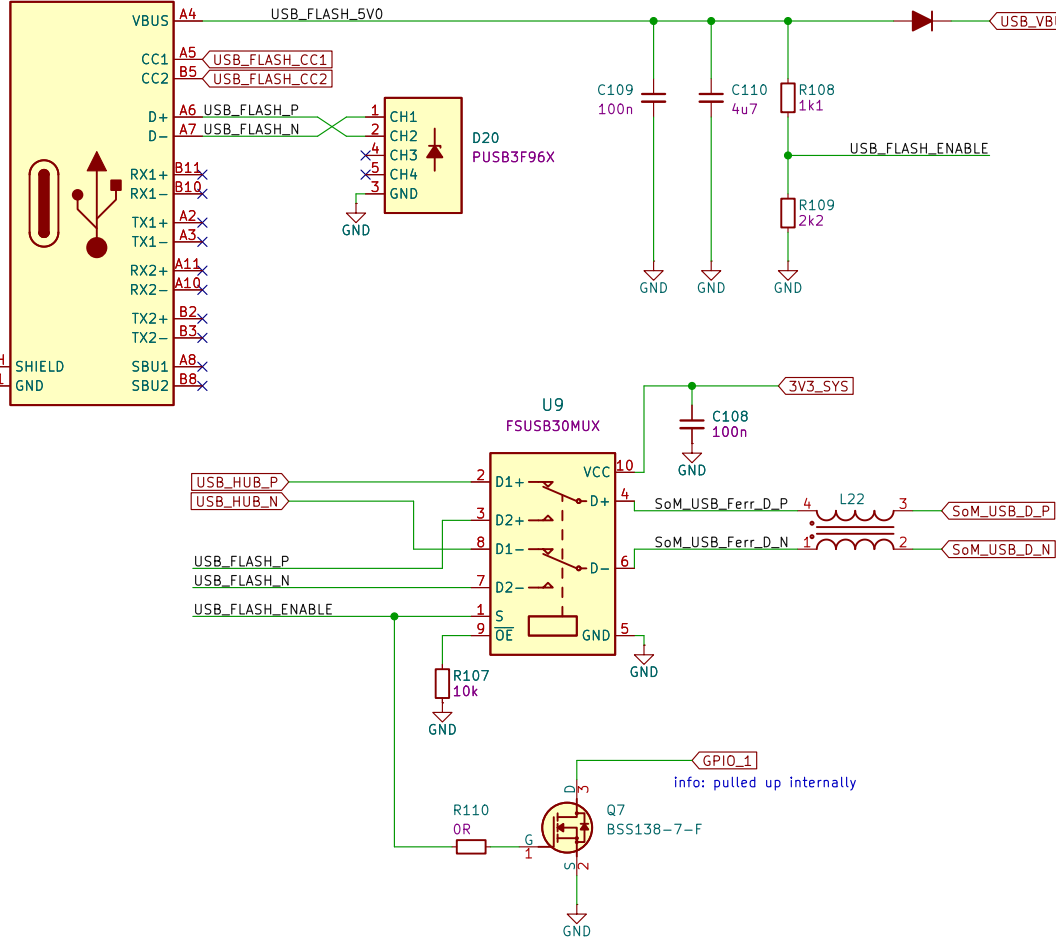
Size: A3 Date: 2022-05-10

KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1

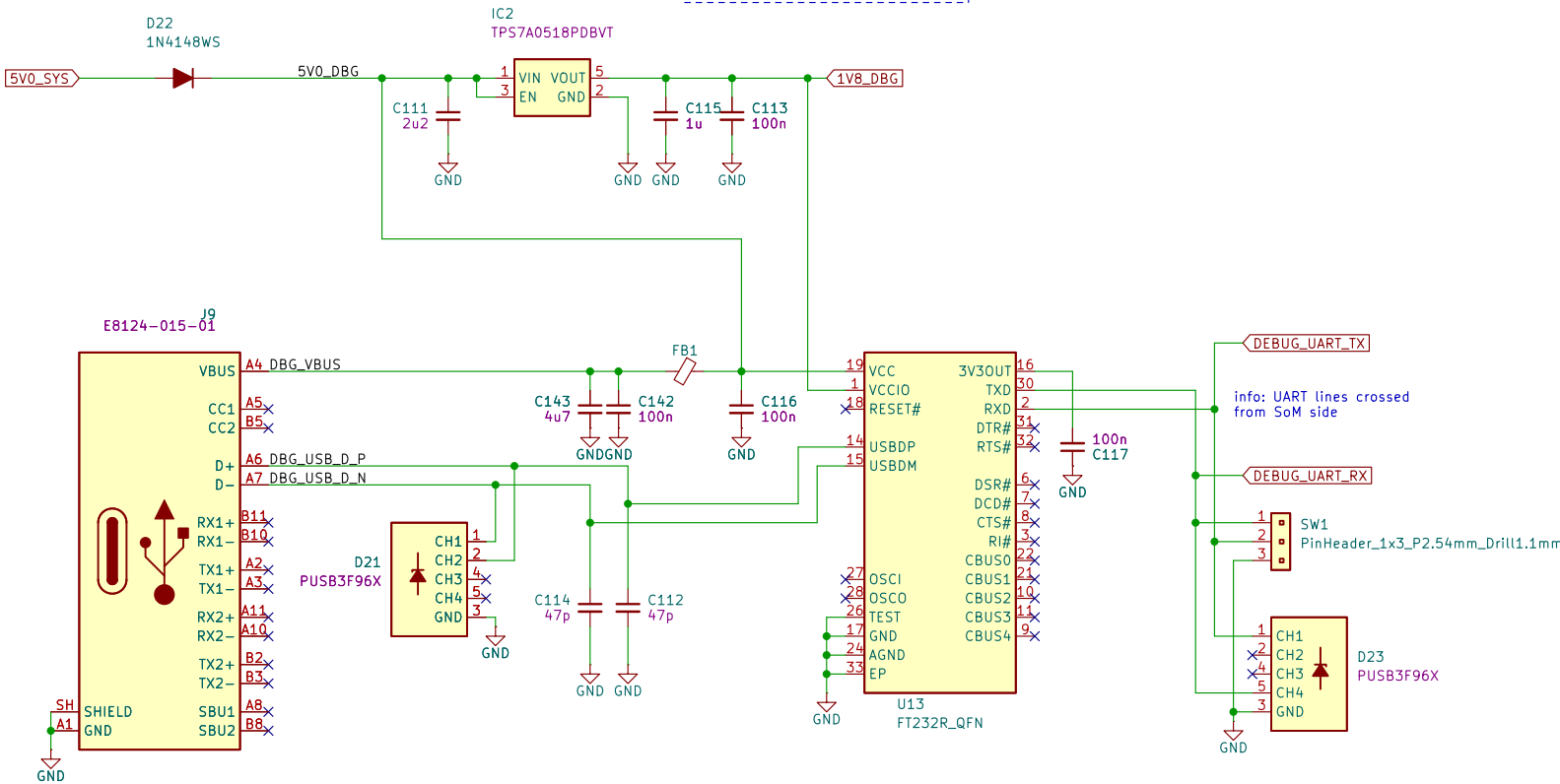
Rev: 1.1.1

Id: 2/9

USB SoM flashing IF



Debug UART



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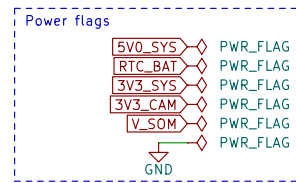
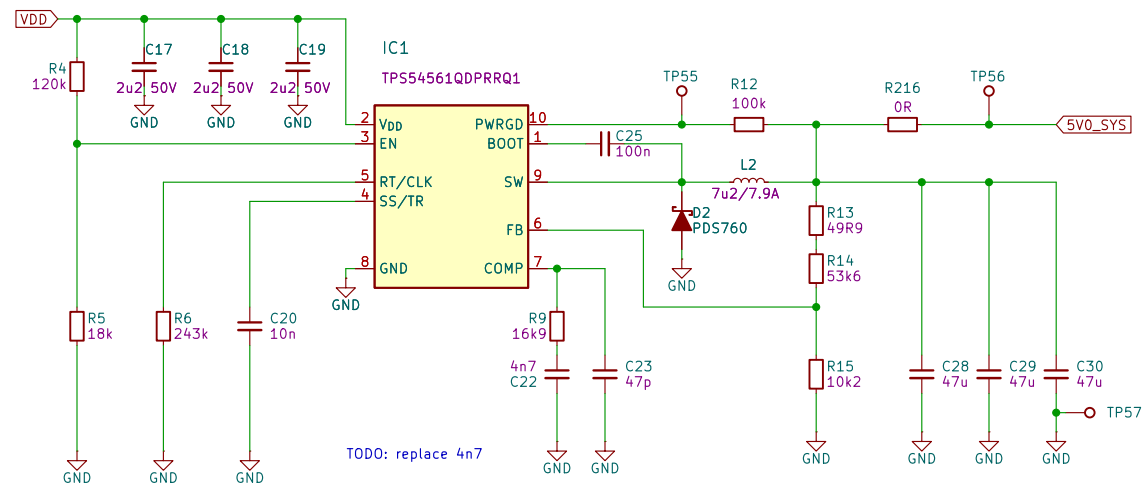
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File: USB_flash_debug.kicad_sch

Title: Snapdragon 625 Baseboard

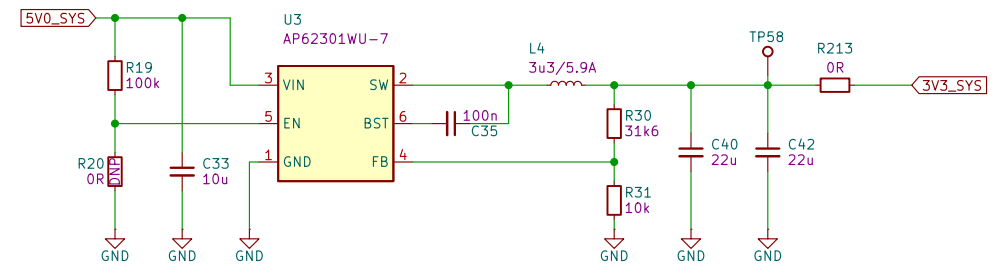
Size: A3	Date: 2022-05-10
KiCad E.D.A. eeschema 6.0.11+dfsg-1~bpo11+1	

Rev: 1.1.1
Id: 3/9

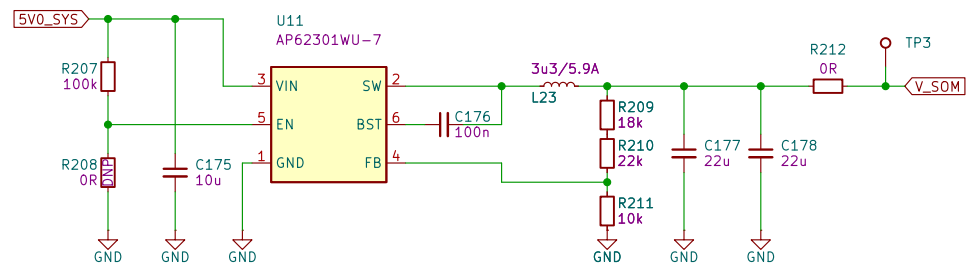
5V Main DC/DC



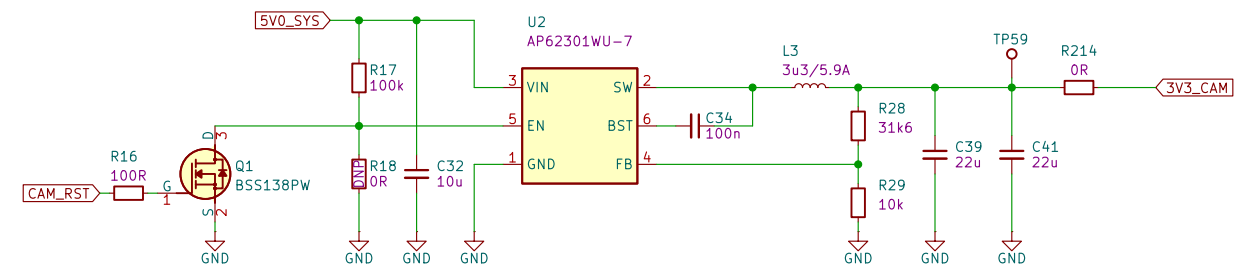
5V to 3V3 DC/DC for system



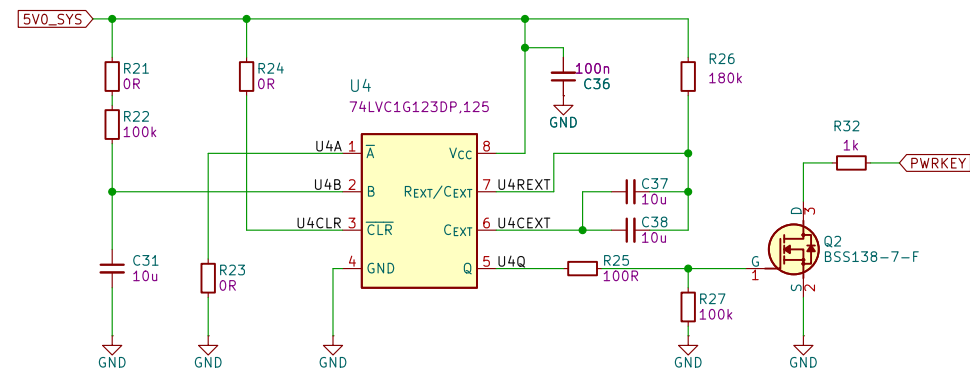
4V step down DC/DC from 5V



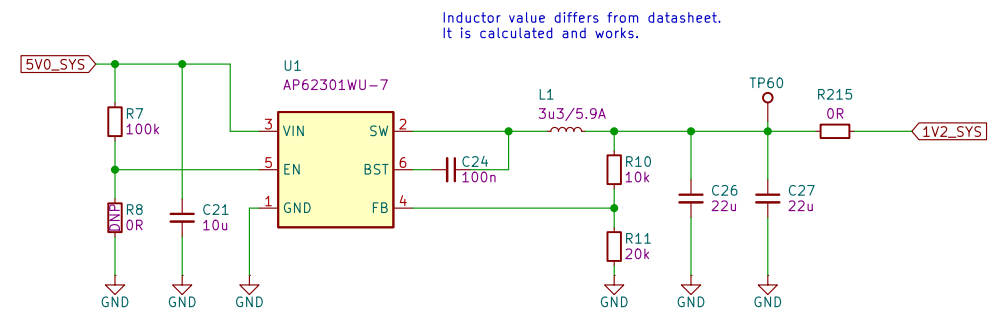
5V to 3V3 DC/DC for camera



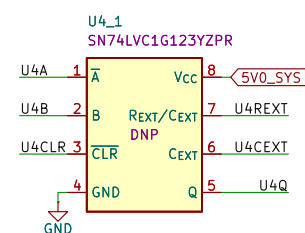
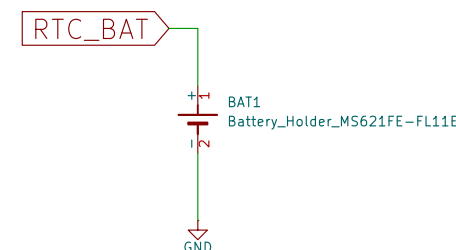
Auto Power-On



5V to 1V2 for Lontium9611



RTC



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Sheet: /power supply/
File: power_supply.kicad_sch

Title: Snapdragon 625 Baseboard

Size: A3 Date: 2022-05-10

KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1

Rev: 1.1.1

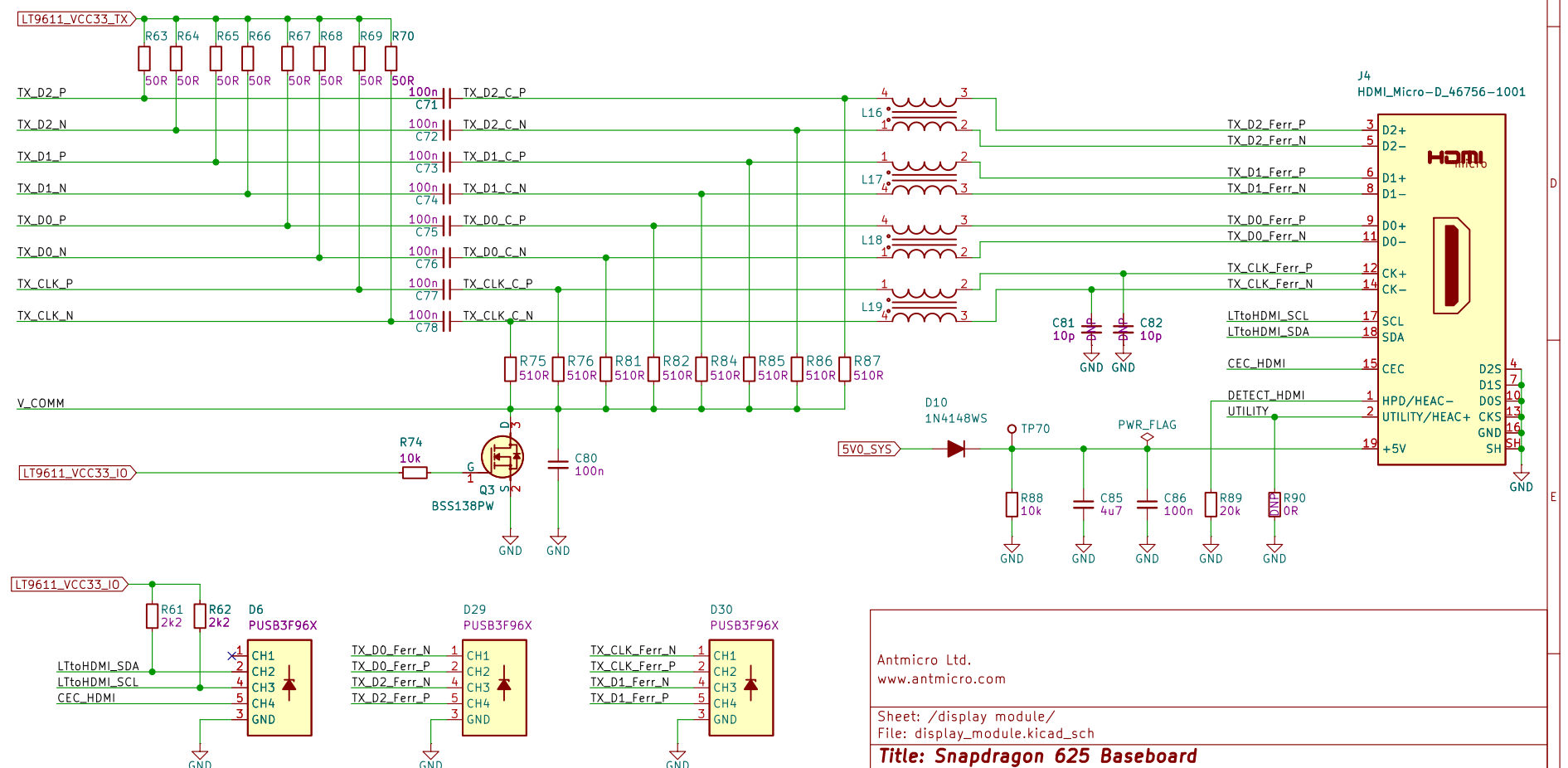
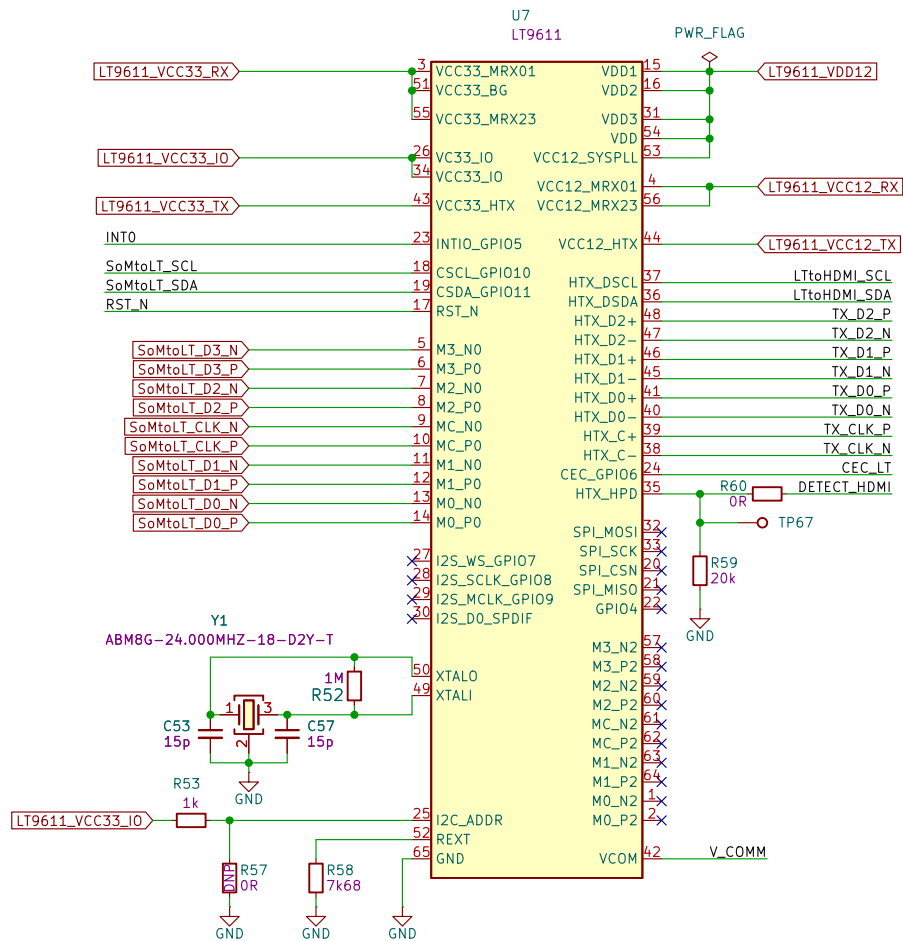
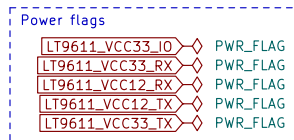
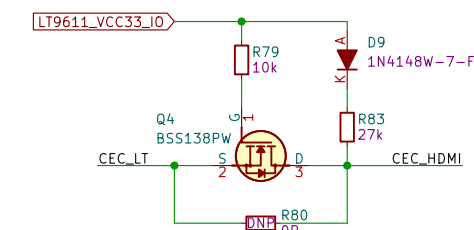
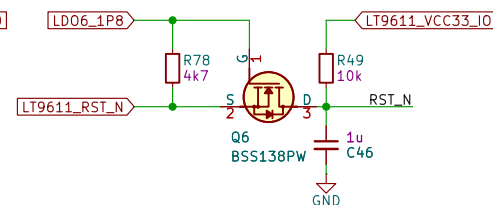
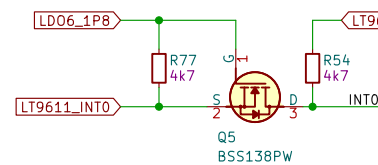
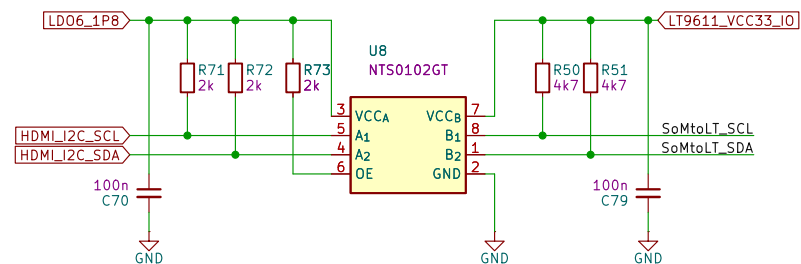
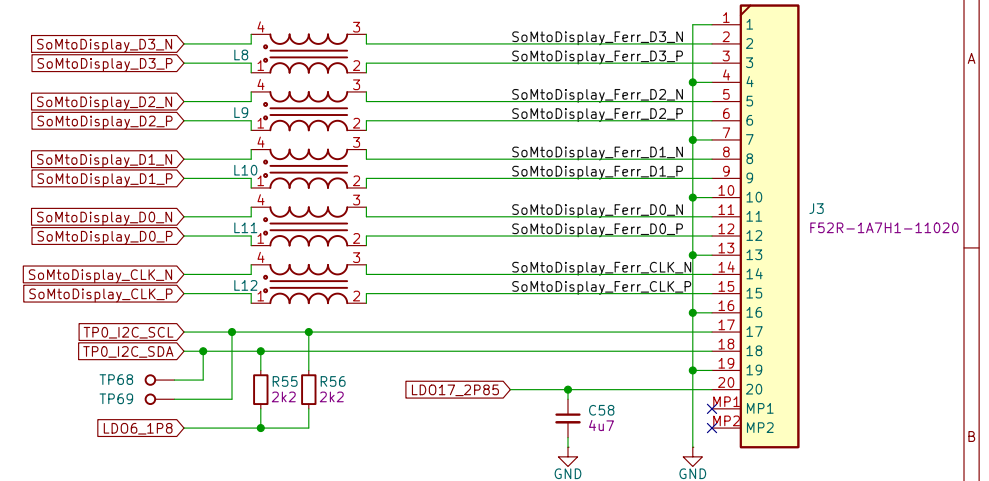
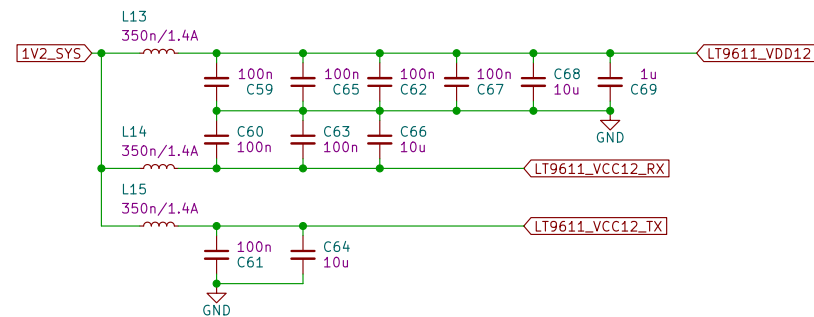
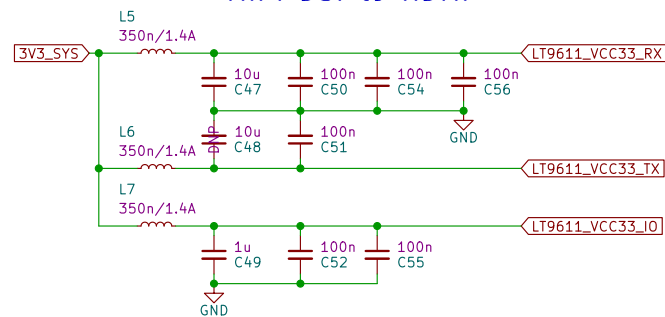
Id: 4/9

1	2	3	4	5	6	7	8
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7	8
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USB-C connector 1

USB-C connector 2



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Sheet: /display module/
File: display_module.kicad_sch

Title: Snapdragon 625 Baseboard

Size: A3	Date: 2022-05-10
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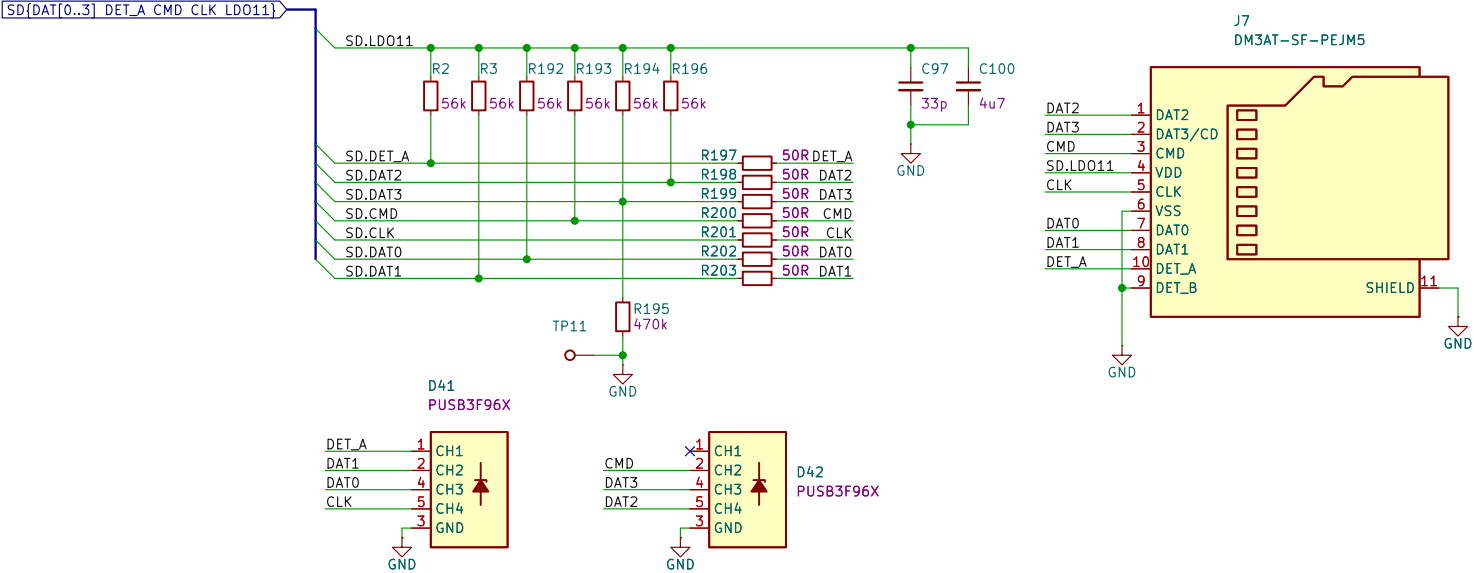
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[illegible]

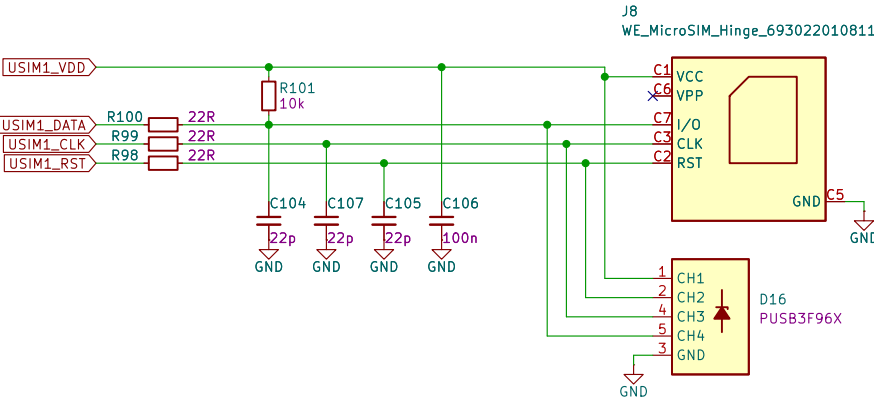
Rev: 1.1.1

id: 6/9

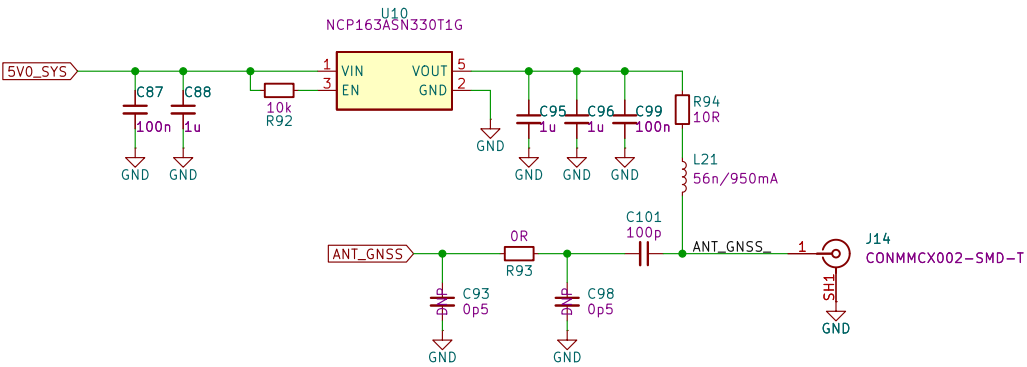
Main SD card connector



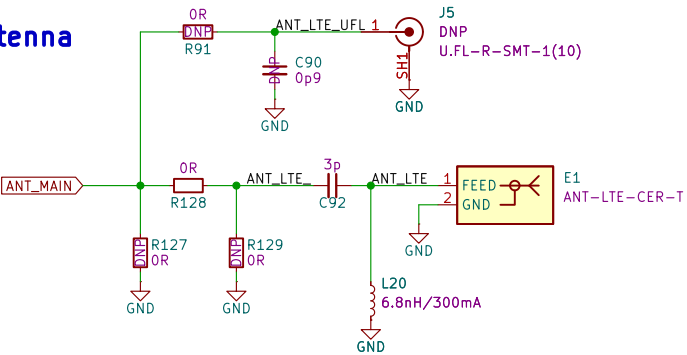
Main micro SIM connector



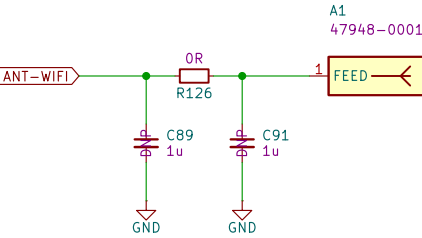
GNSS Antenna



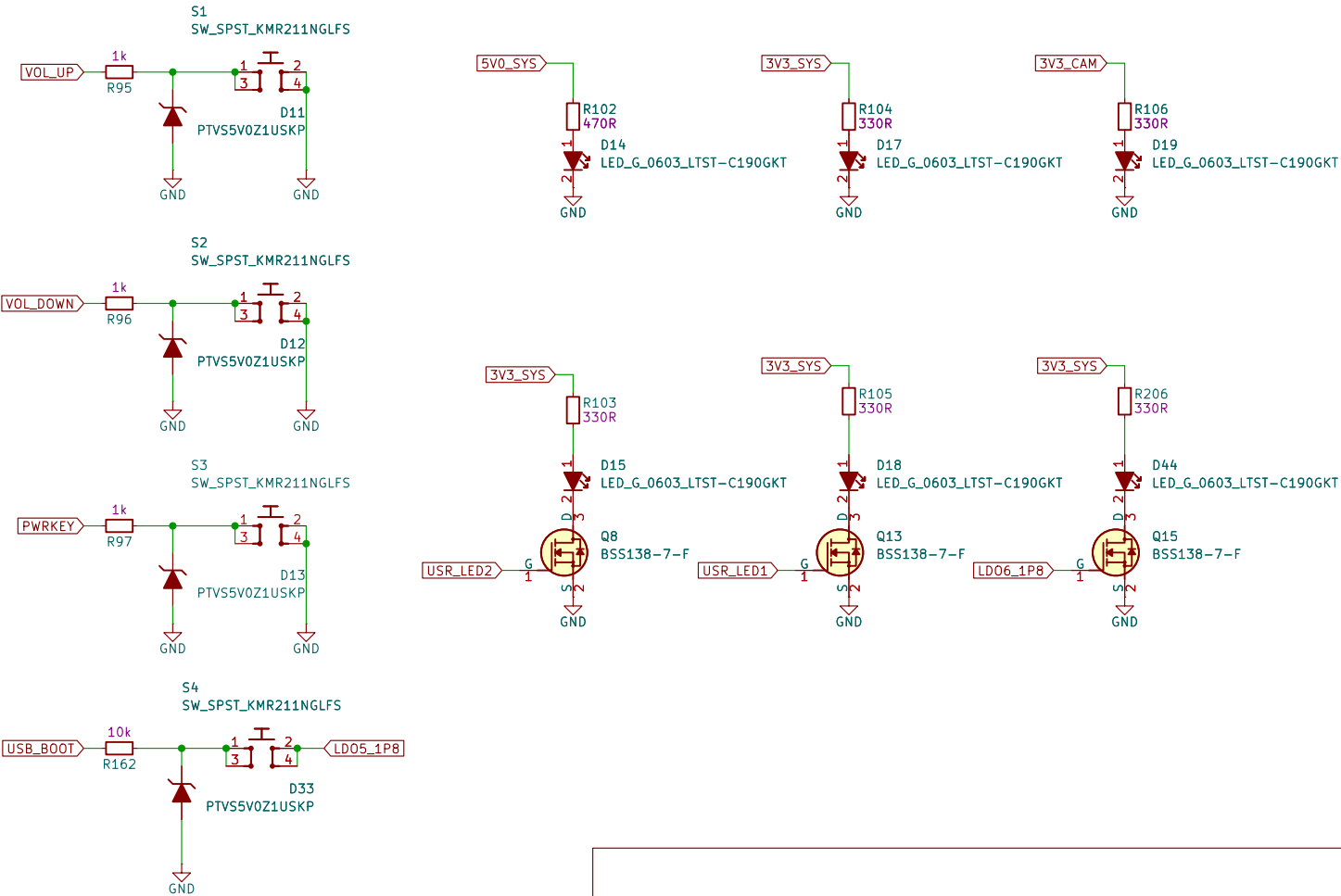
Main Antenna



Wi-Fi Antenna



SYSTEM BUTTONS AND LEDs



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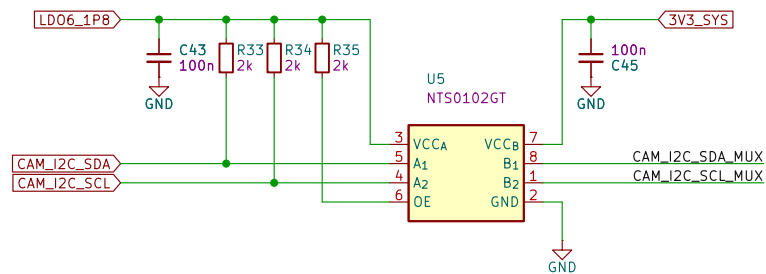
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Title: **Snapdragon 625 Baseboard**

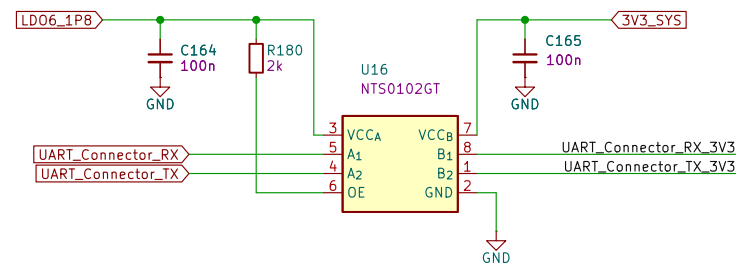
Size: A3 Date: 2022-05-10
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Rev: 1.1.1
Id: 7/9

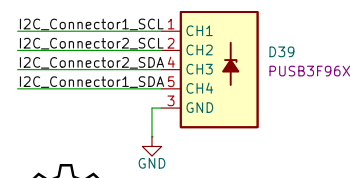
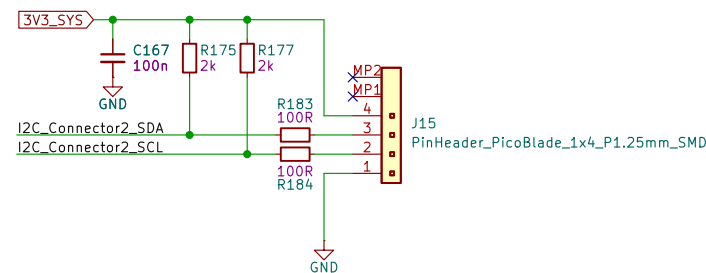
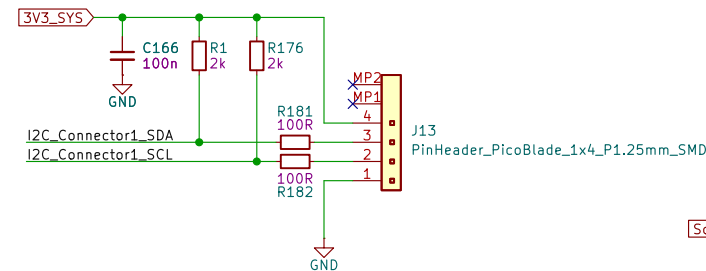
SoM to I2C Mux voltage translating transceiver



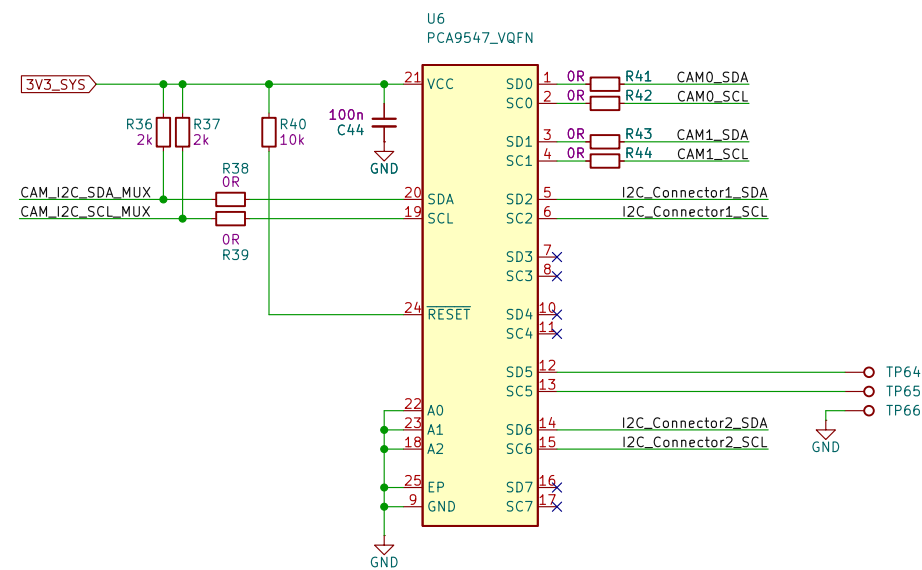
UART connector voltage translating transceiver



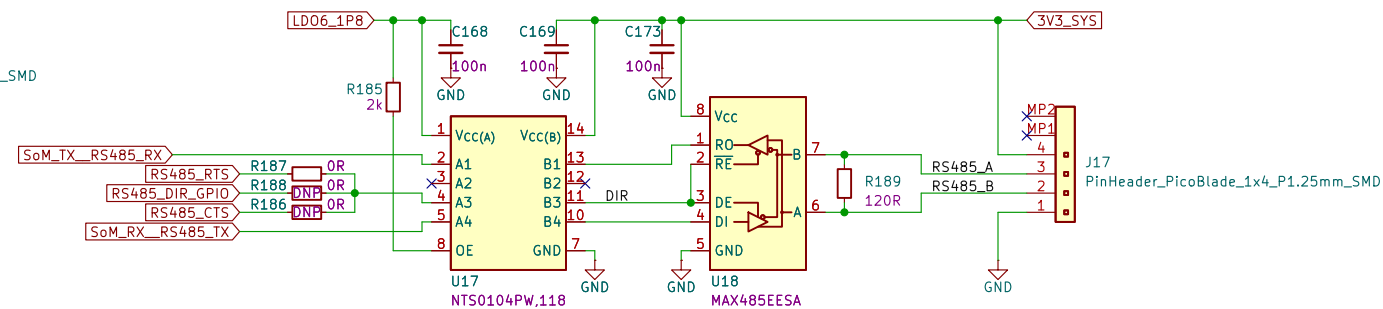
I2C connectors



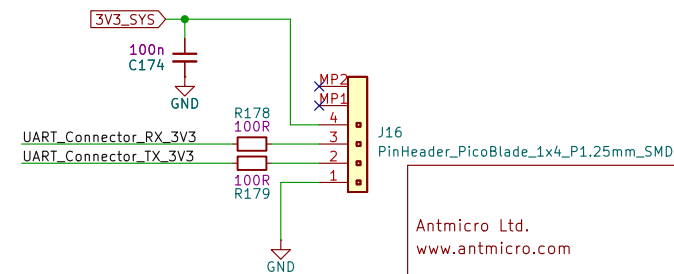
Camera I2C multiplexer



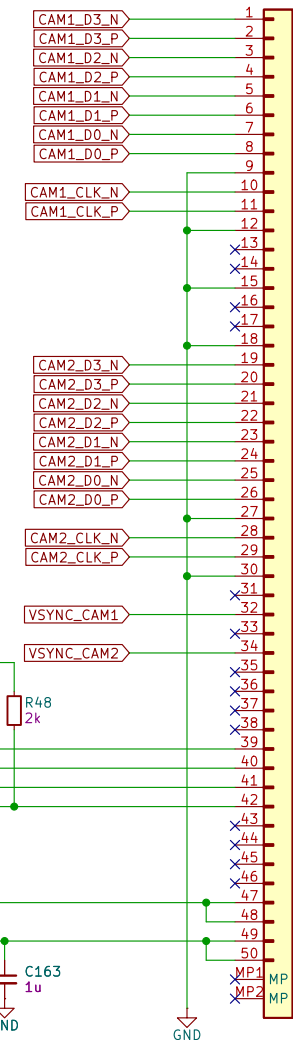
RS485 connector and voltage translator



UART connector



Camera FFC



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Sheet: /serial_and_cameras_interfaces/
File: serial_and_cameras_interfaces.kicad_sch

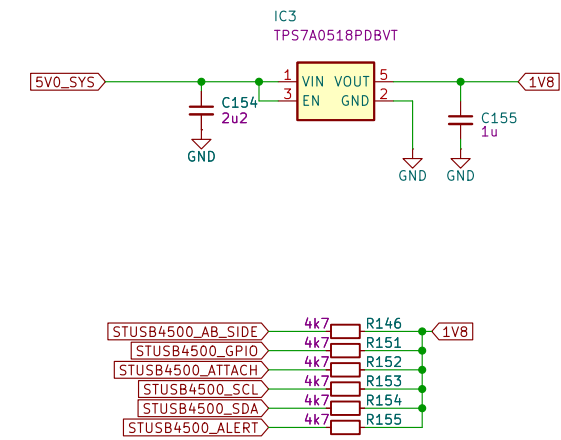
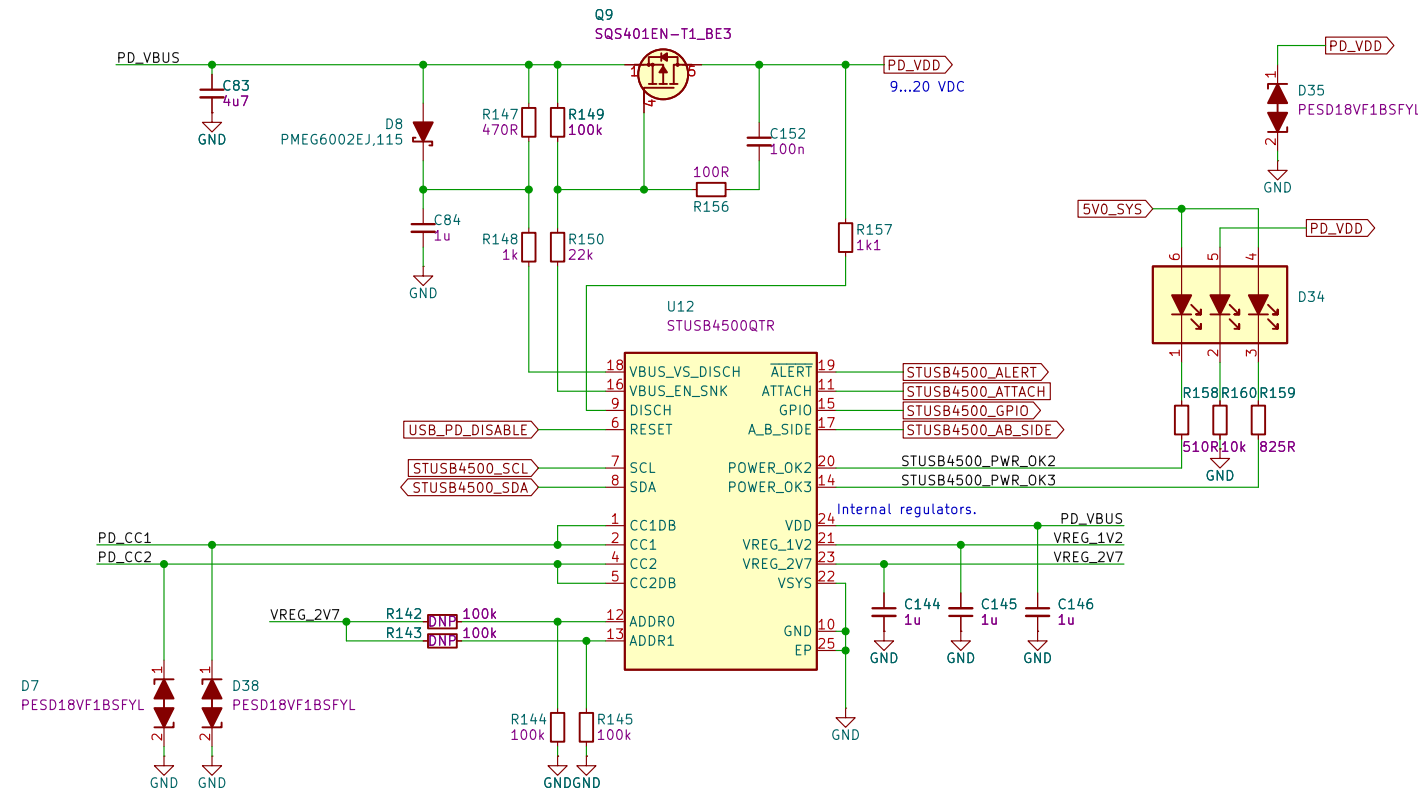
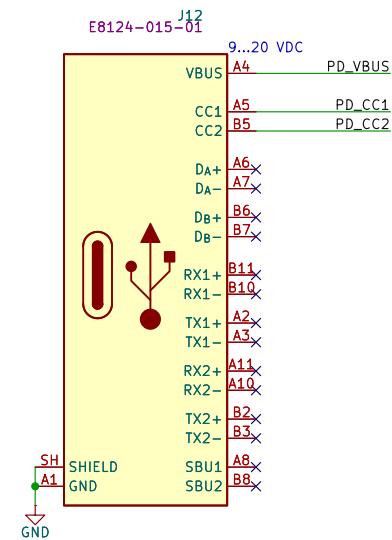
Title: Snapdragon 625 Baseboard

Size: A3 Date: 2022-05-10

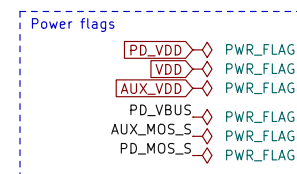
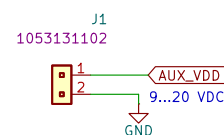
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1

Rev: 1.1.1
Id: 8/9

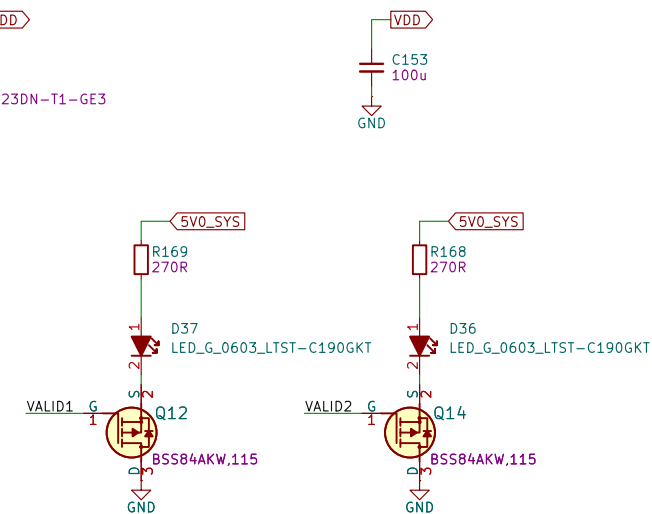
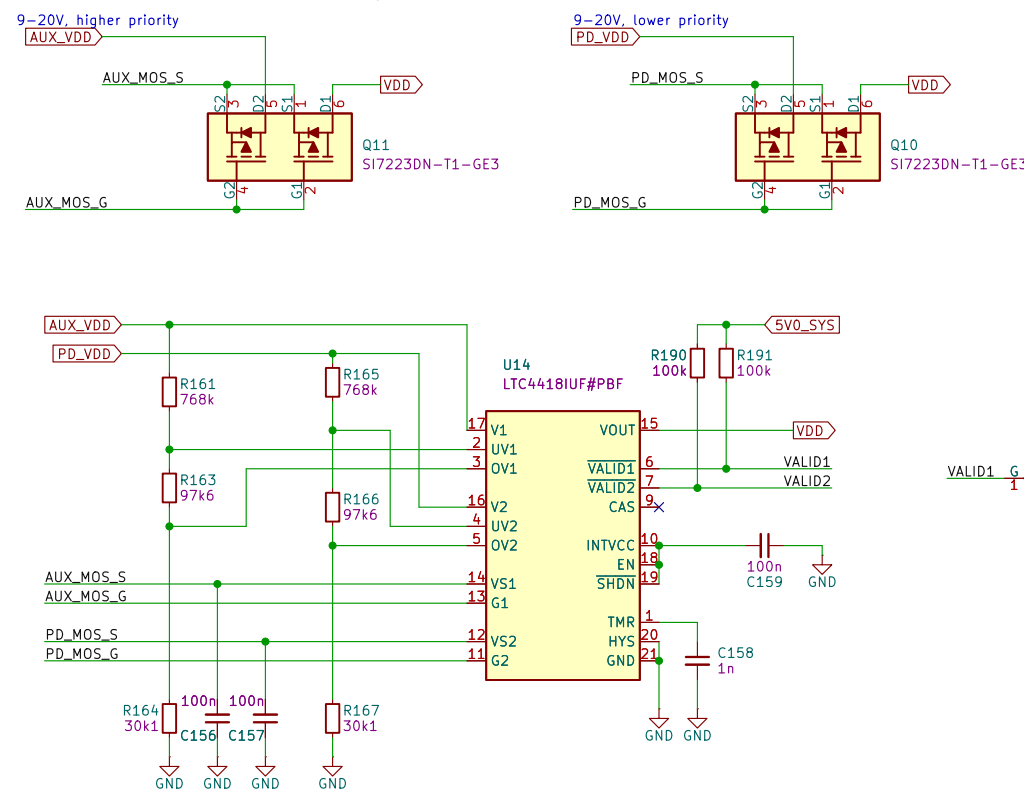
USB-C PD



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: 2022-05-10
KiCad E.D.A. eschema 6.0.11+dfsg-1-bpo11+1

Rev: 1.1.1
Id: 9/9