

R1

DNP

OR

SP1

Spacer_H6mm_9774060151

R2

DNP

OR

SP2

Spacer_H6mm_9774060151

R3

DNP

OR

SP3

Spacer_H6mm_9774060151

R4

DNP

OR

SP4

Spacer_H6mm_9774060151



antmicro



open source
hardware

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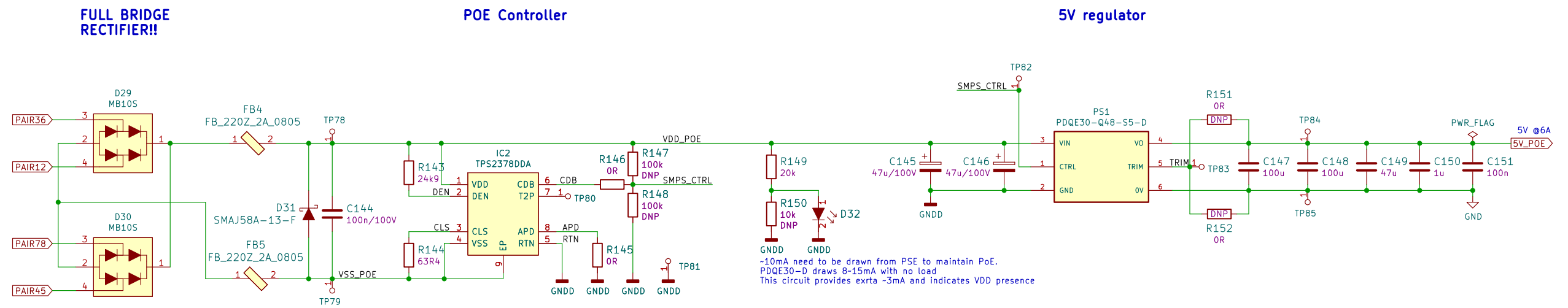
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Title: SA800U (Snapdragon 845) Baseboard

Size: A3Date: 2022-05-16

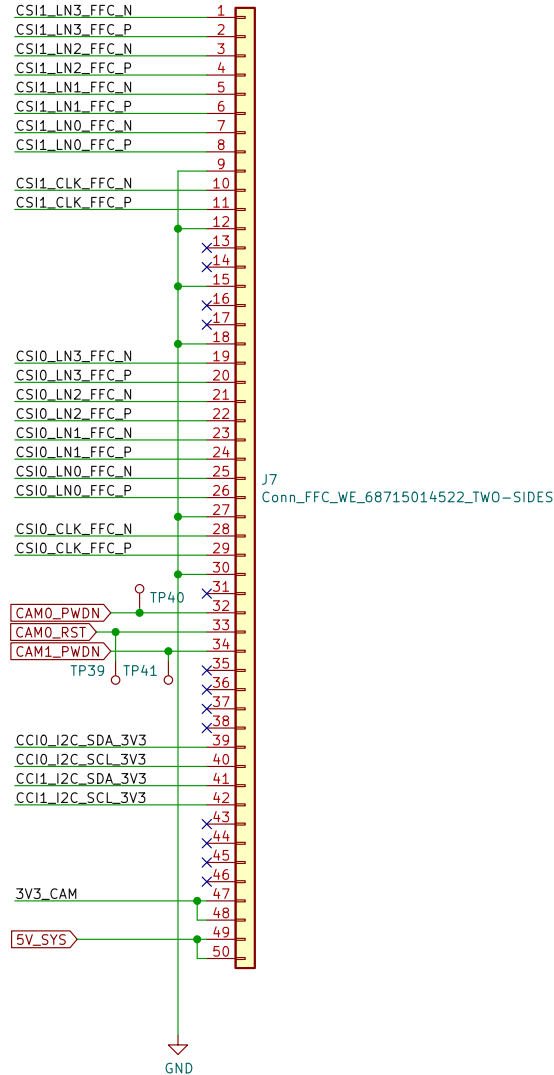
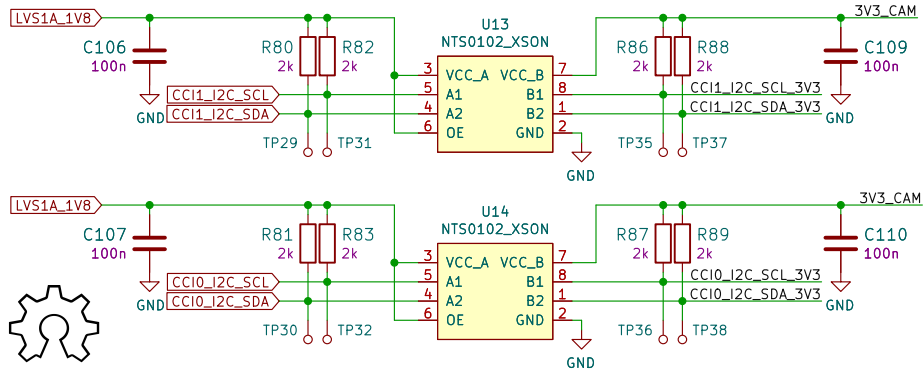
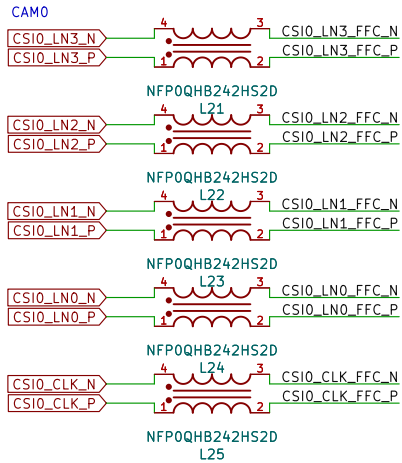
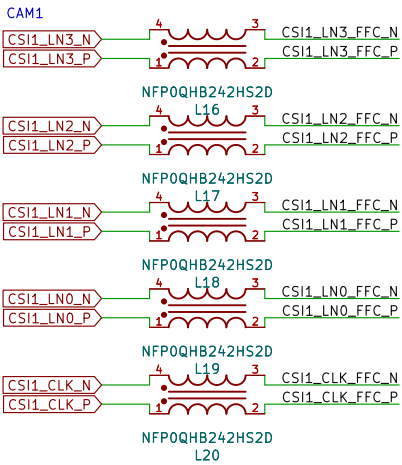
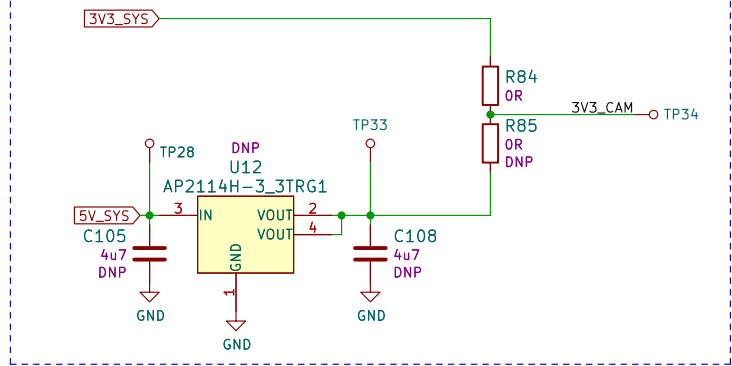
KiCad E.D.A. eeschema 6.0.11-2627ca5db0-126-ubuntu22.04.1

Rev: 1.0.1Id: 1/12



Camera interfaces

3V3_CAM source selector
& 3V3 LDO



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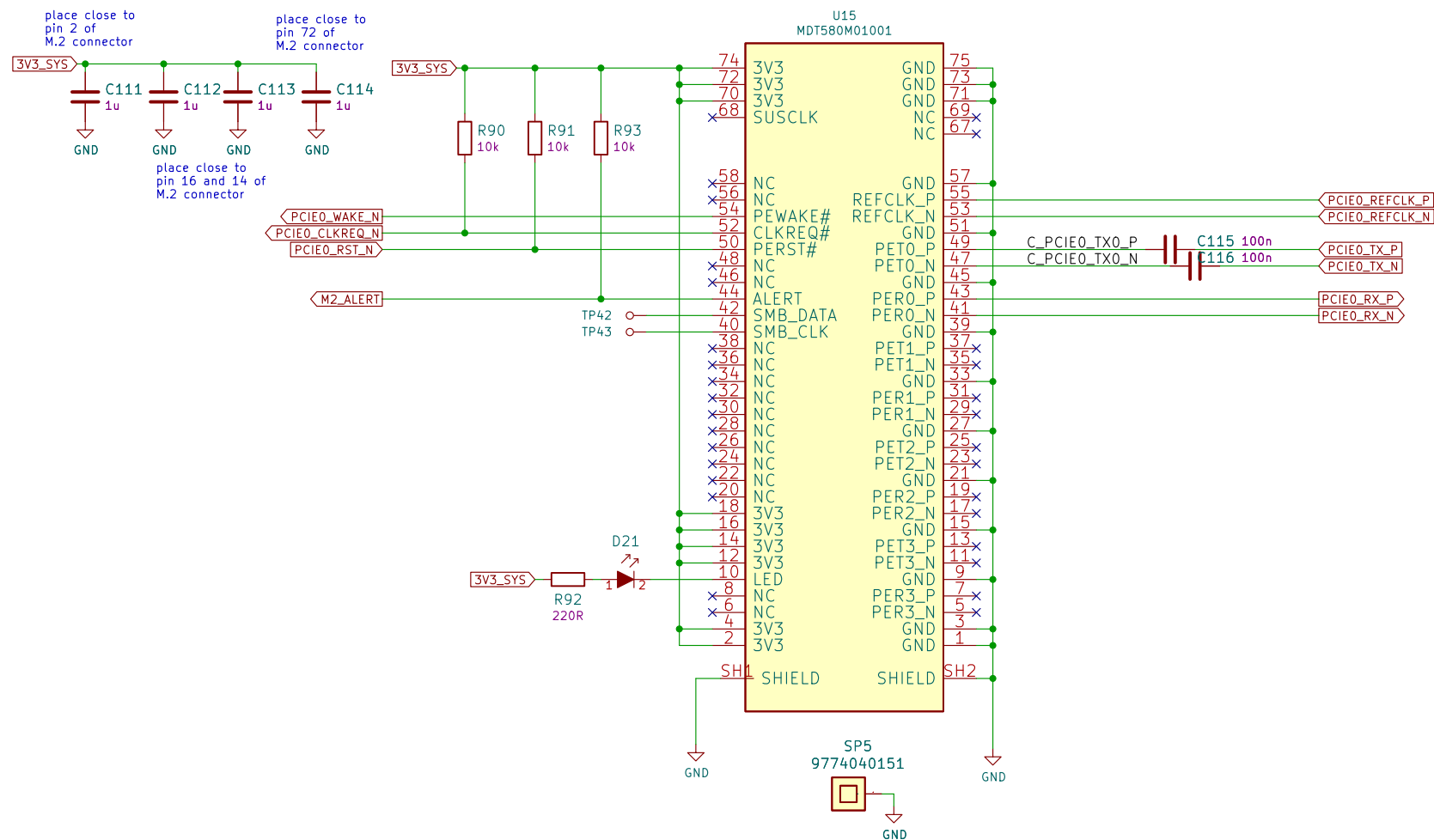
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Title: SA800U (Snapdragon 845) Baseboard

Size: A3 Date: 2022-05-16
KiCad E.D.A. eeschema 6.0.11-2627ca5db0-126-ubuntu22.04.1

Rev: 1.0.1
Id: 3/12

M.2 key M



M.2 22x80mm NVMe mechanical model

M2
Mech_M2_2280_H2.5mm



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Sheet: /M2/
File: m2.kicad_sch

Title: SA800U (Snapdragon 845) Baseboard

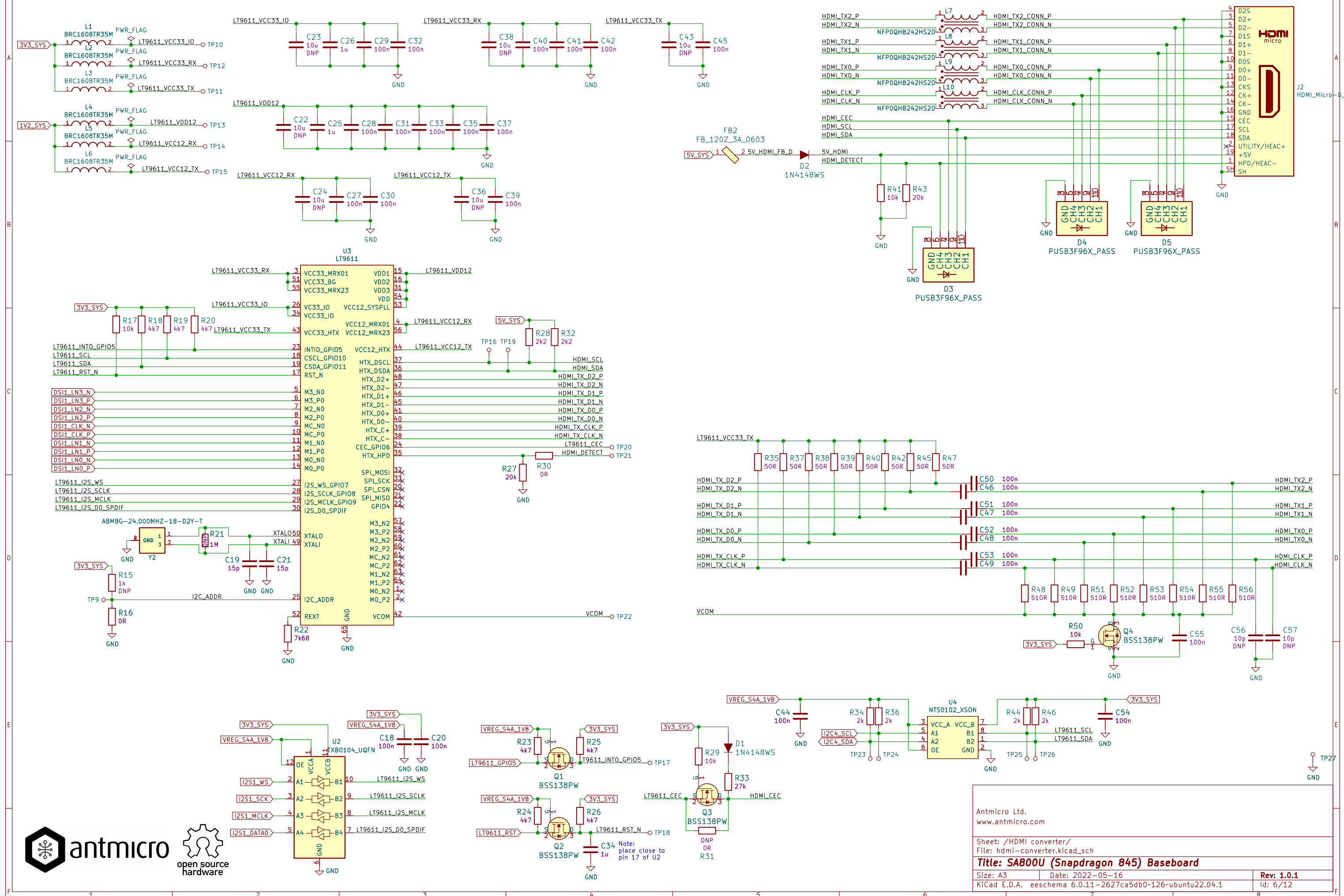
Size: A4 Date: 2022-05-16

KiCad E.D.A. eeschema 6.0.11-2627ca5db0-126-ubuntu22.04.1

Rev: 1.0.1

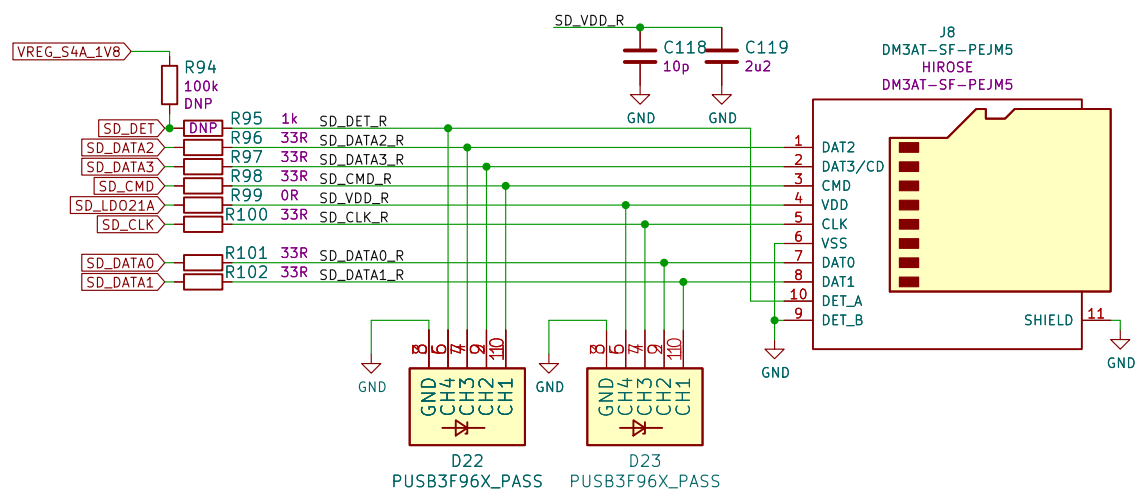
Id: 5/12

HDMI converter

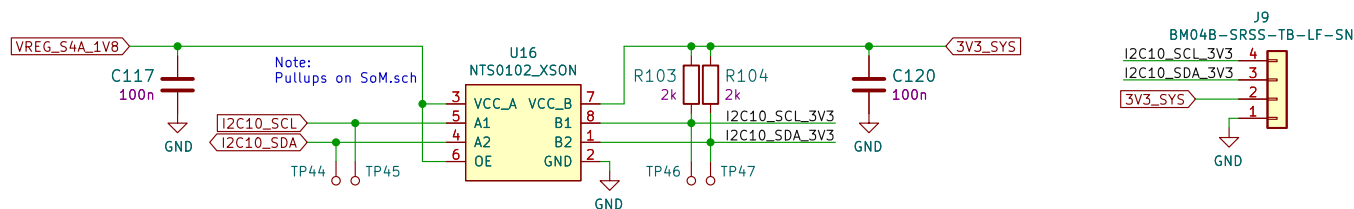


Other interfaces

uSD



I2C



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Title: SA800U (Snapdragon 845) Baseboard

Size: A4 Date: 2022-05-16

KiCad E.D.A. eeschema 6.0.11-2627ca5db0-126-ubuntu22.04.1

Rev: 1.0.1

Id: 7/12

USB-C interfaces

USB-C OTG/DP

Debug

USB-C Host

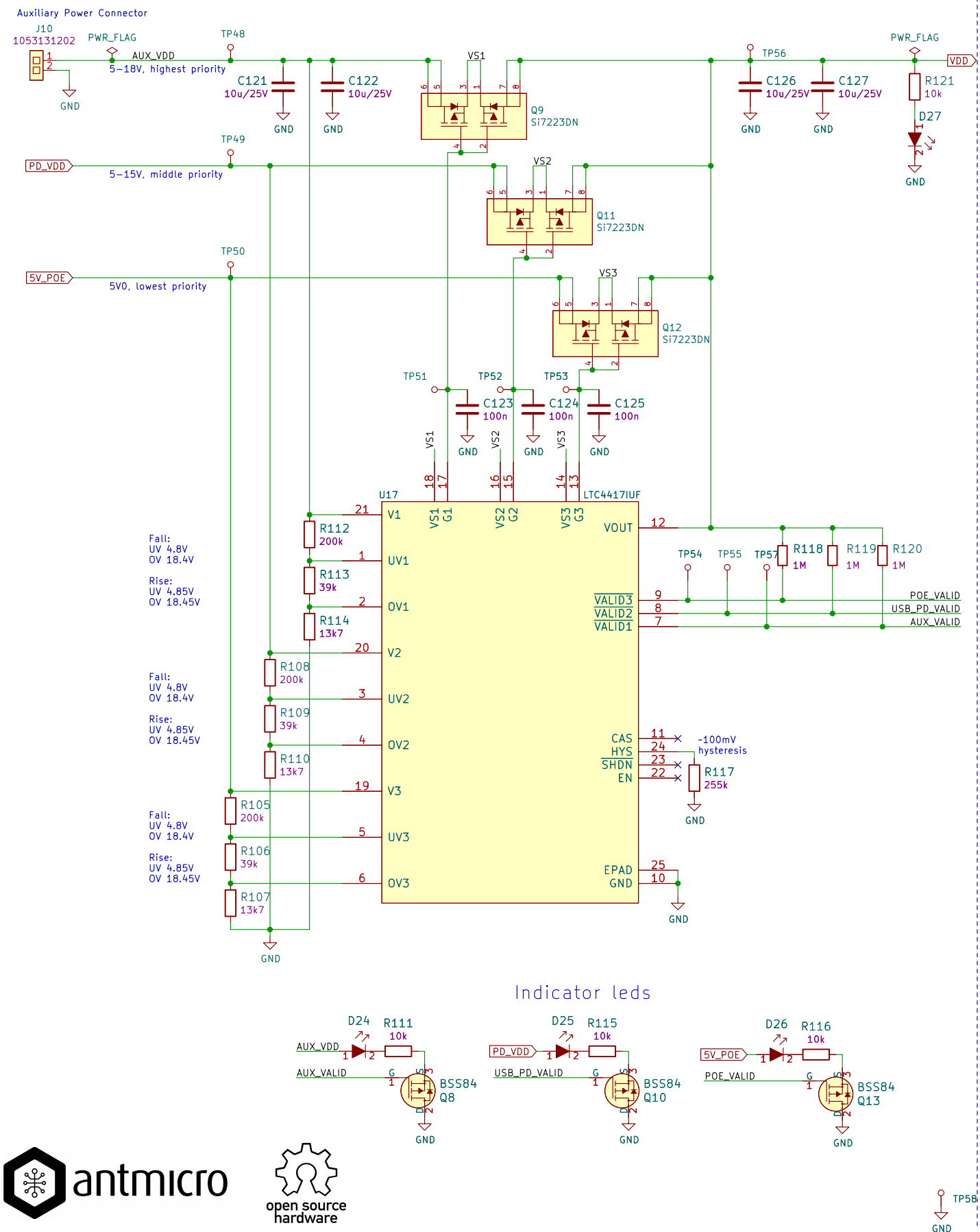
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Title: SA800U (Snapdragon 845) Baseboard		
Size: A3	Date: 2022-05-16	Rev: 1.0.1
KiCad E.D.A. eeschema 6.0.11-2627ca5db0-126-ubuntu22.04.1		Id: 8/12

Debug

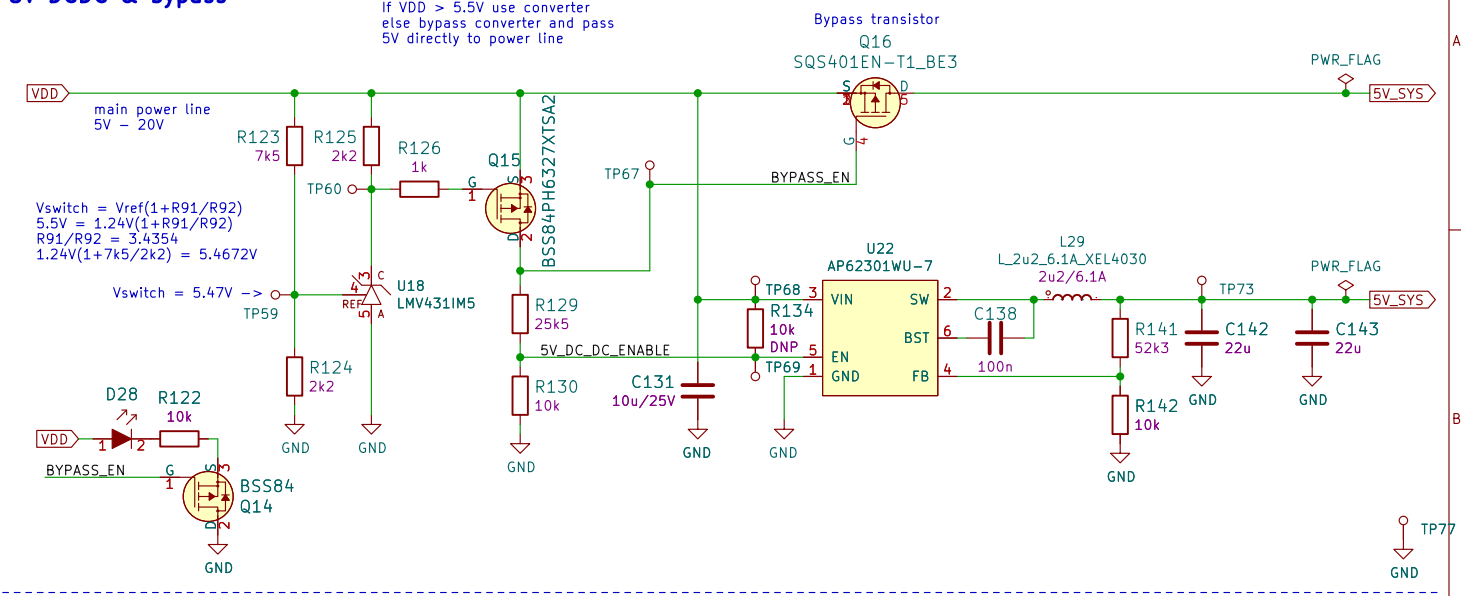
USB-C Host

Power section

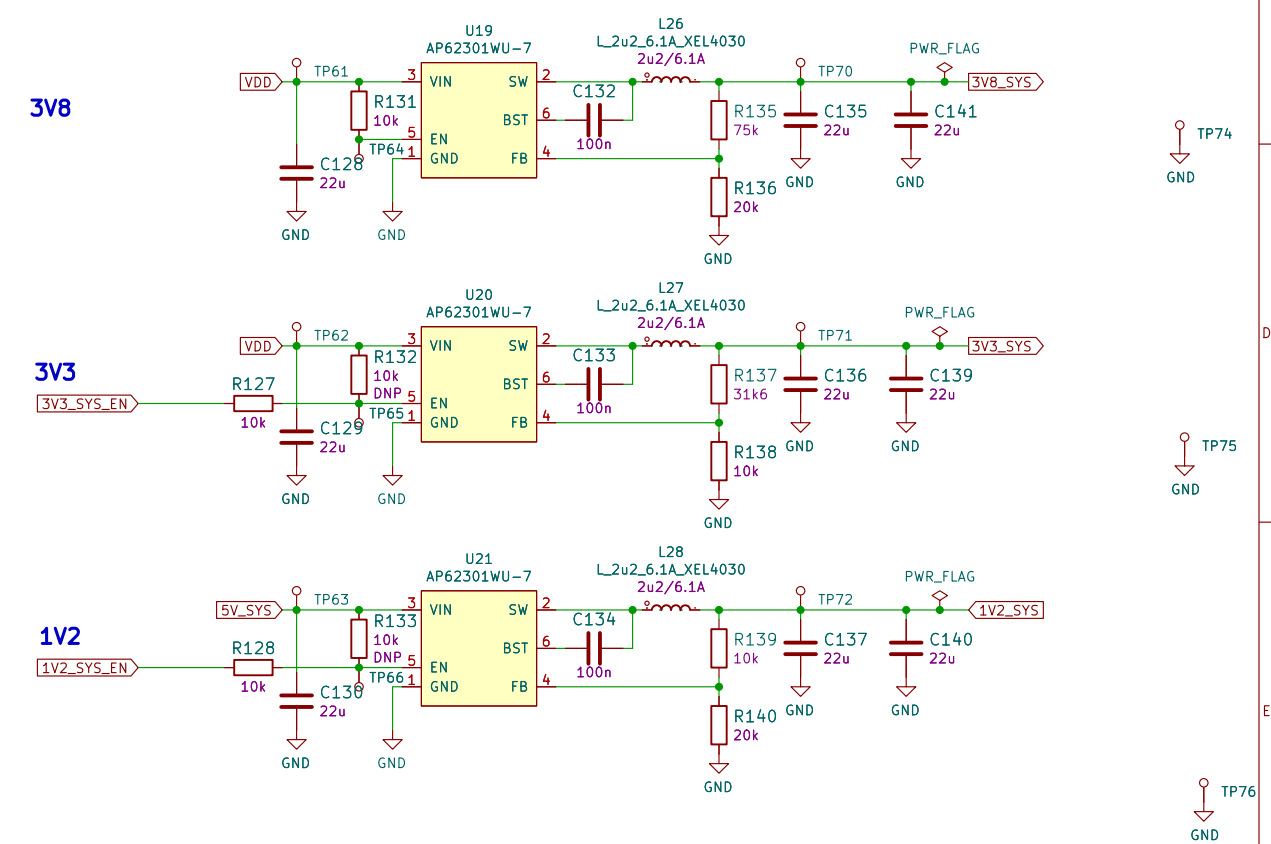
Source selector



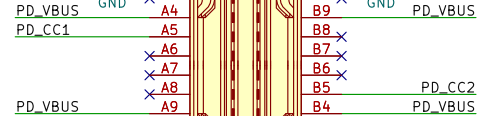
5V DCDC & bypass



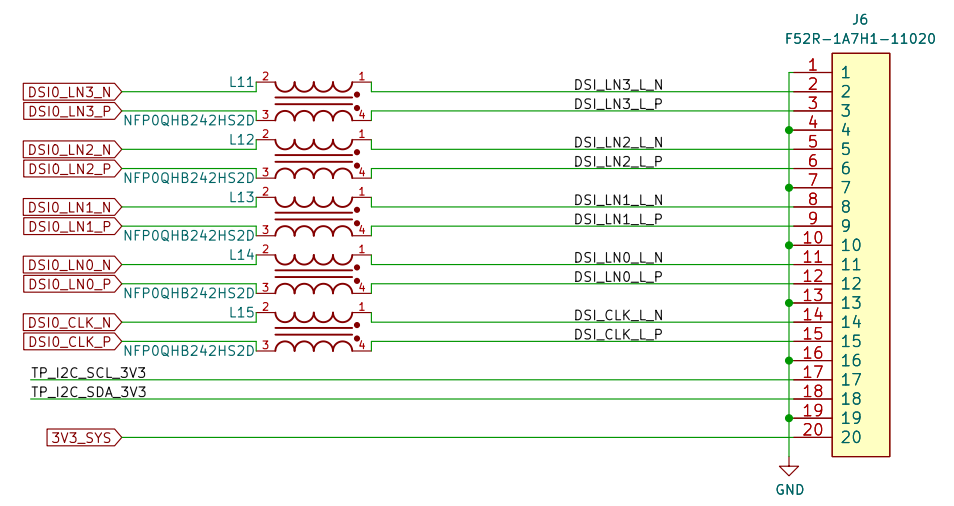
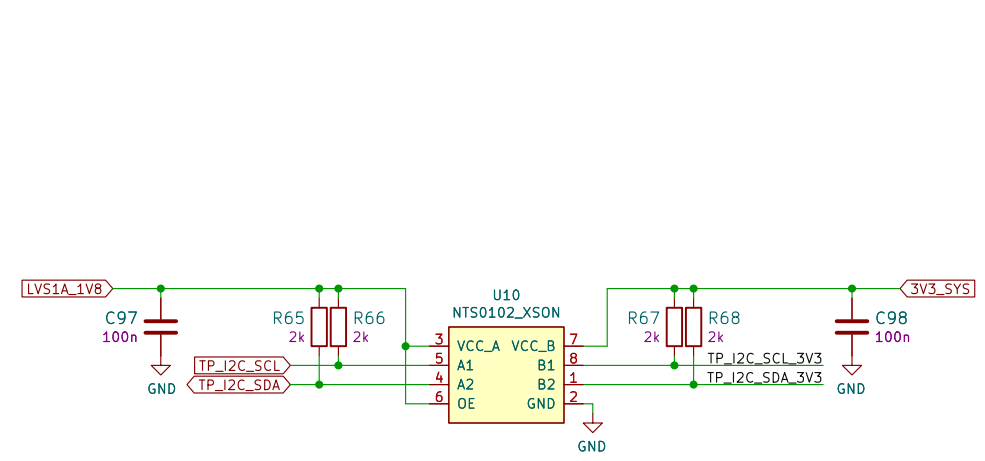
System DCDCs



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Title: SA800U (Snapdragon 845) Baseboard		
Size: A3	Date: 2022-05-16	Rev: 1.0.1
KiCad E.D.A. eeschema 6.0.11-2627ca5db0-126-ubuntu22.04.1		Id: 9/12



DSI LDC connector



[illegible]

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