

	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

CSI



File: csi.kicad\_sch

Display



File: display.kicad\_sch

Supply



File: supply.kicad\_sch

USB



File: usb-debug.kicad\_sch

ID Serial



File: id-serial.kicad\_sch

SoM



File: som.kicad\_sch

Interfaces



File: interfaces.kicad\_sch

Logo N3  
crc\_logo

Logo N2  
oshw\_logo

Logo N1  
antmicro\_logo

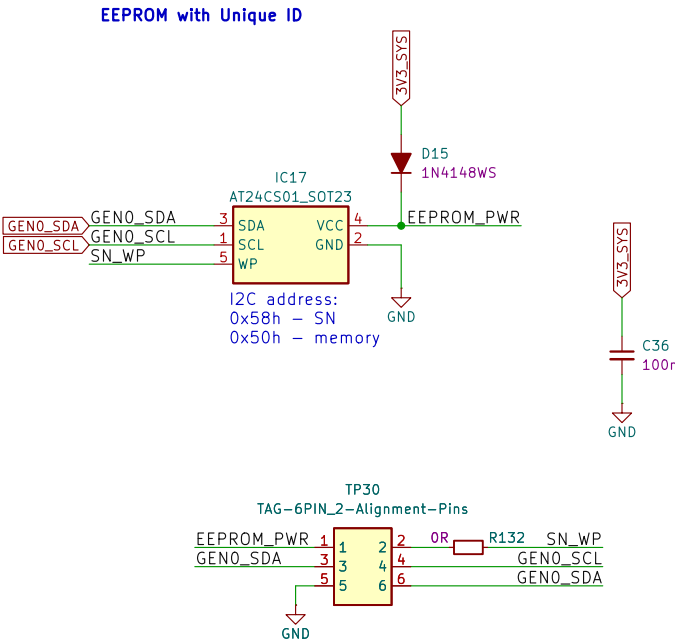


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Sheet: /  
File: jetson-nano-baseboard.kicad\_sch

Title: Jetson Nano Baseboard

Size: A3	Date: 2023-07-27	Rev: 1.6.2
KiCad E.D.A. eeschema 6.0.11+dfsg-1~bpo11+1	Id: 1/8	

ID serial



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Sheet: /ID Serial/

File: id-serial.kicad\_sch

**Title: Jetson Nano Baseboard**

Size: A3

Date: 2023-07-27

Rev: 1.6.2

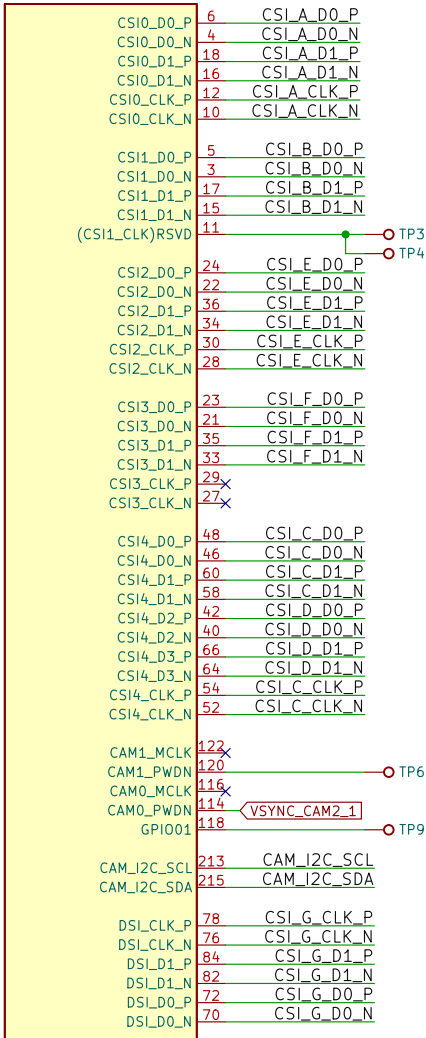
KiCad E.D.A. eeschema 6.0.11+dfsg-1-bpo11+1

Id: 2/8

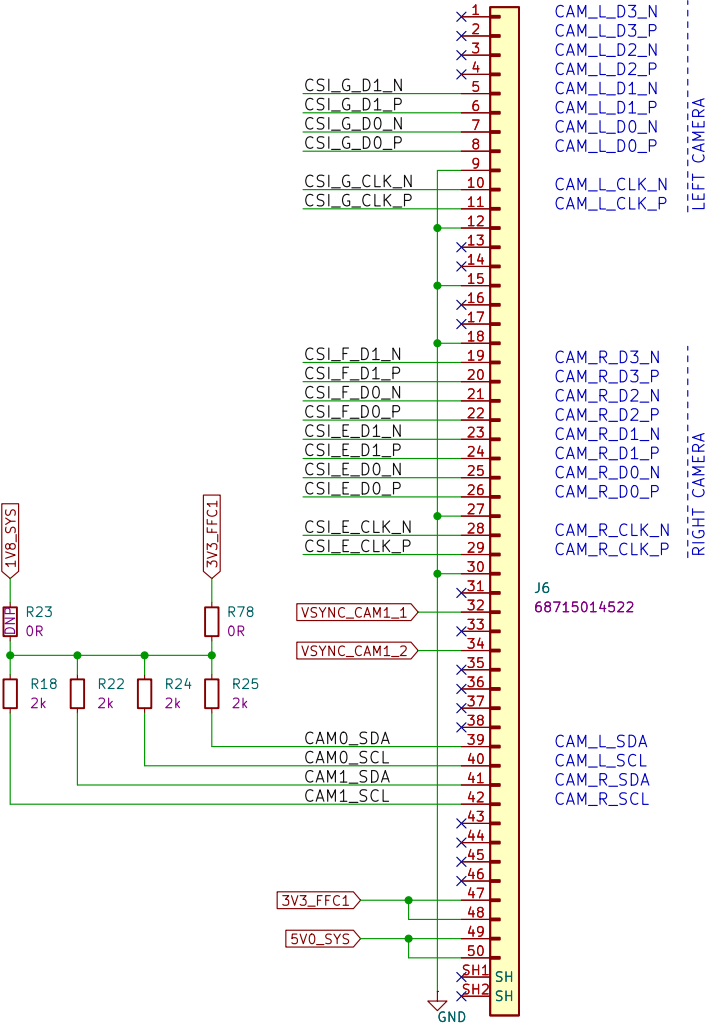
# Camera Interfaces

## SoM interface

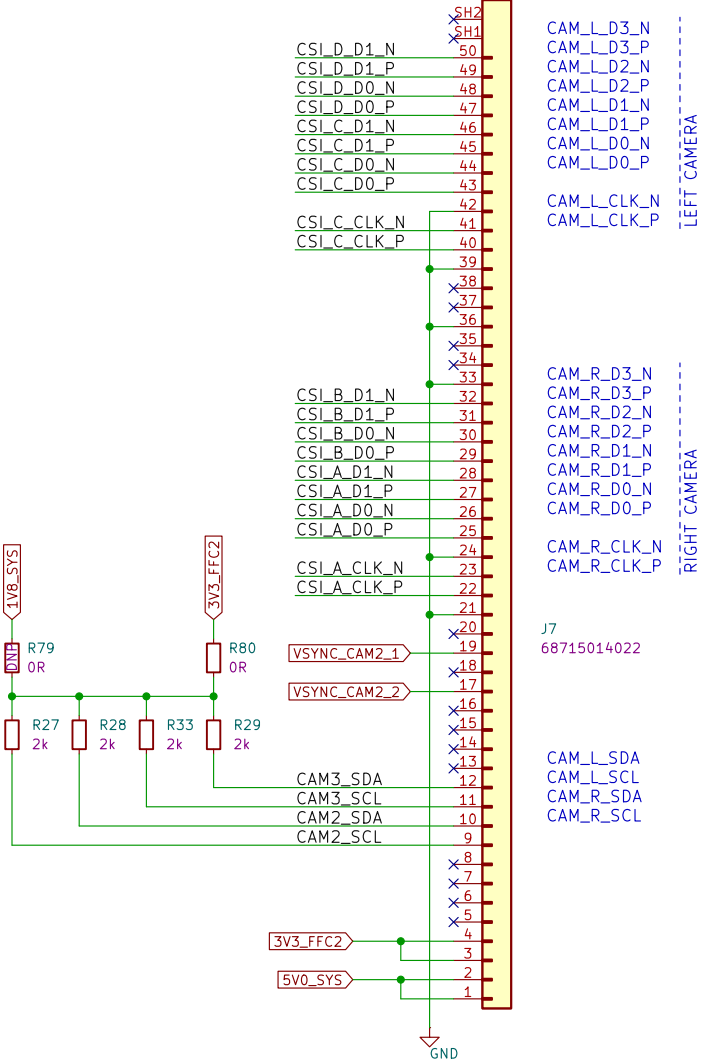
M1B  
2309413-1



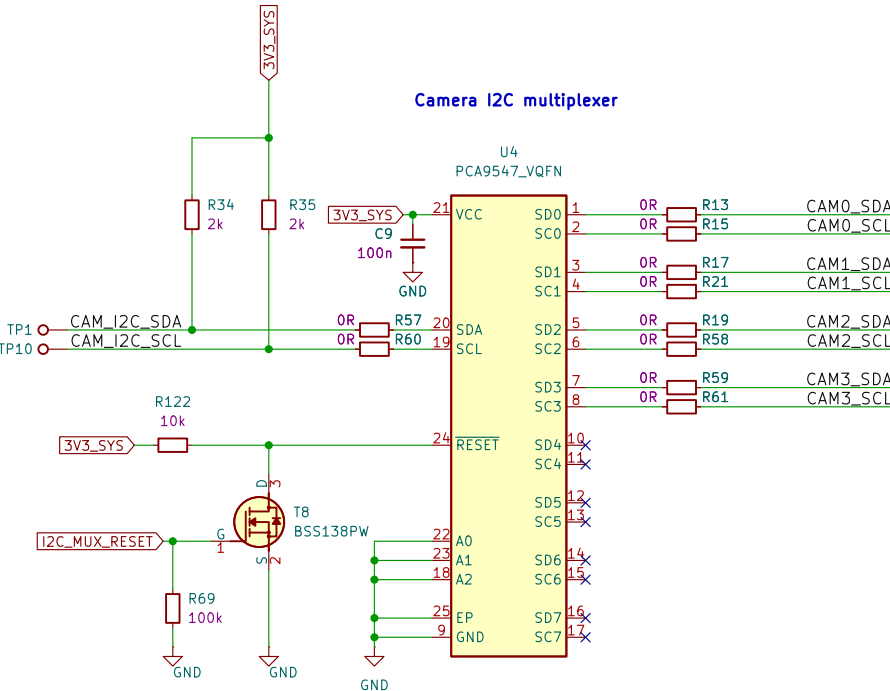
## Camera FFC #1



## Camera FFC #2



## Camera I2C multiplexer



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Sheet: /CSI/

File: csi.kicad\_sch

Title: Jetson Nano Baseboard

Size: A3

Date: 2023-07-27

Rev: 1.6.2

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

Id: 3/8

SoM

A

B

C

D

E

F

A

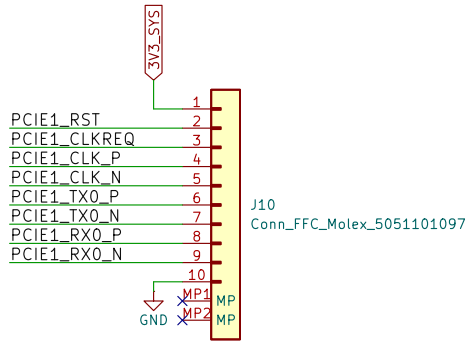
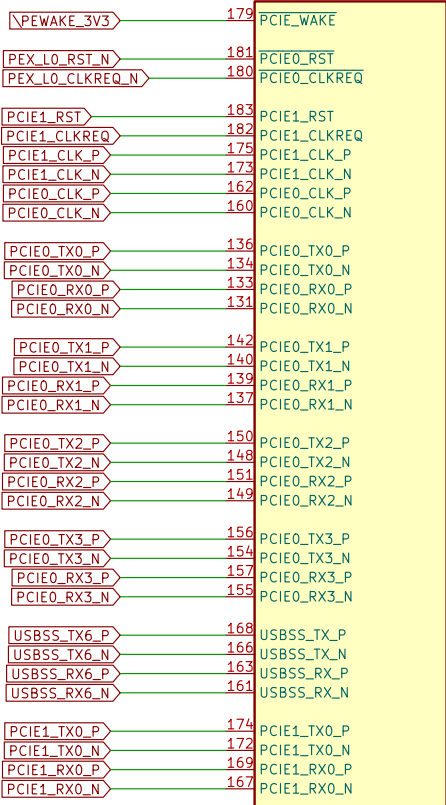
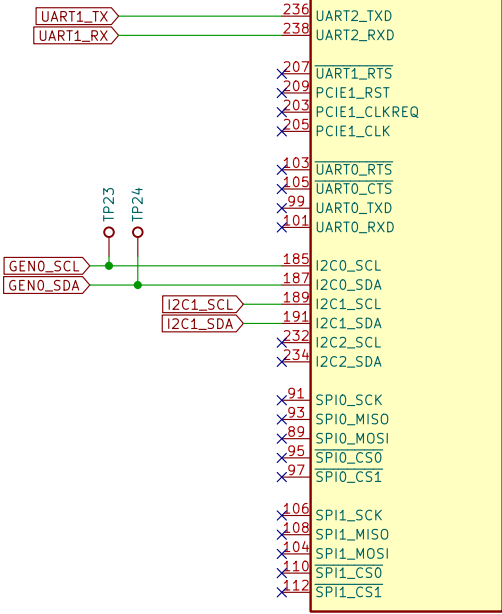
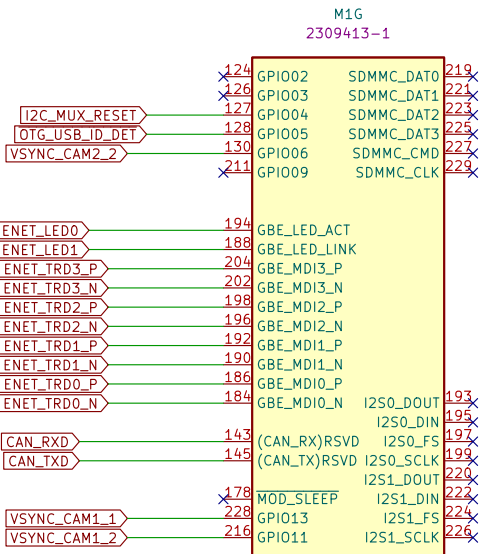
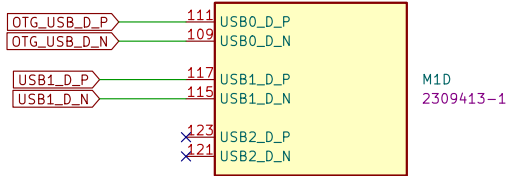
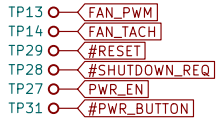
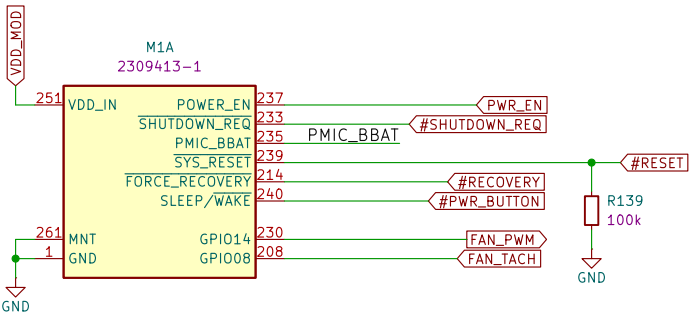
B

C

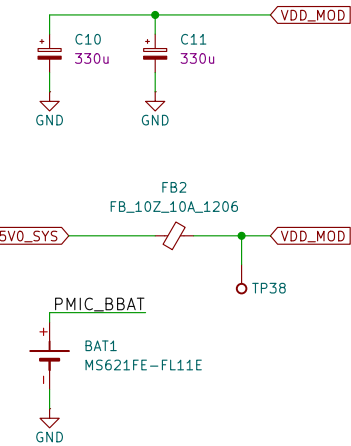
D

E

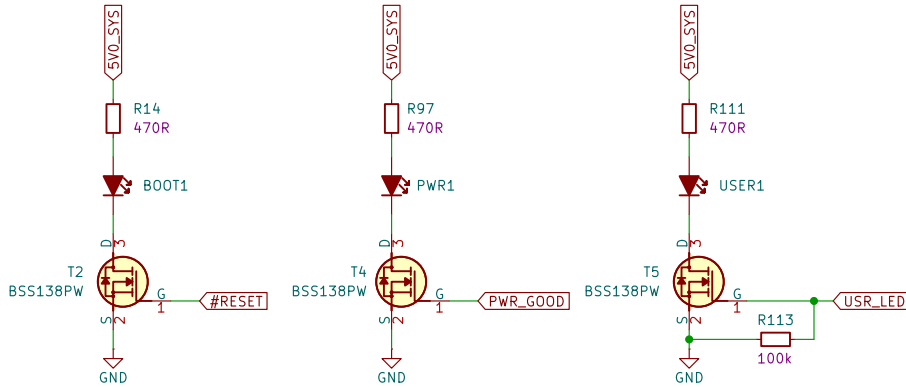
F



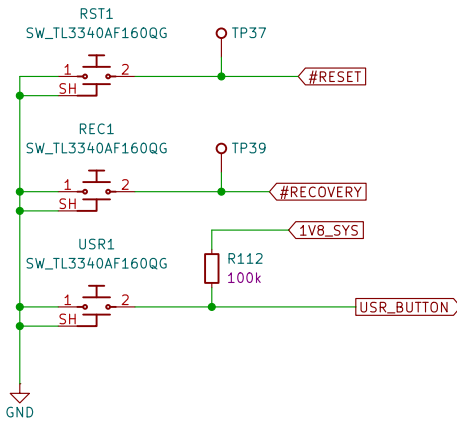
Module power  
Filtering Capacitors



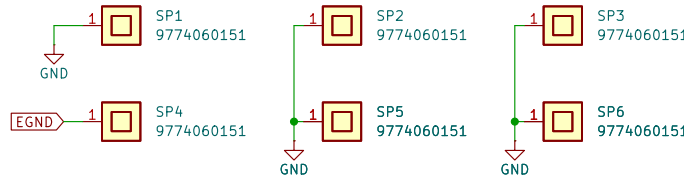
System Status



System Buttons



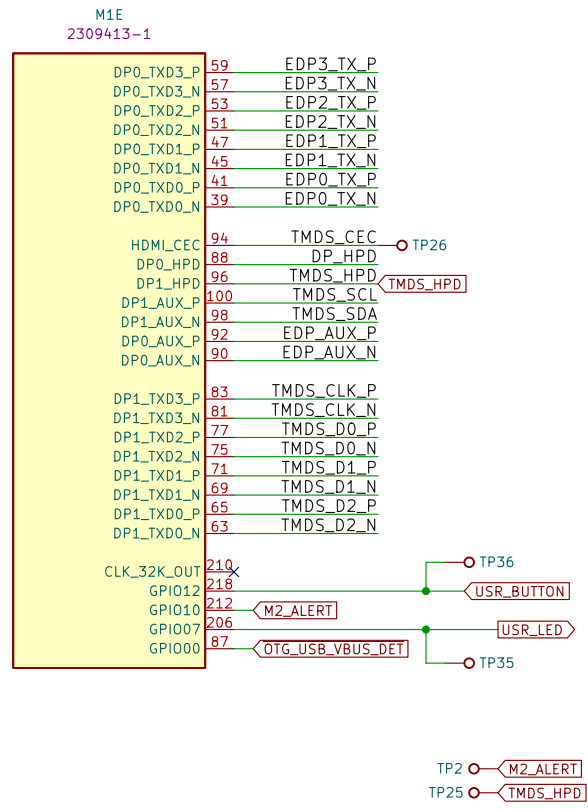
Mounting studs



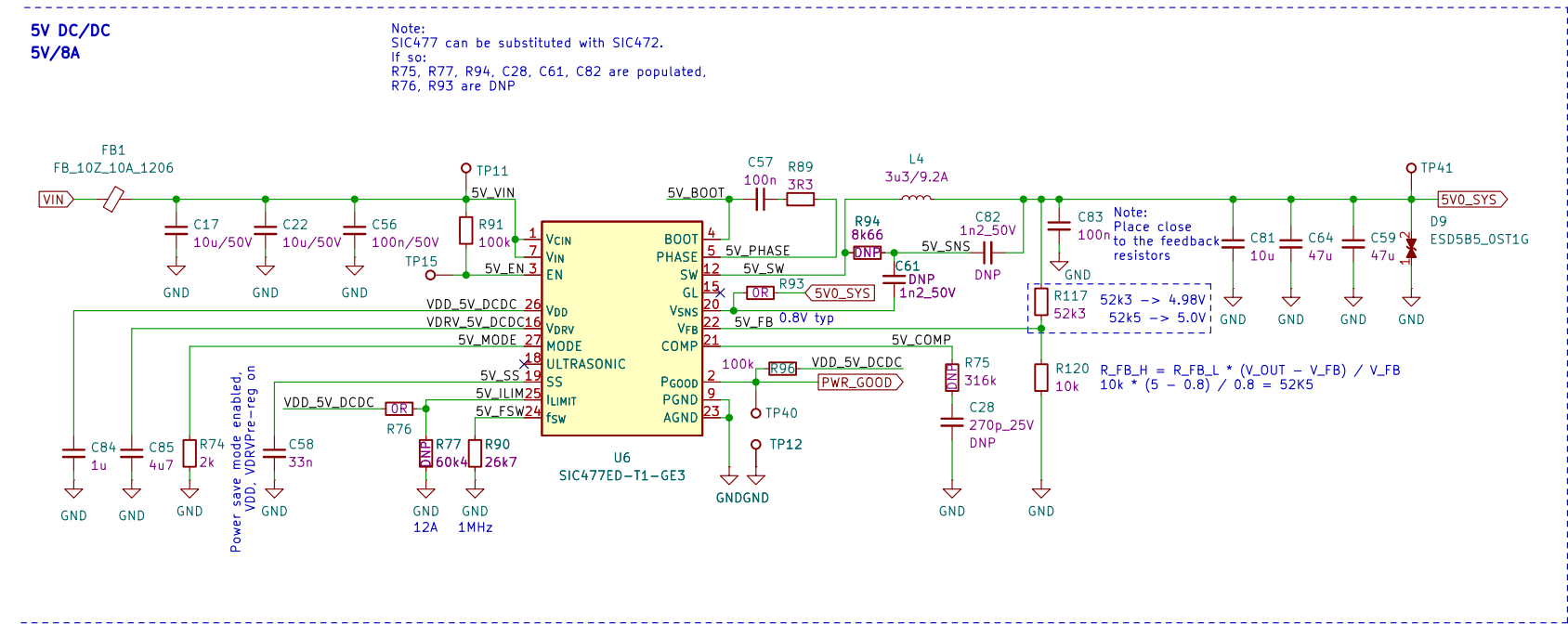
Mechanical model



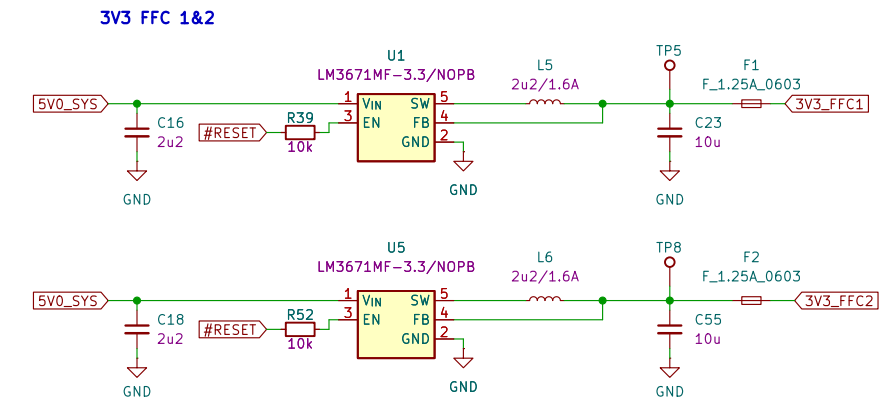
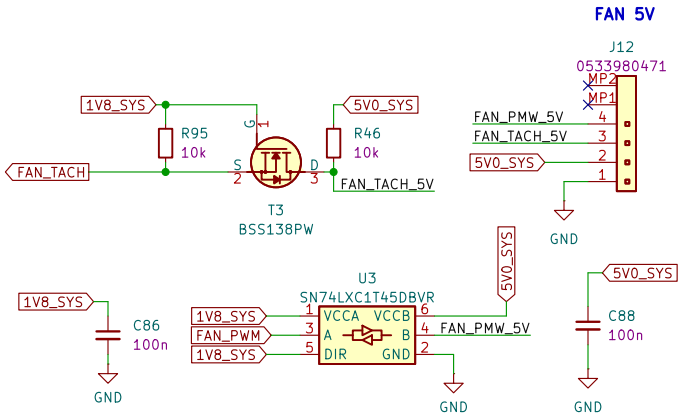
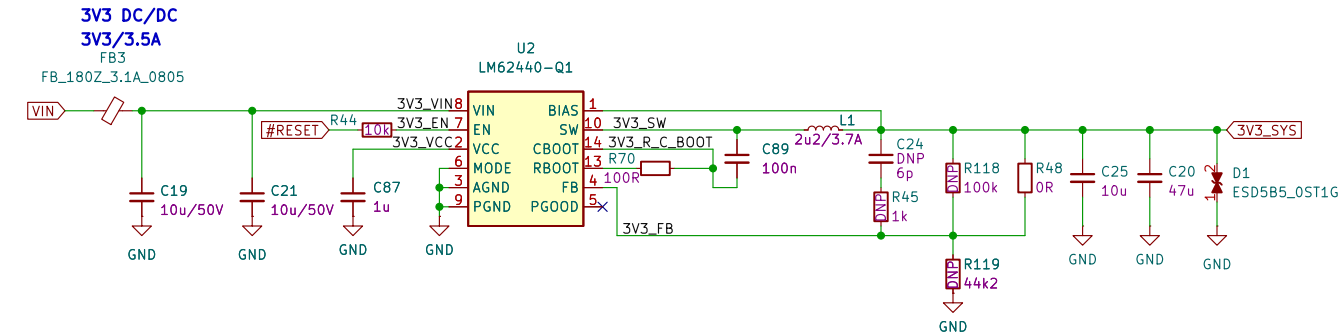
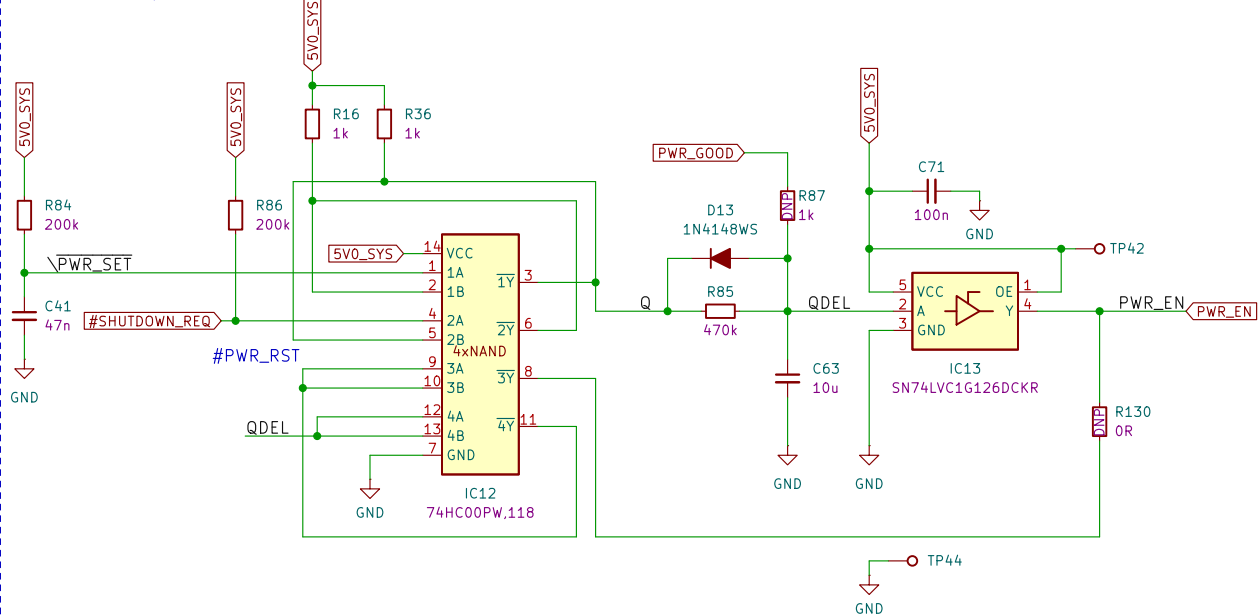
Display



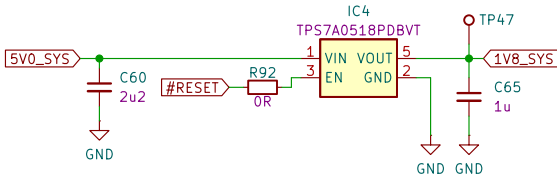
# Power Supply



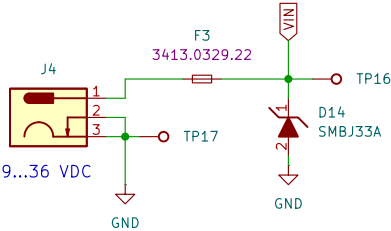
## Power sequencer



## System 1V8

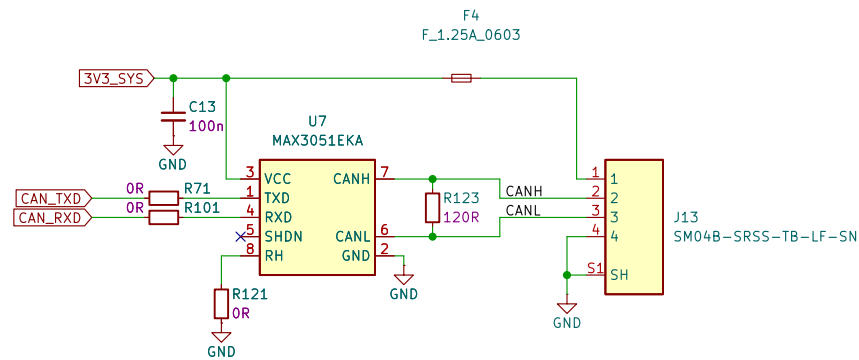


## Power input

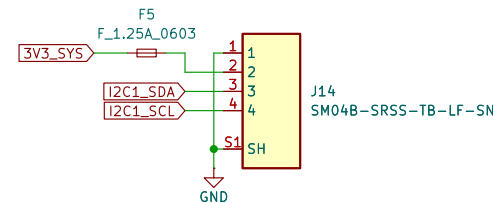


Interfaces

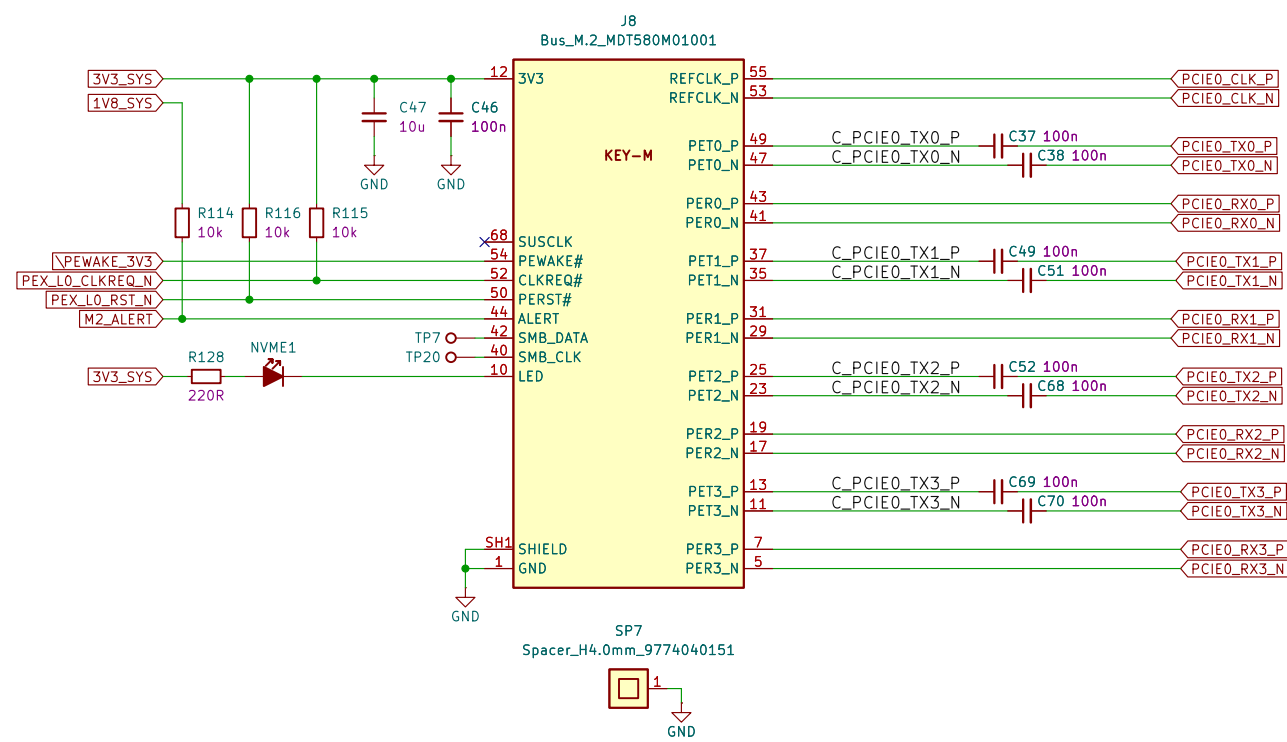
CAN Interface



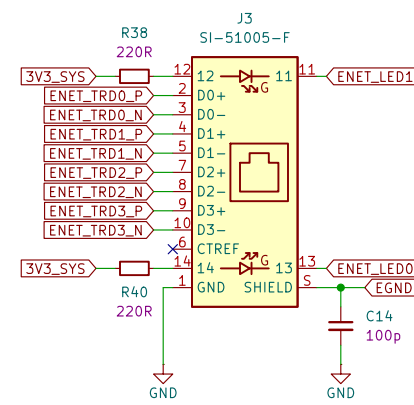
I2C Connector



M.2 NVMe Interface



Ethernet



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Sheet: /Interfaces/

File: interfaces.kicad\_sch

Title: Jetson Nano Baseboard

Size: A3

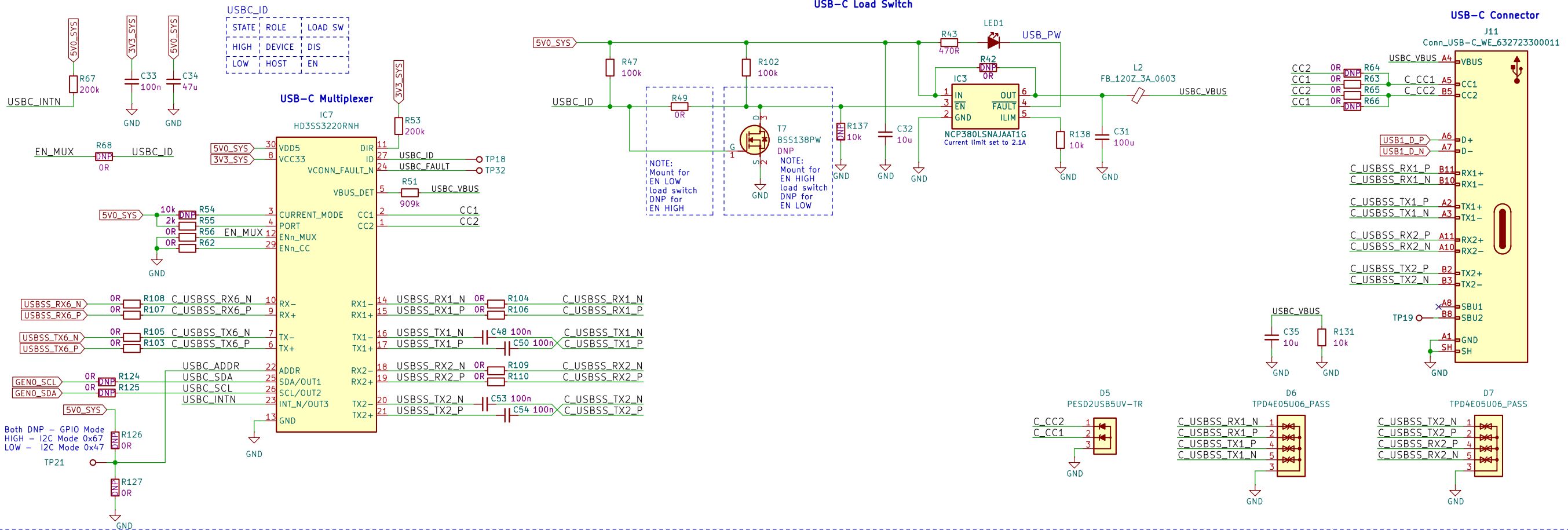
Date: 2023-07-27

Rev: 1.6.2

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Id: 7/8

USB

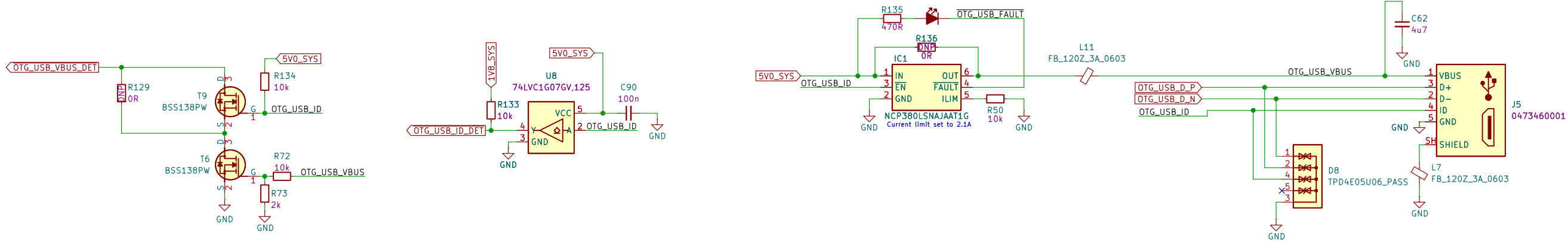


OTG/Flash USB

ID/VBUS_DET signals		
STATE	VBUS_DET	ID_DET
DISC	HIGH-Z	HIGH
HOST	HIGH-Z	LOW
DEVICE	LOW	HIGH

OTG TRUTH TABLE

VBUS	ID	STATE
LOW	HIGH	DISC
HIGH	LOW	HOST
HIGH	HIGH	DEVICE



Debug UART

