

1 2 3 4 5 6 7 8

Jetson Orin Baseboard

github.com/antmicro/jetson-orin-baseboard

A

B

C

D

E

F

A

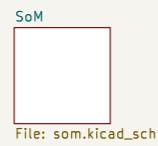
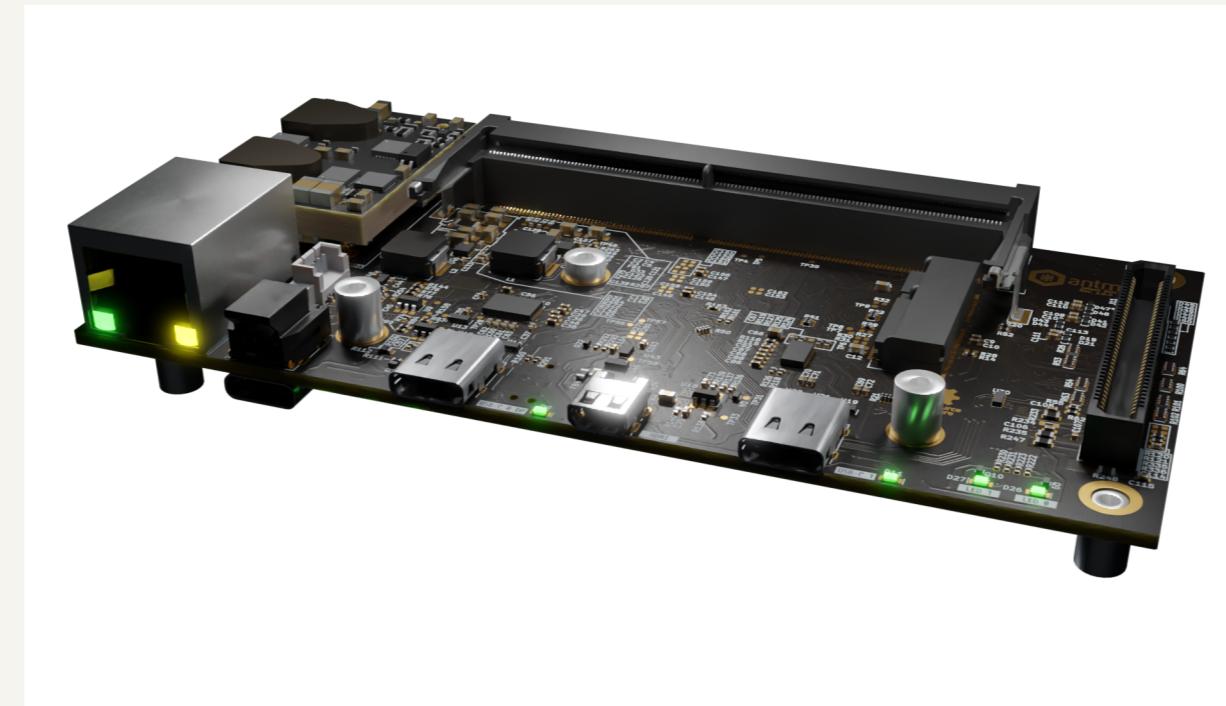
B

C

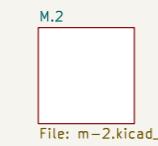
D

E

F



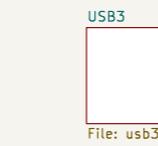
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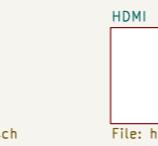
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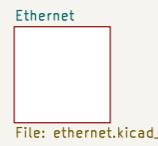
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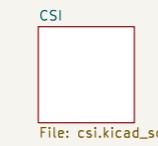
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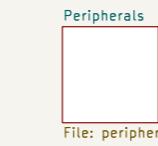
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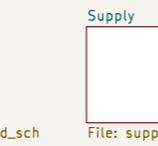
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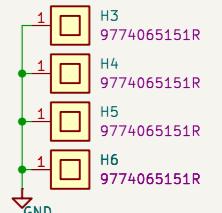
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File: peripherals.kicad_sch



File: supply.kicad_sch



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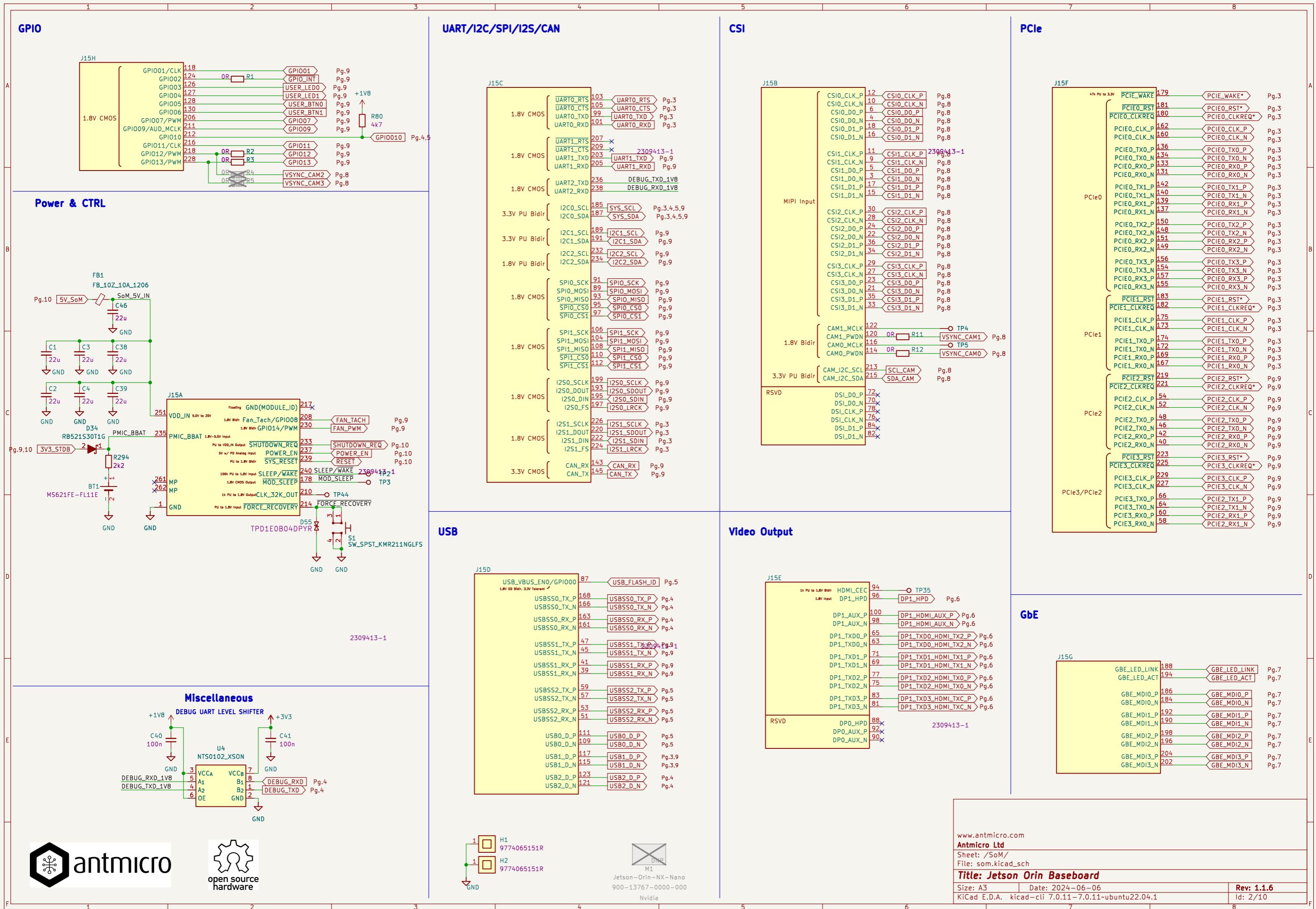
Antmicro Ltd

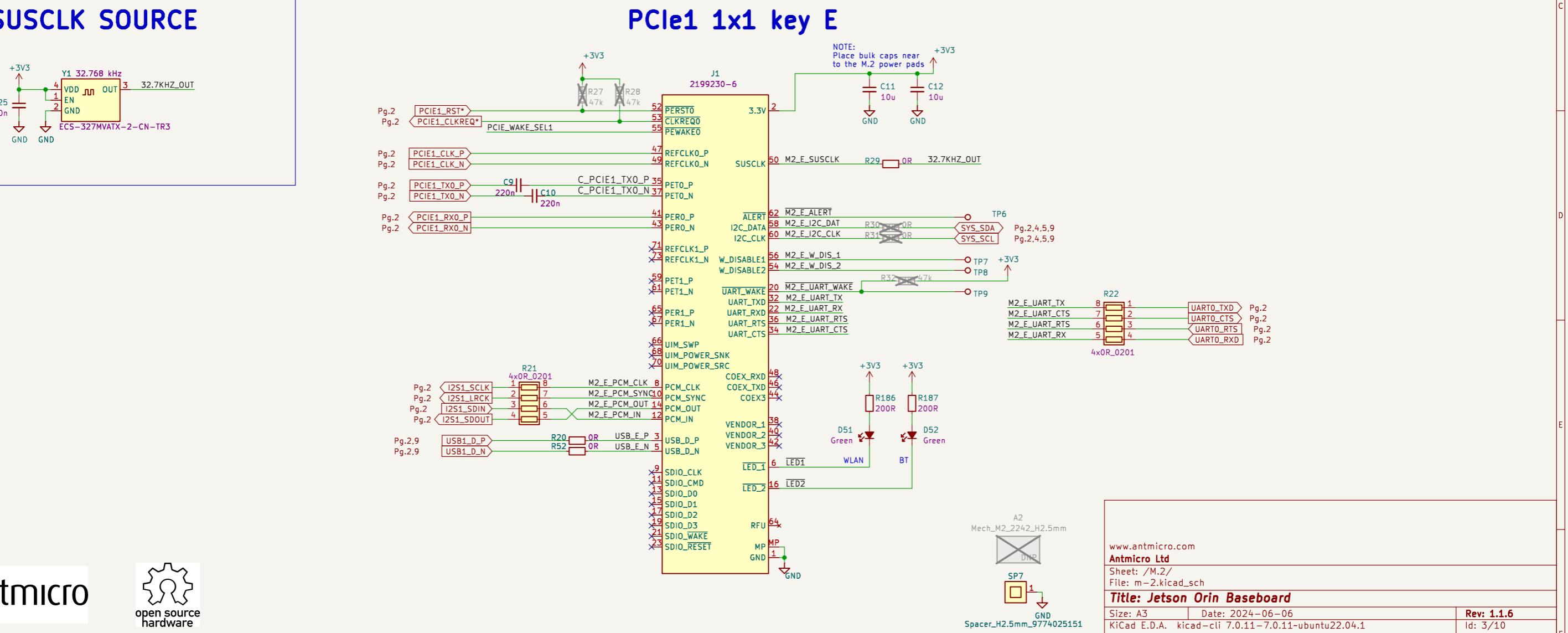
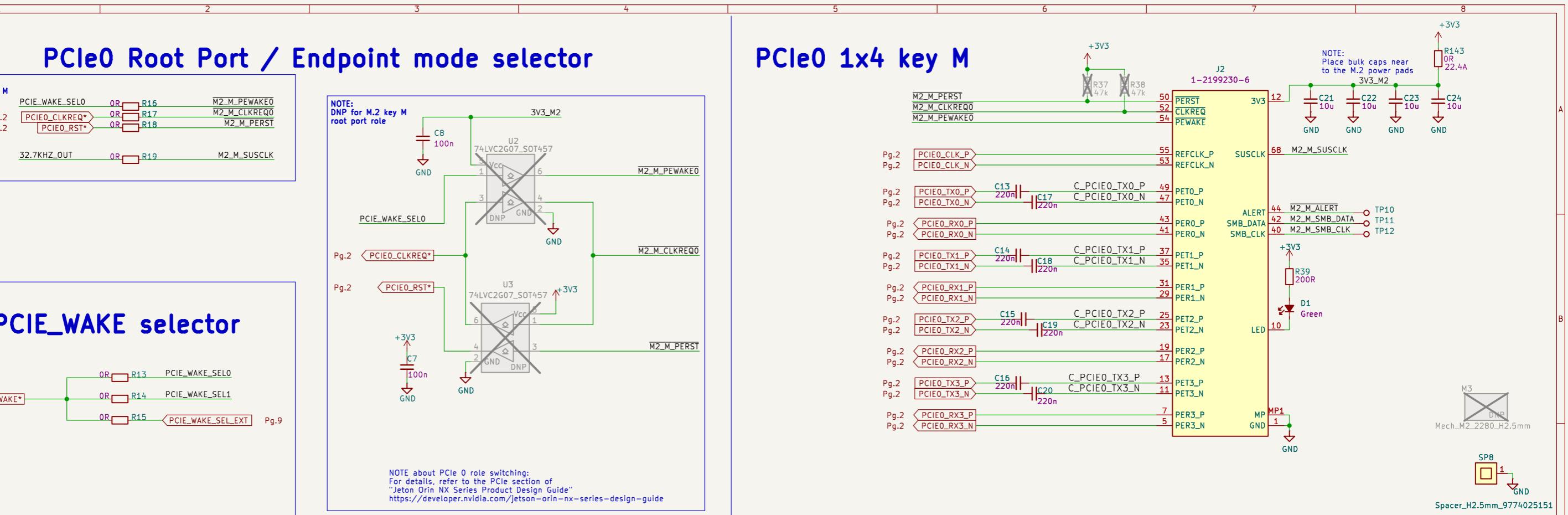
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Title: Jetson Orin Baseboard

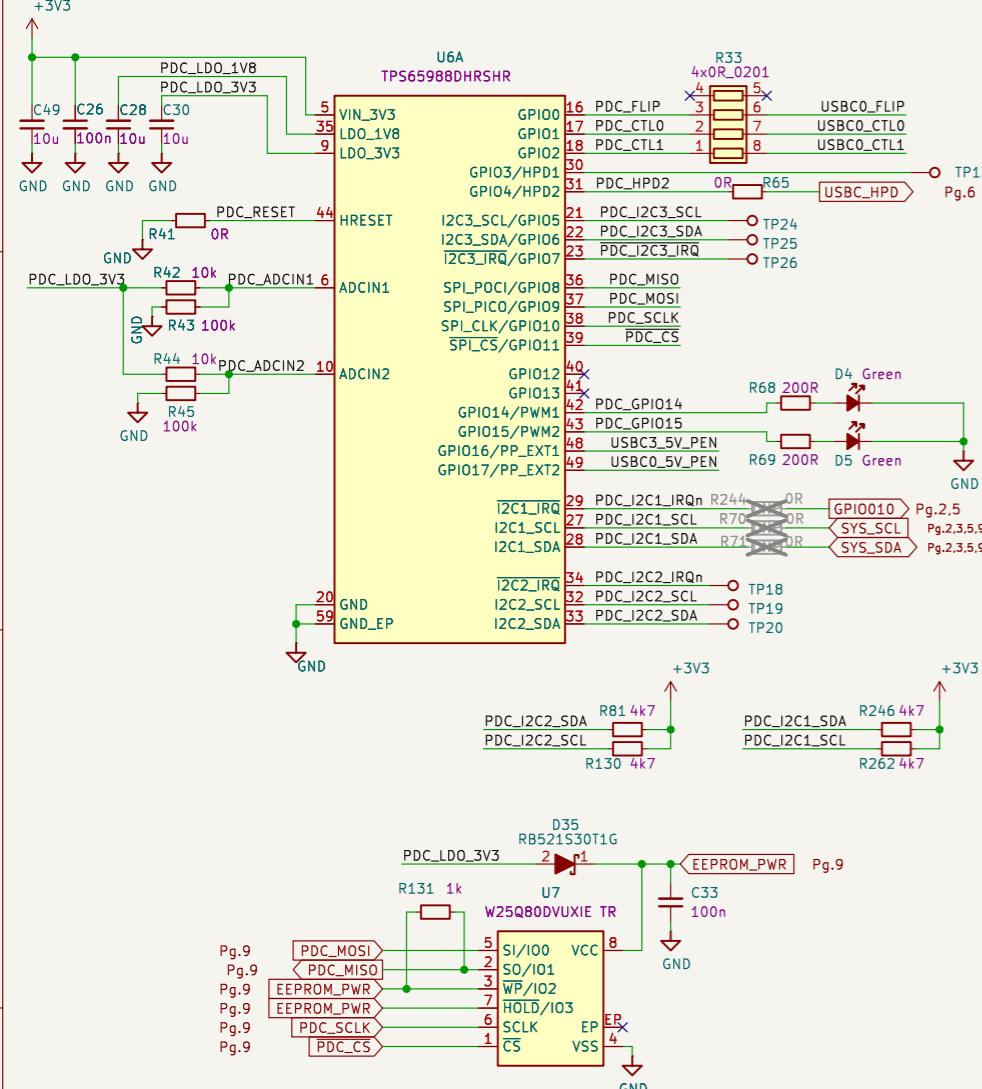
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KiCad E.D.A. kicad-cli 7.0.11-7.0.11-ubuntu22.04.1

Rev: 1.1.6 Id: 1/10



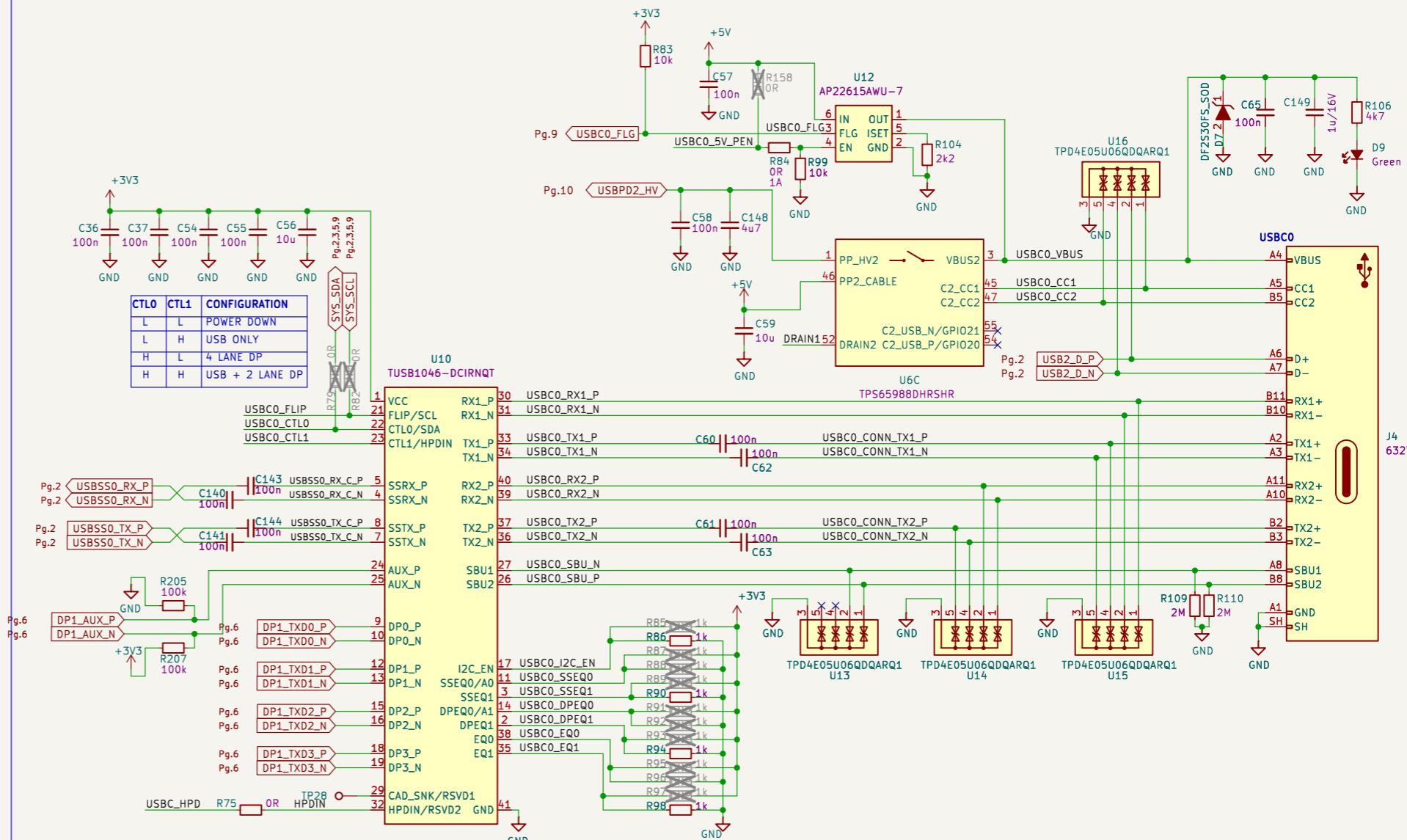


USB PD Controller

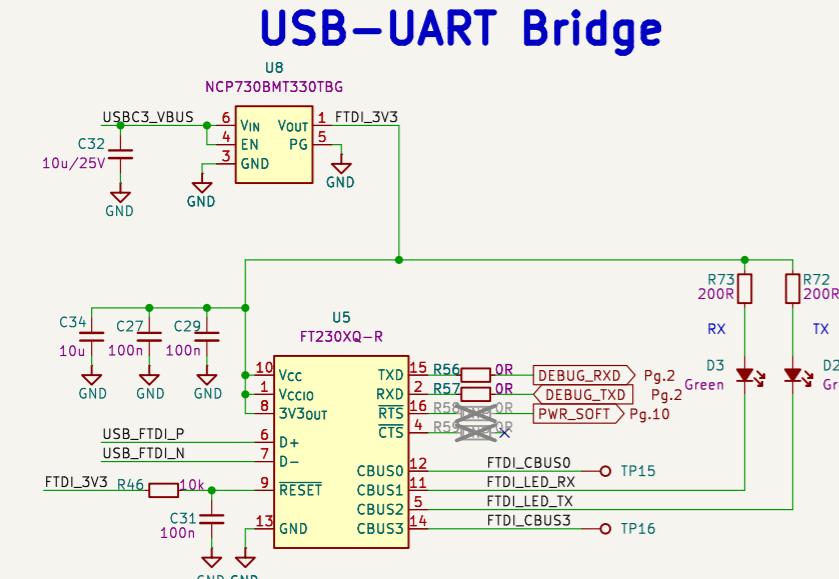


USB-C 0 Display Port alt mode

USB-PD Source/Sink

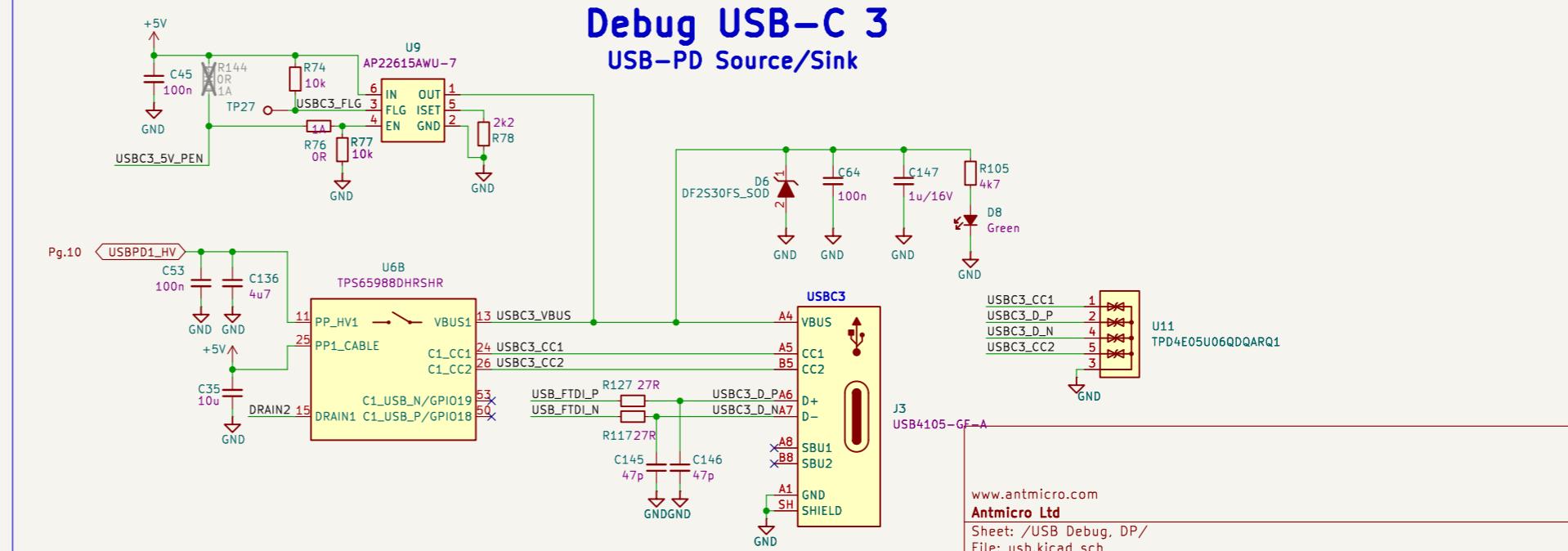


USB–UART Bridge

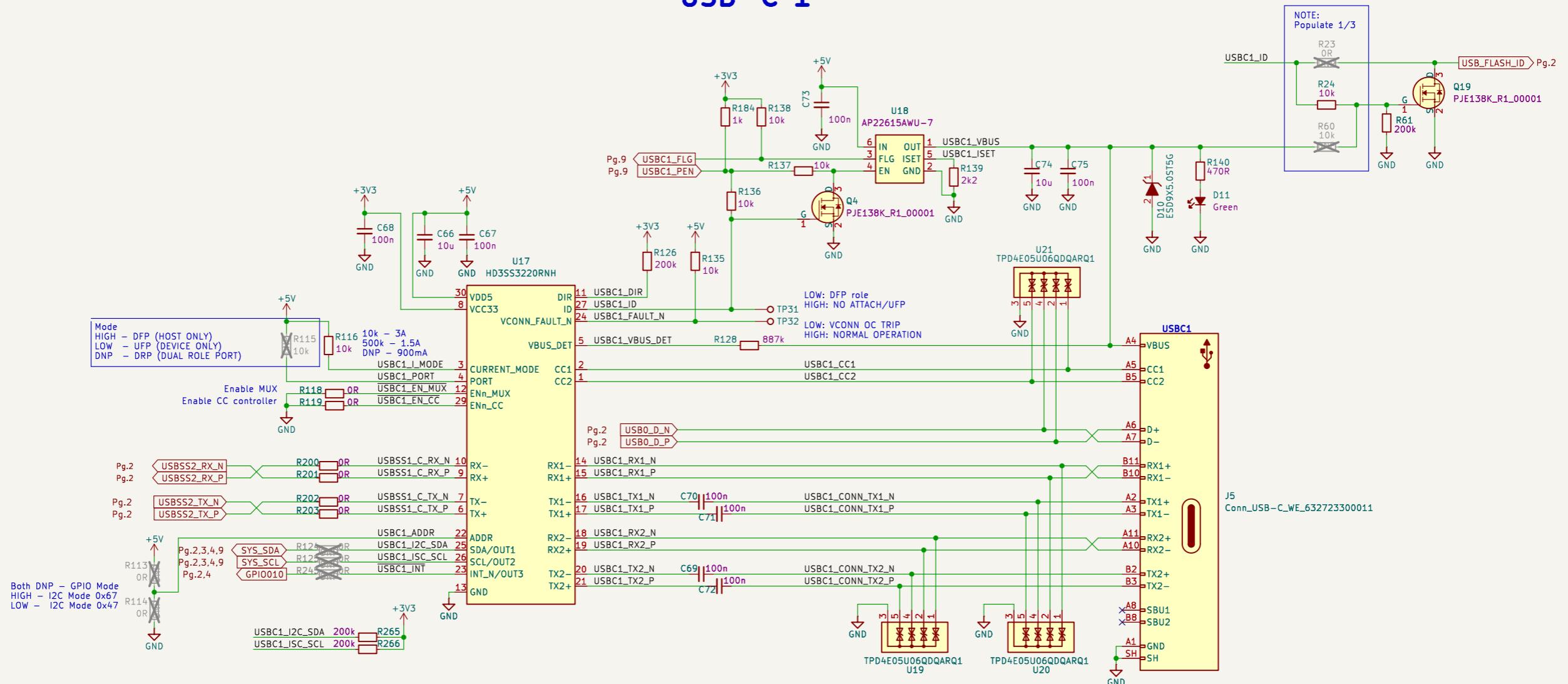


Debug USB-C 3

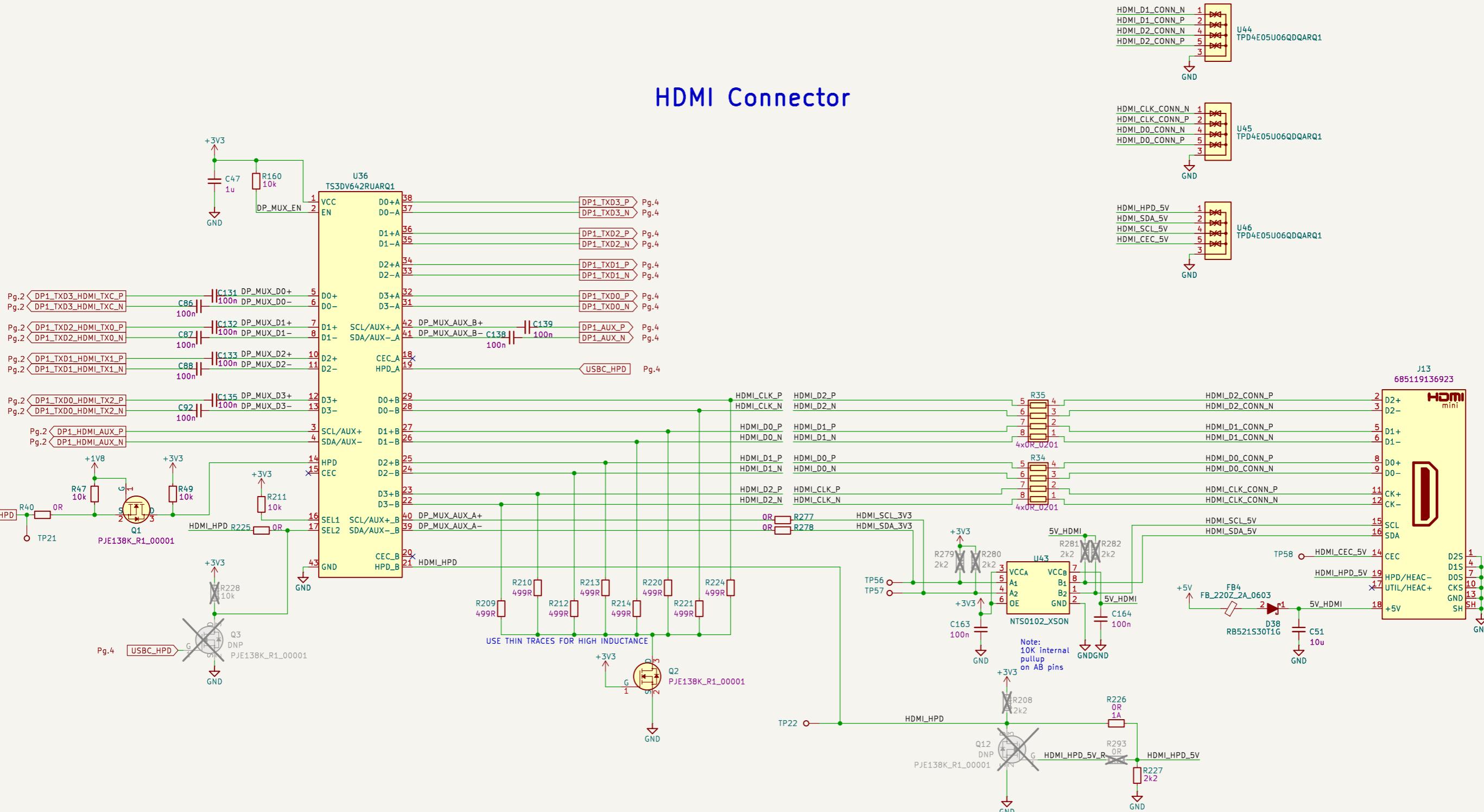
USB-PD Source/Sink



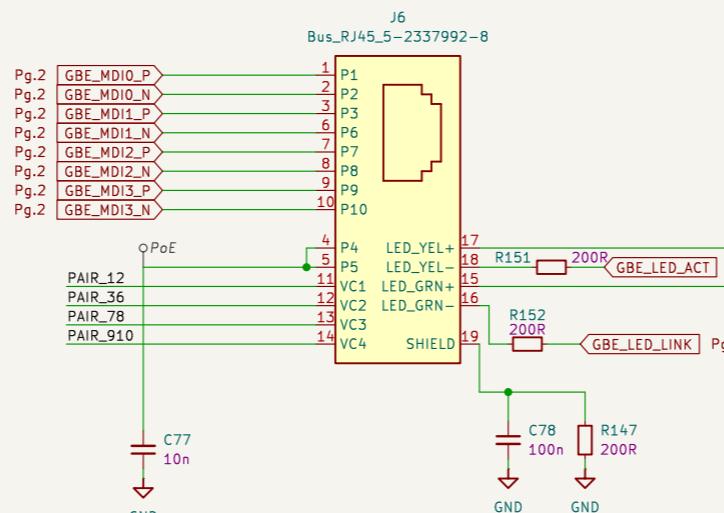
USB-C 1



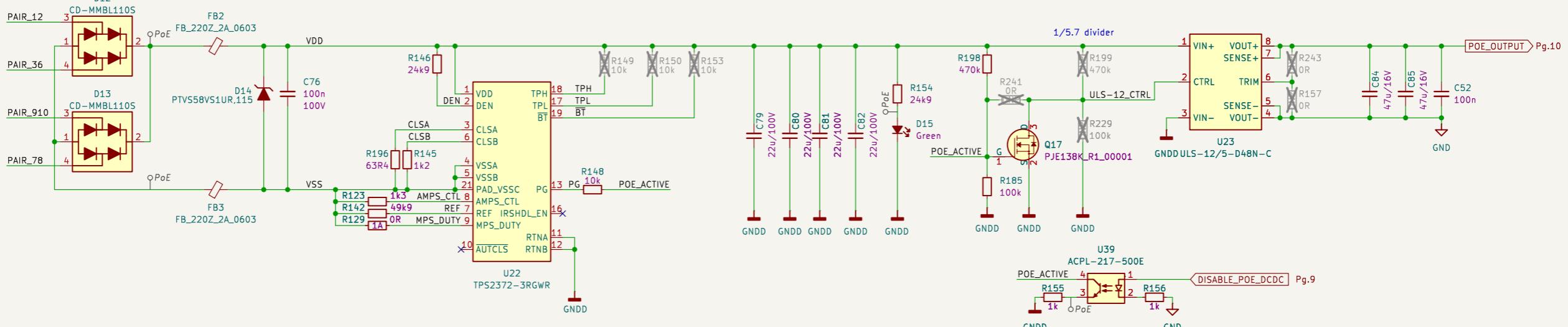
HDMI Connector



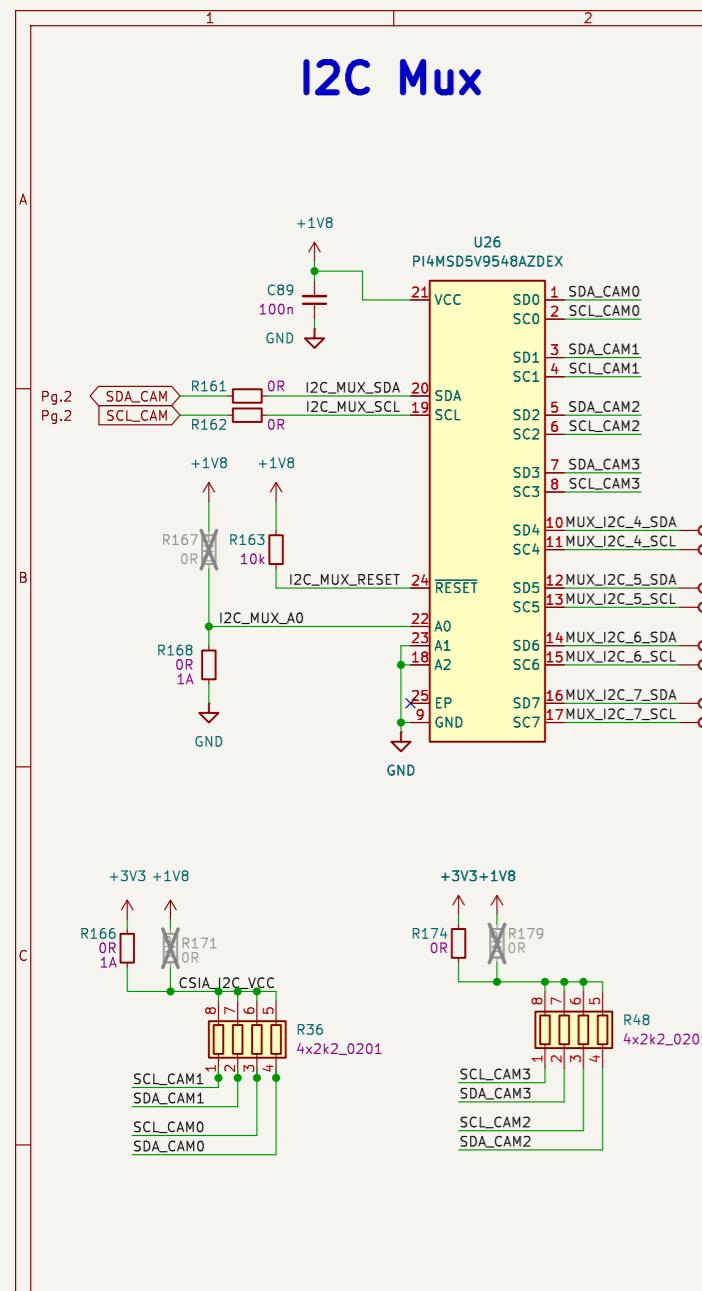
Ethernet Connector



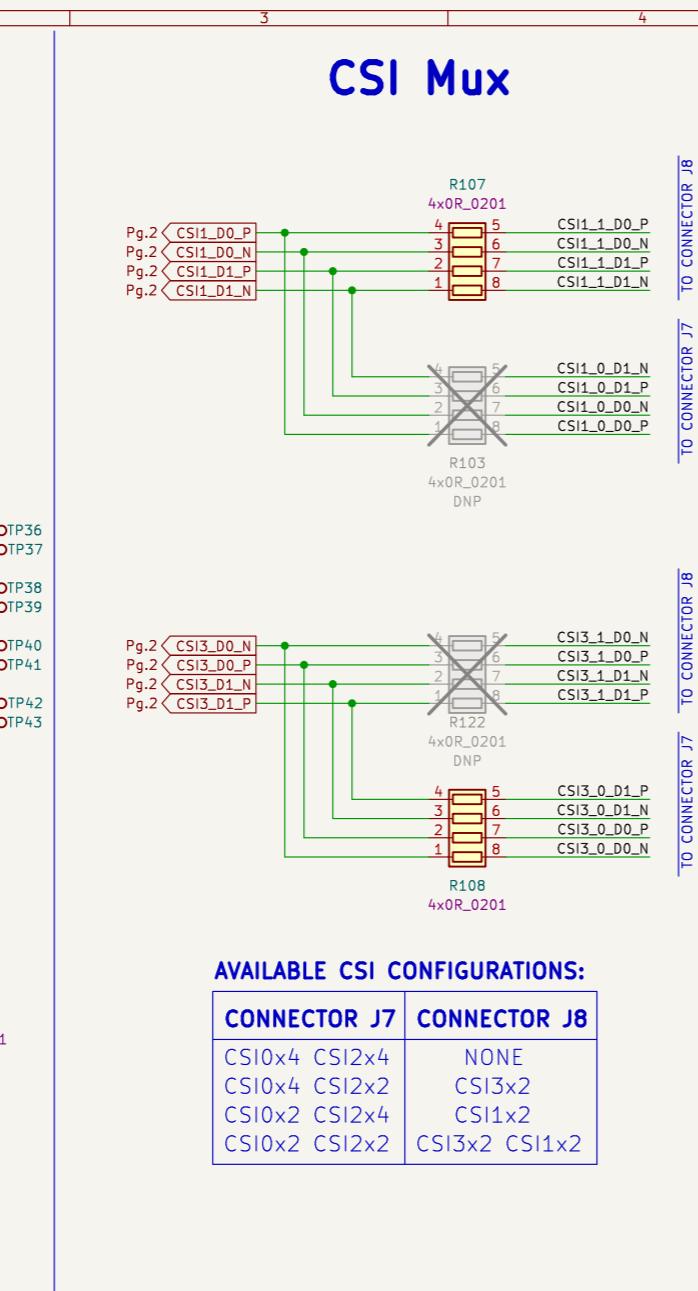
Power over Ethernet



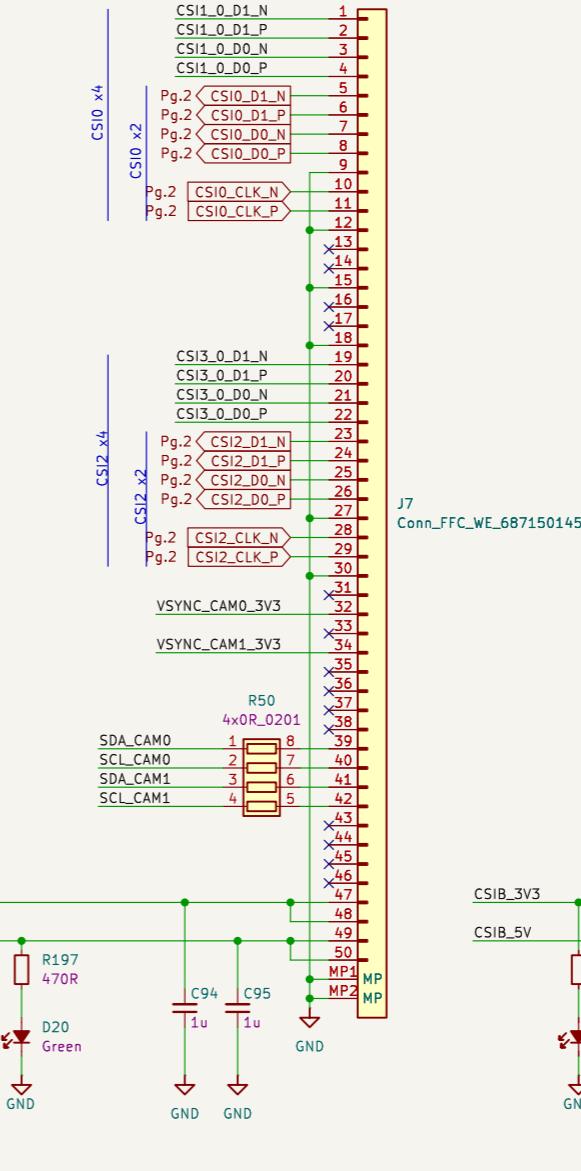
I2C Mux



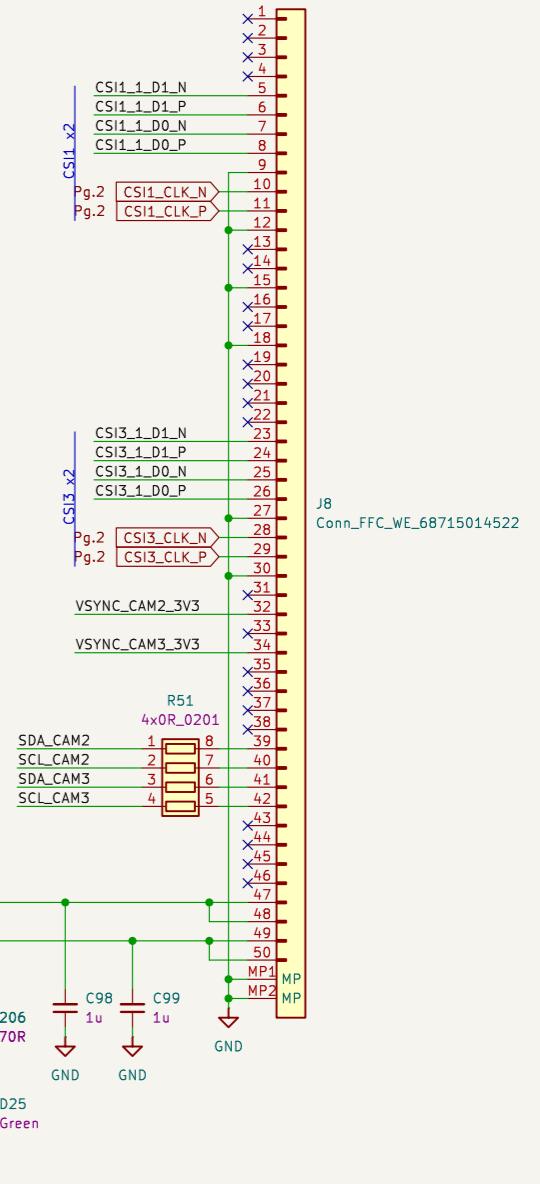
CSI Mux



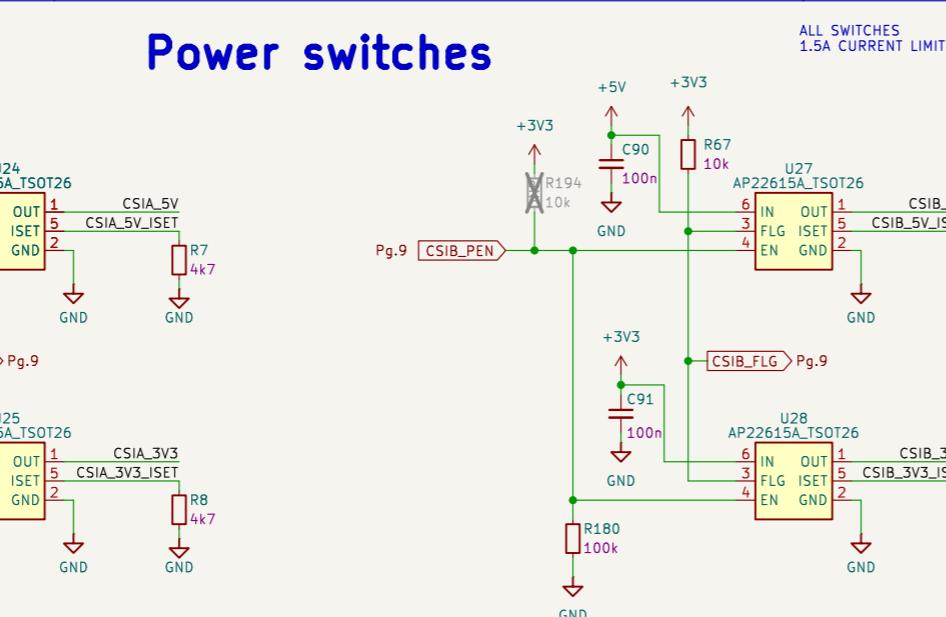
CSI connector J7



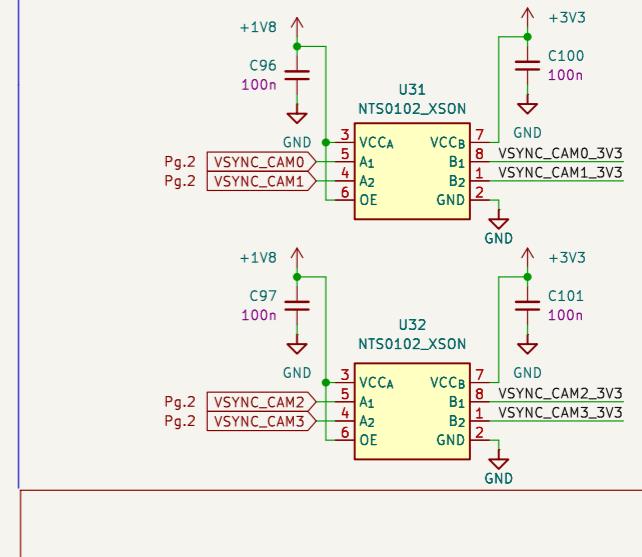
CSI connector J8



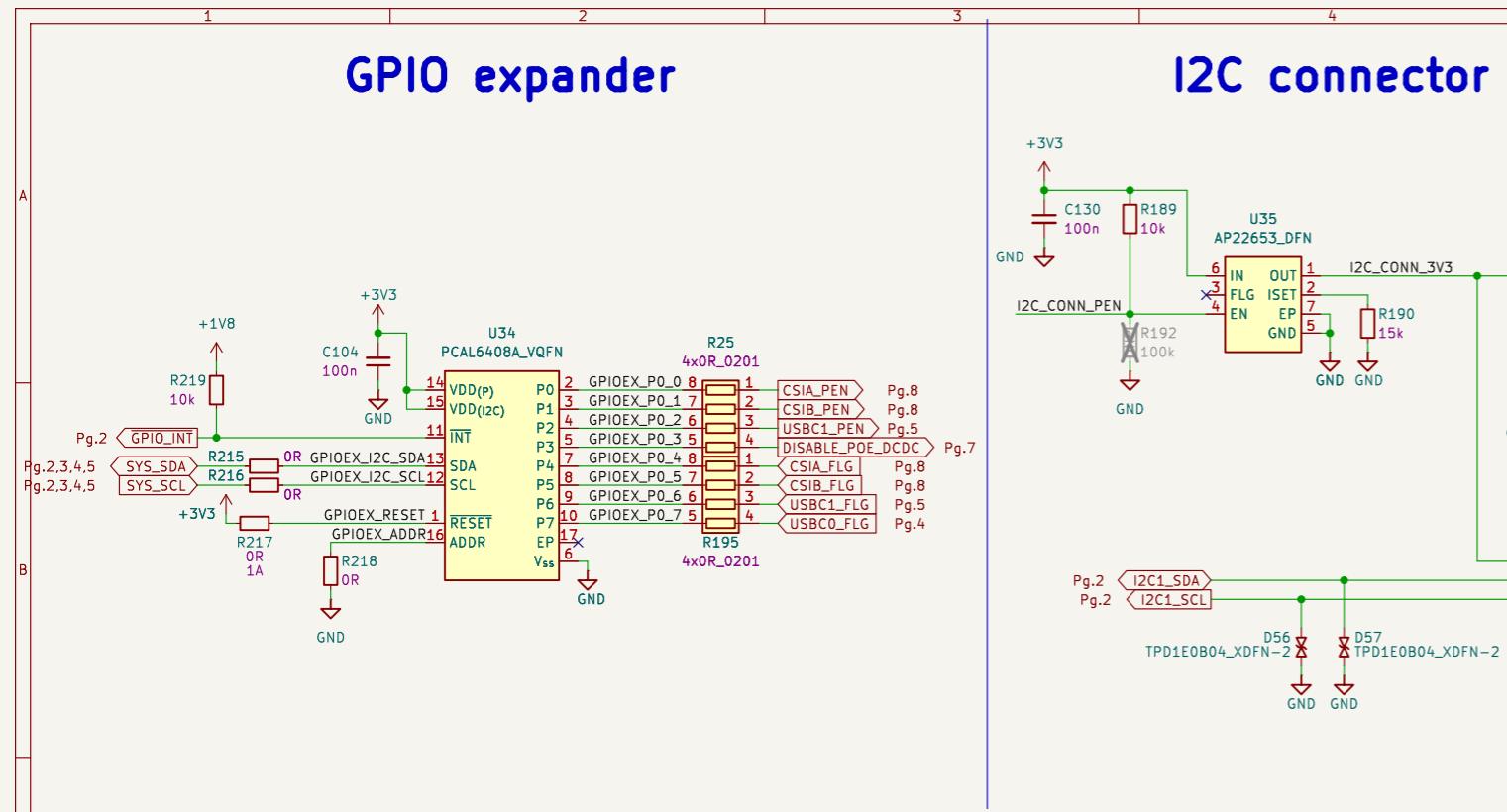
Power switches



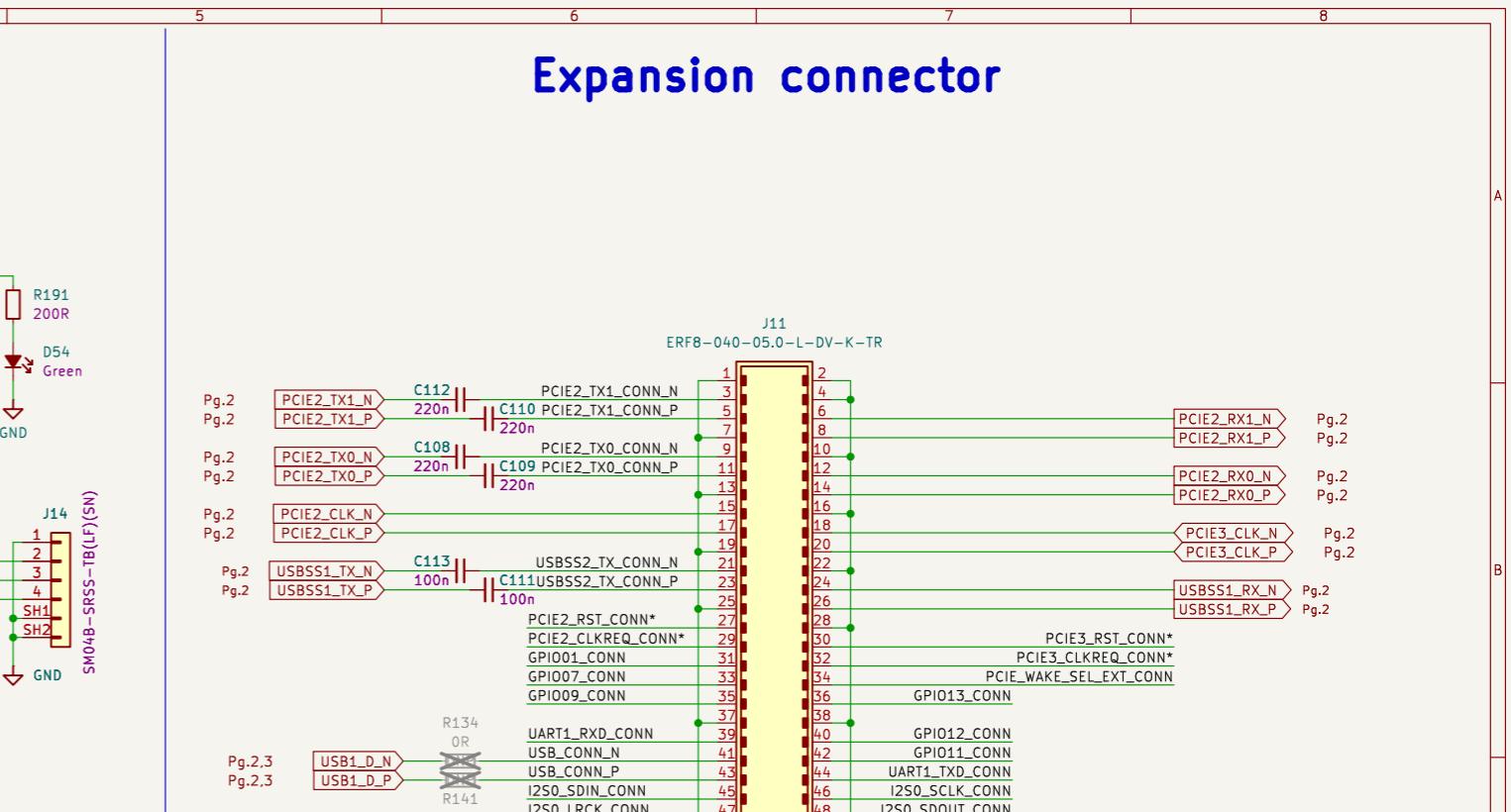
Level shifters



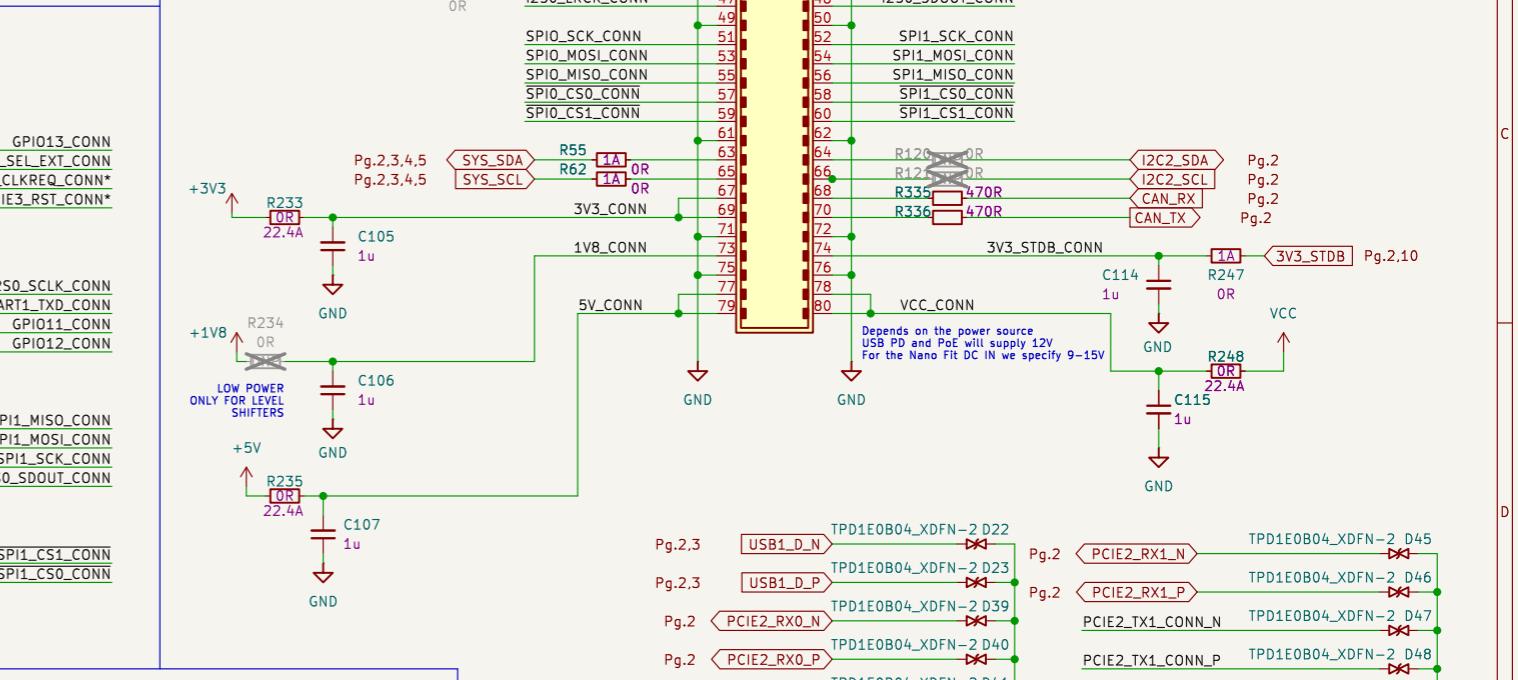
GPIO expander



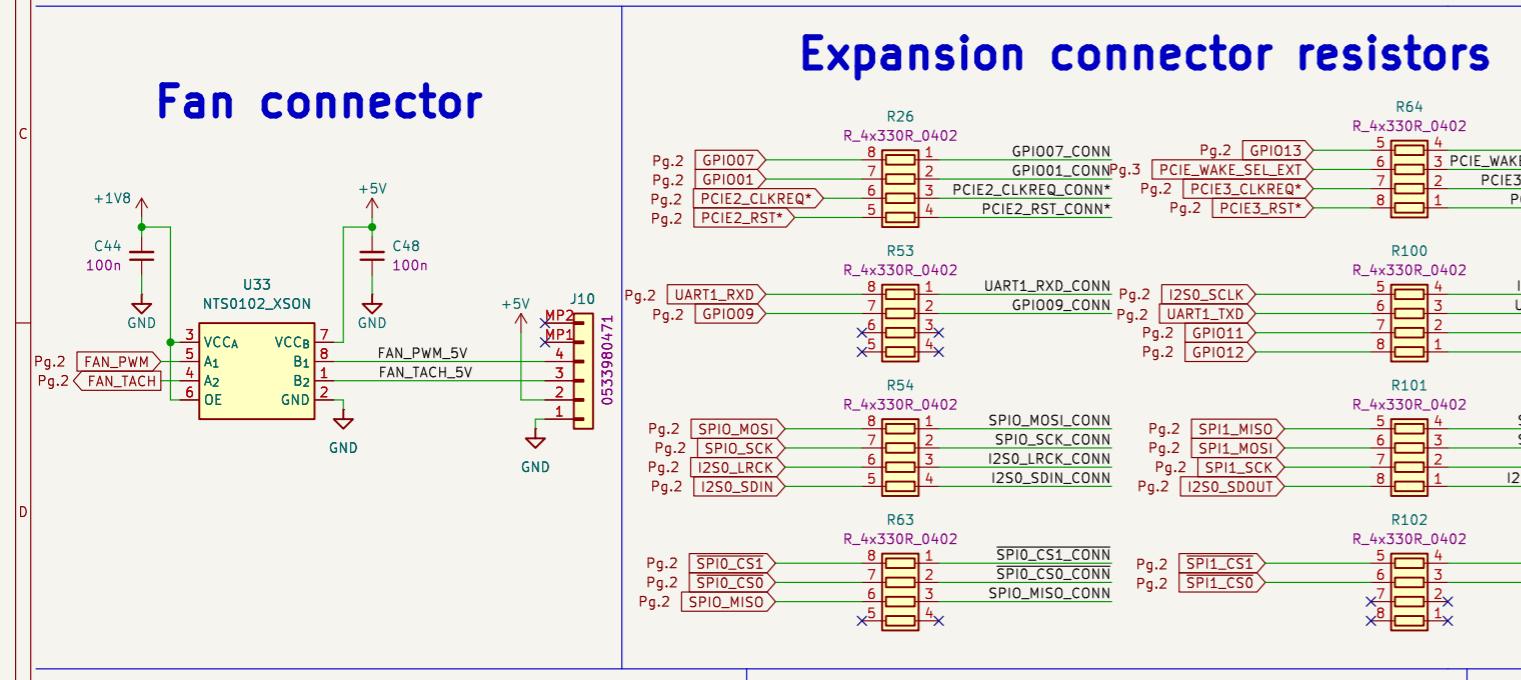
I2C connector



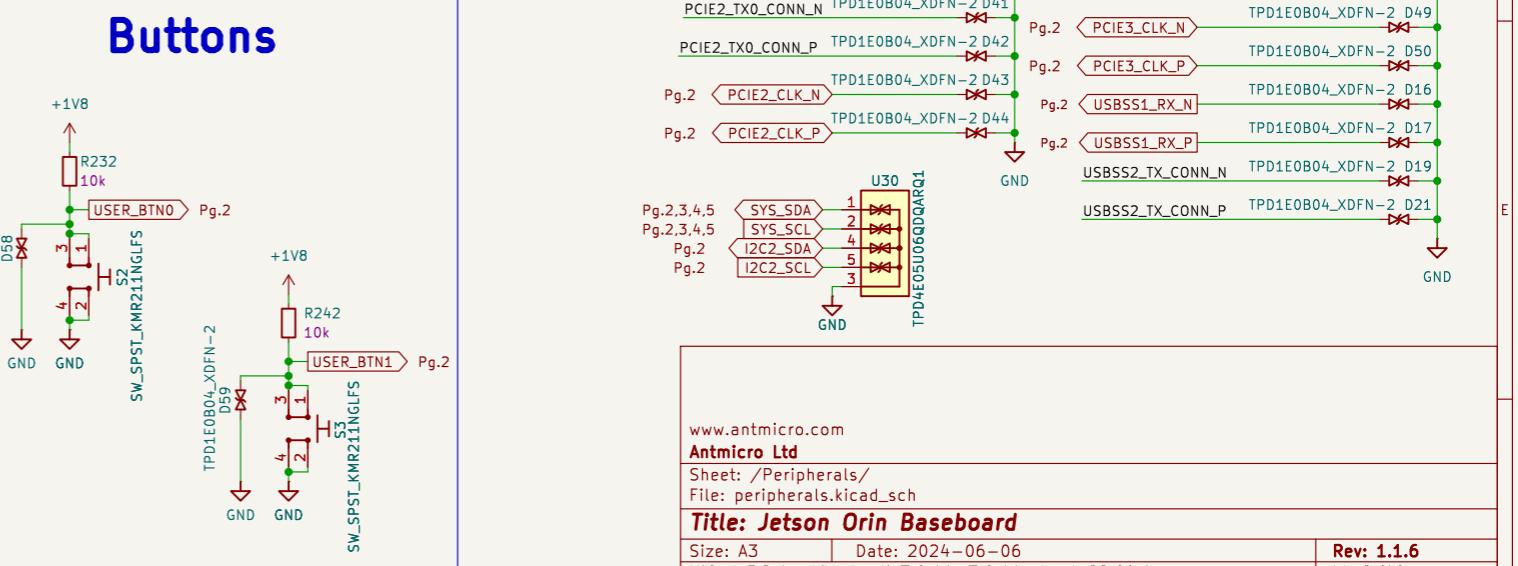
Expansion connector



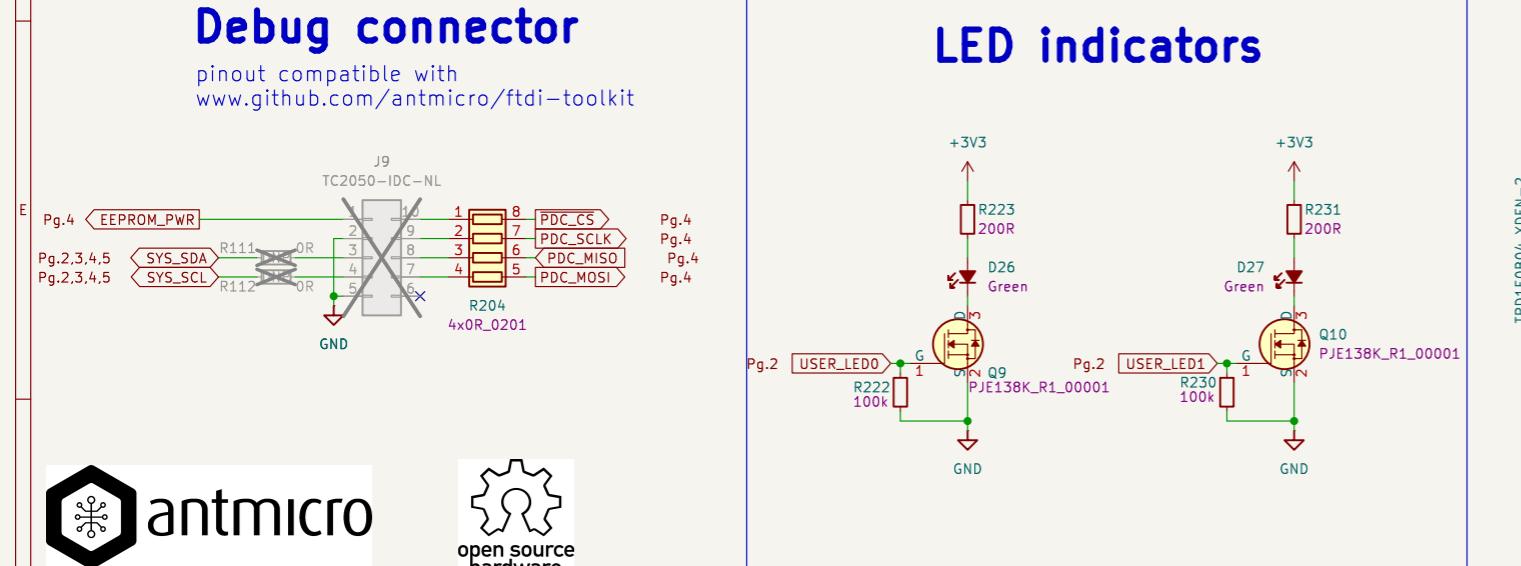
Fan connector



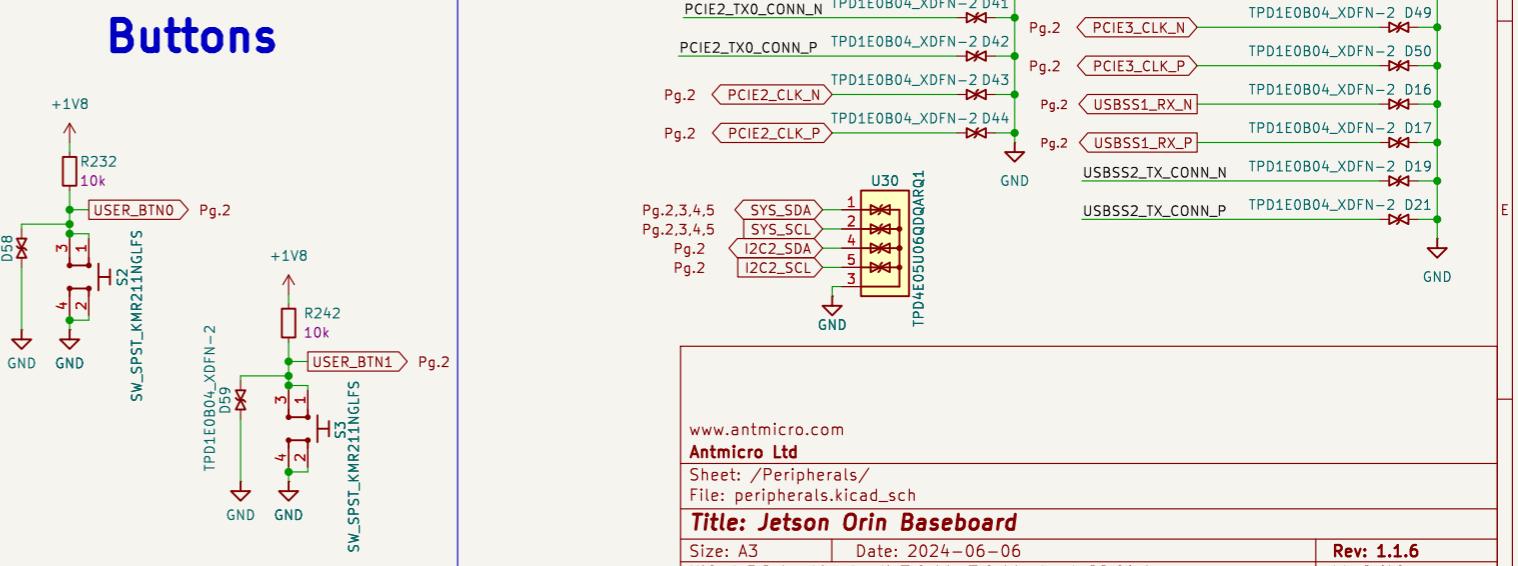
Expansion connector resistors



Debug connector



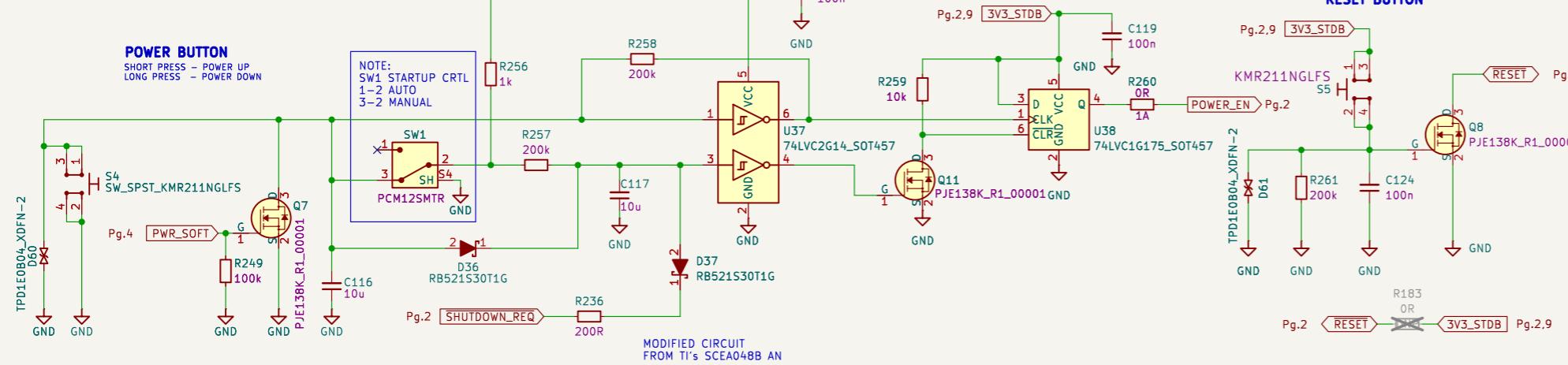
LED indicators



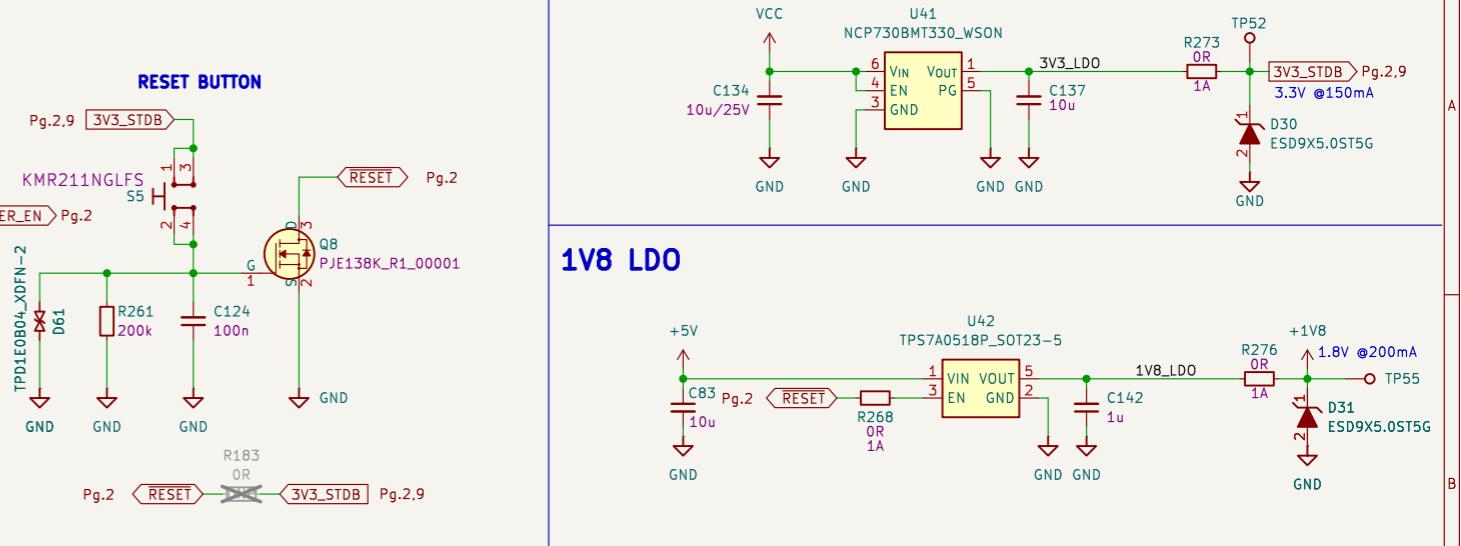
Buttons

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Sheet: /Peripherals/
File: peripherals.kicad_sch
Title: Jetson Orin Baseboard
Size: A3 Date: 2024-06-06
KiCad E.D.A. kicad-cl 7.0.11-7.0.11-ubuntu22.04.1 Rev: 1.1.6
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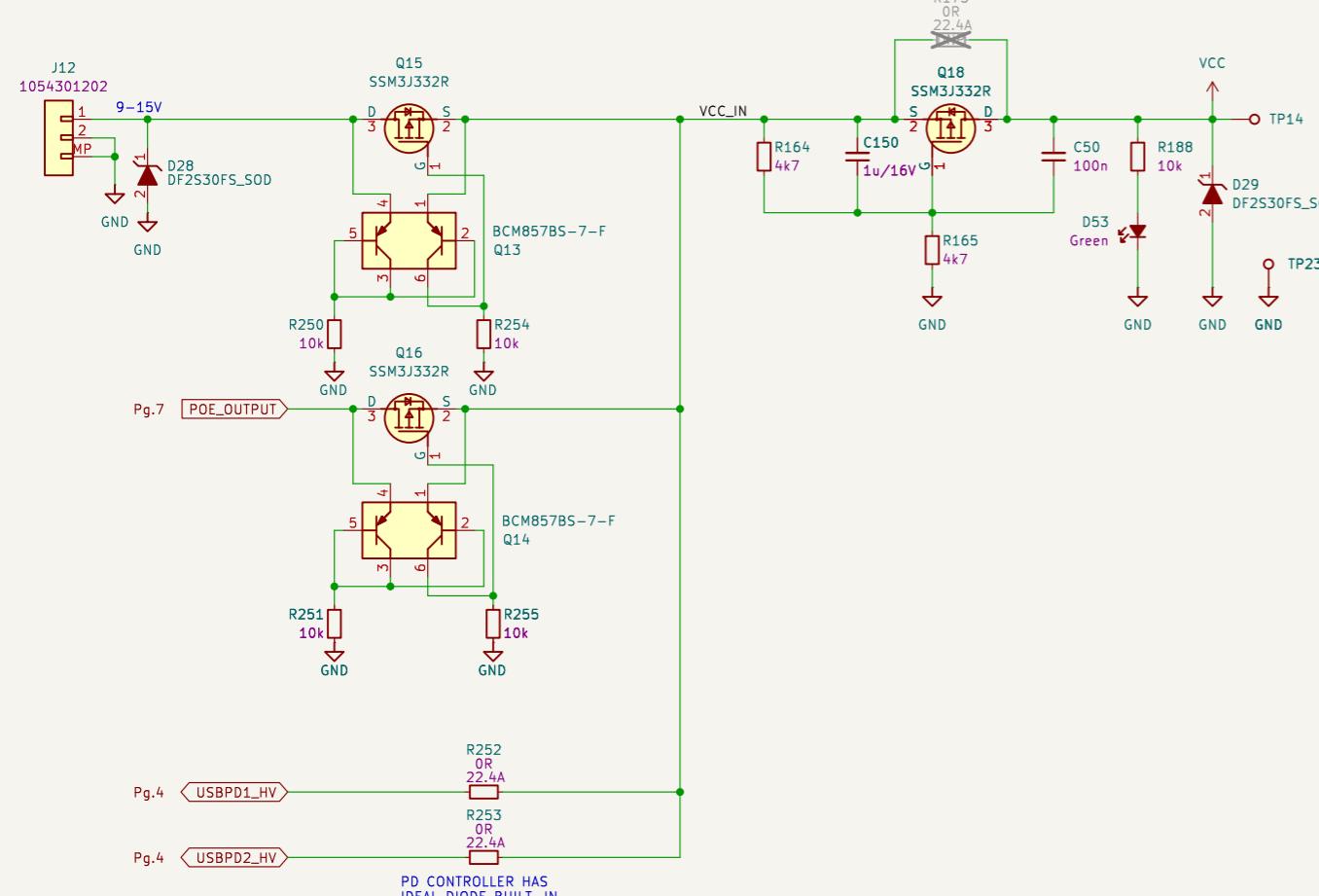
POWER-UP AND RESET CIRCUITY



3V3 STANDBY LDO



INPUT SELECTOR AND SOFT START



5V DCDC

