

1 2 3 4 5 6 7 8

Jetson Orin Baseboard

github.com/antmicro/jetson-orin-baseboard

A

B

C

D

E

F

A

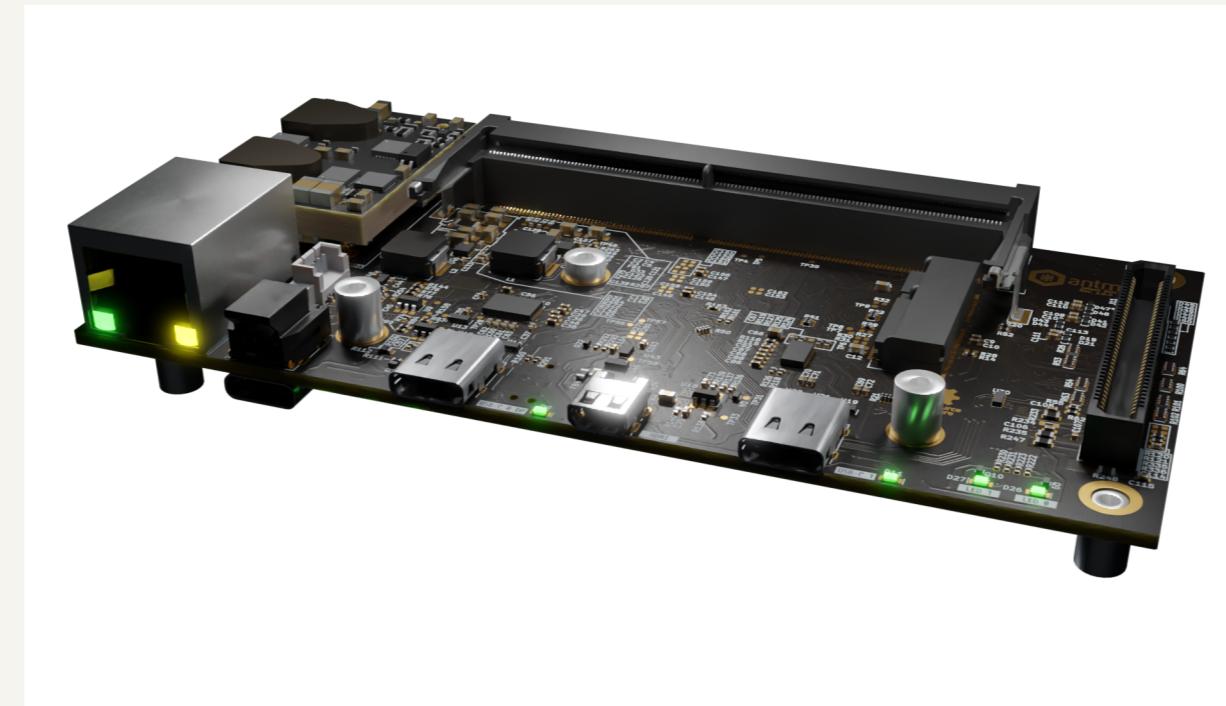
B

C

D

E

F



File: som.kicad_sch



File: m-2.kicad_sch



File: usb.kicad_sch



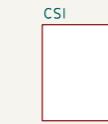
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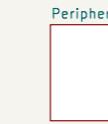
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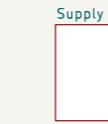
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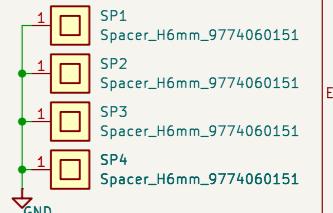
File: csi.kicad_sch



File: peripherals.kicad_sch



File: supply.kicad_sch



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Sheet: / File: jetson-orin-baseboard.kicad_sch

Title: Jetson Orin Baseboard

Size: A3 Date: 2024-03-26

KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.1.3:90e47

Id: 1/10

1

2

3

4

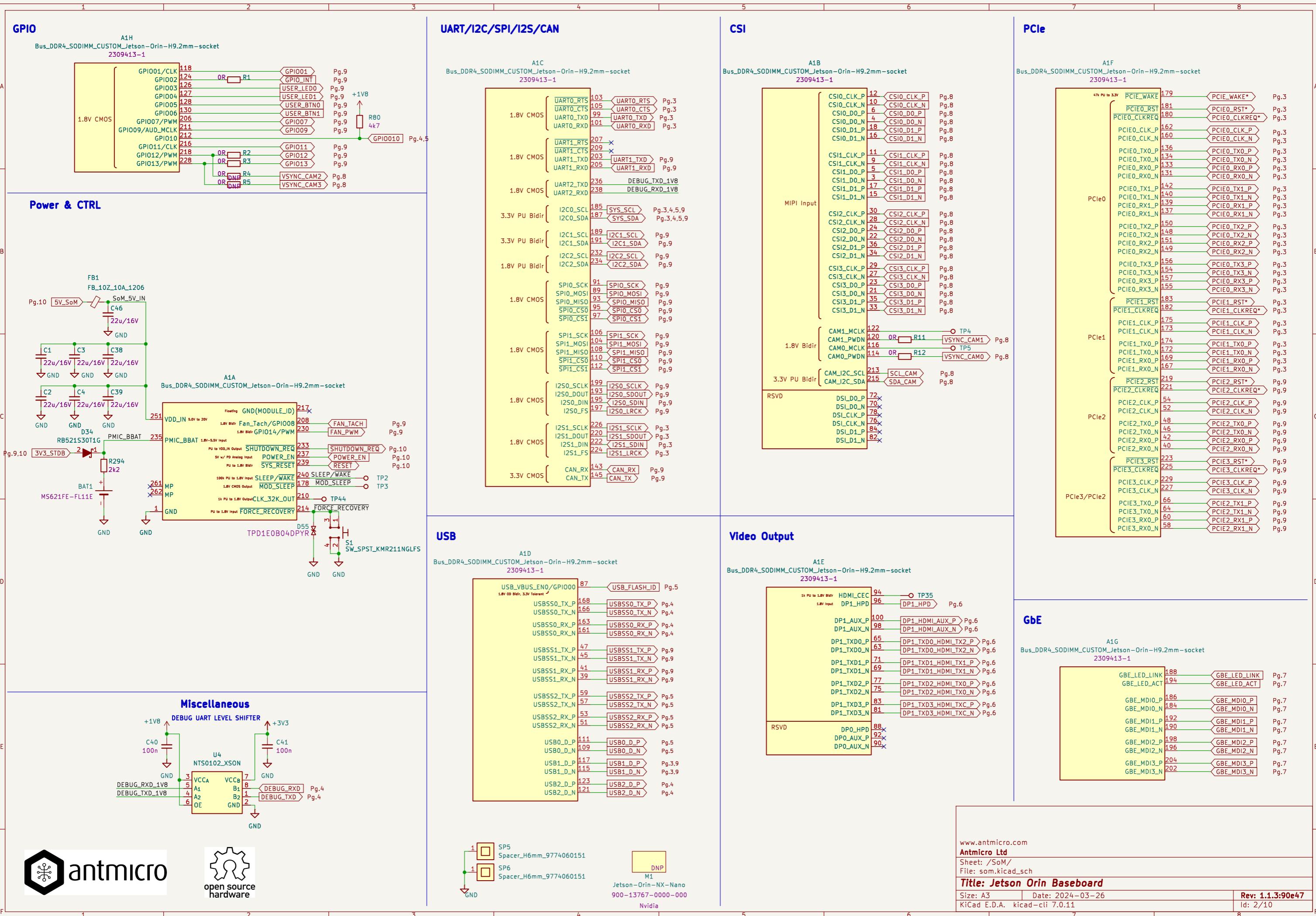
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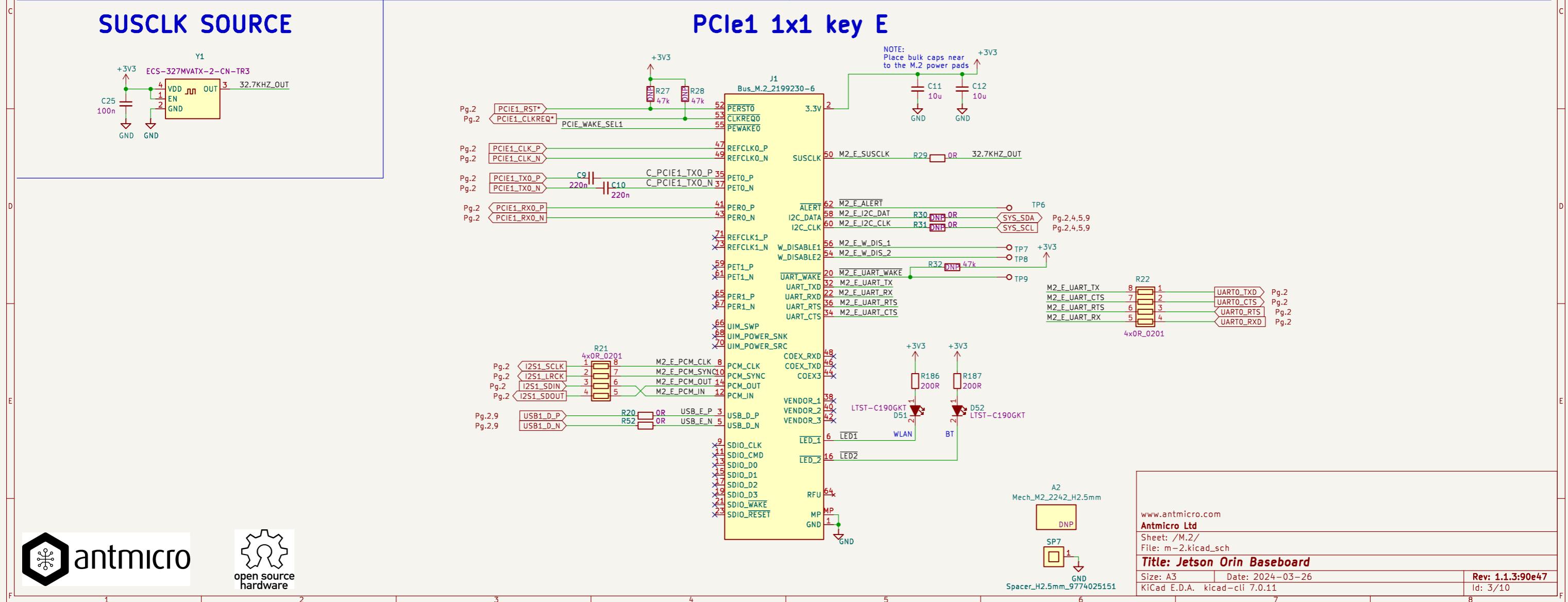
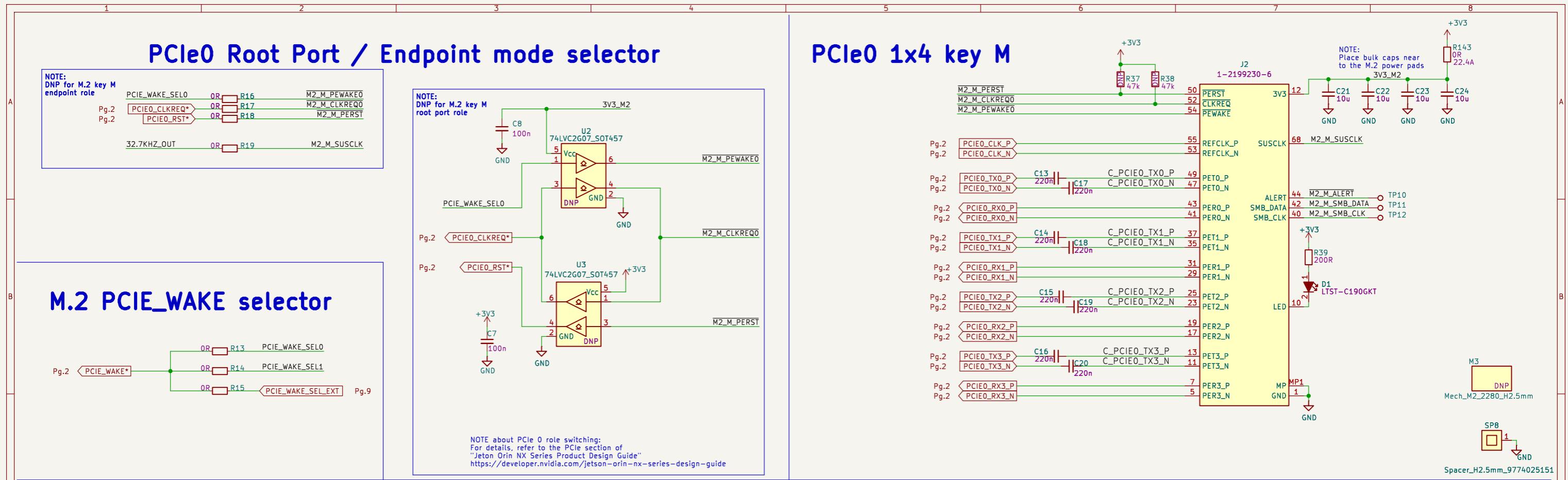
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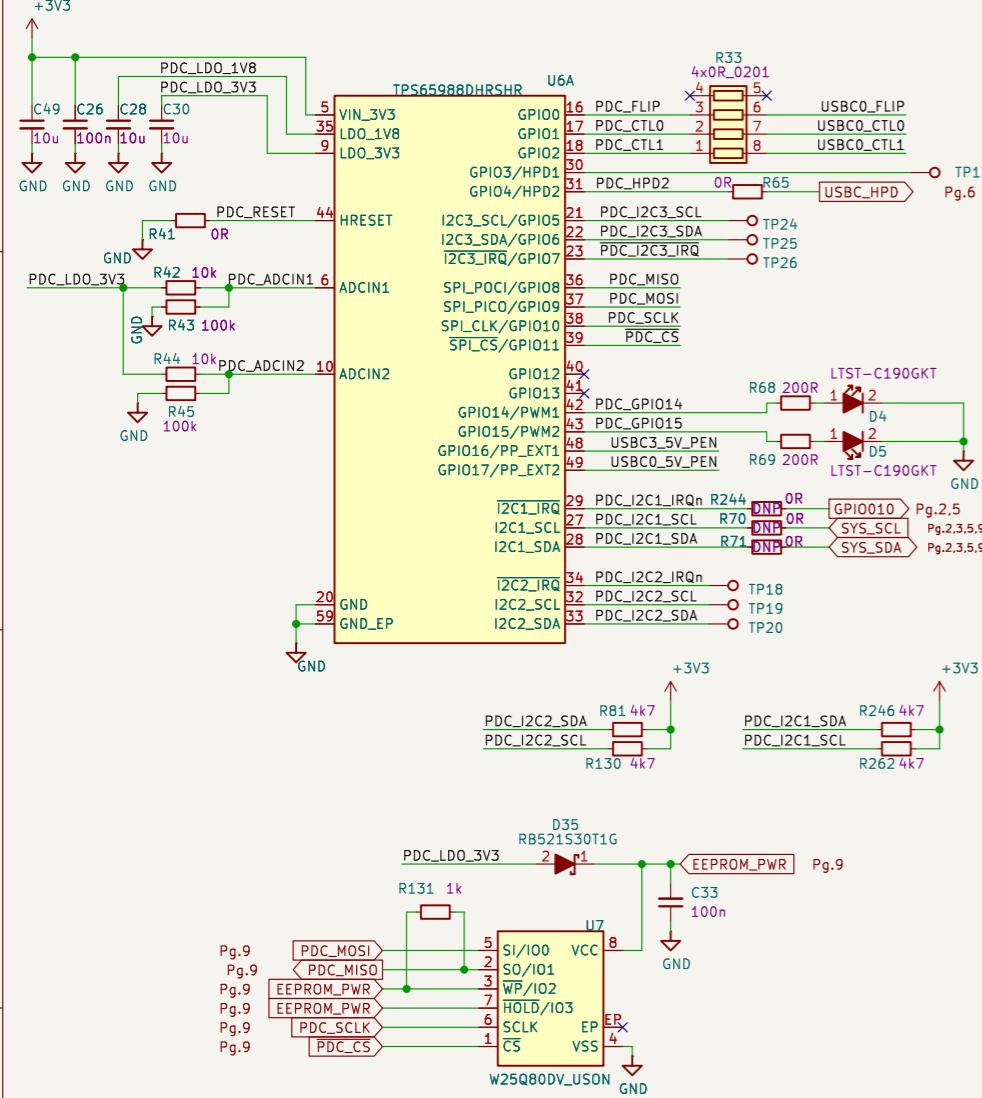
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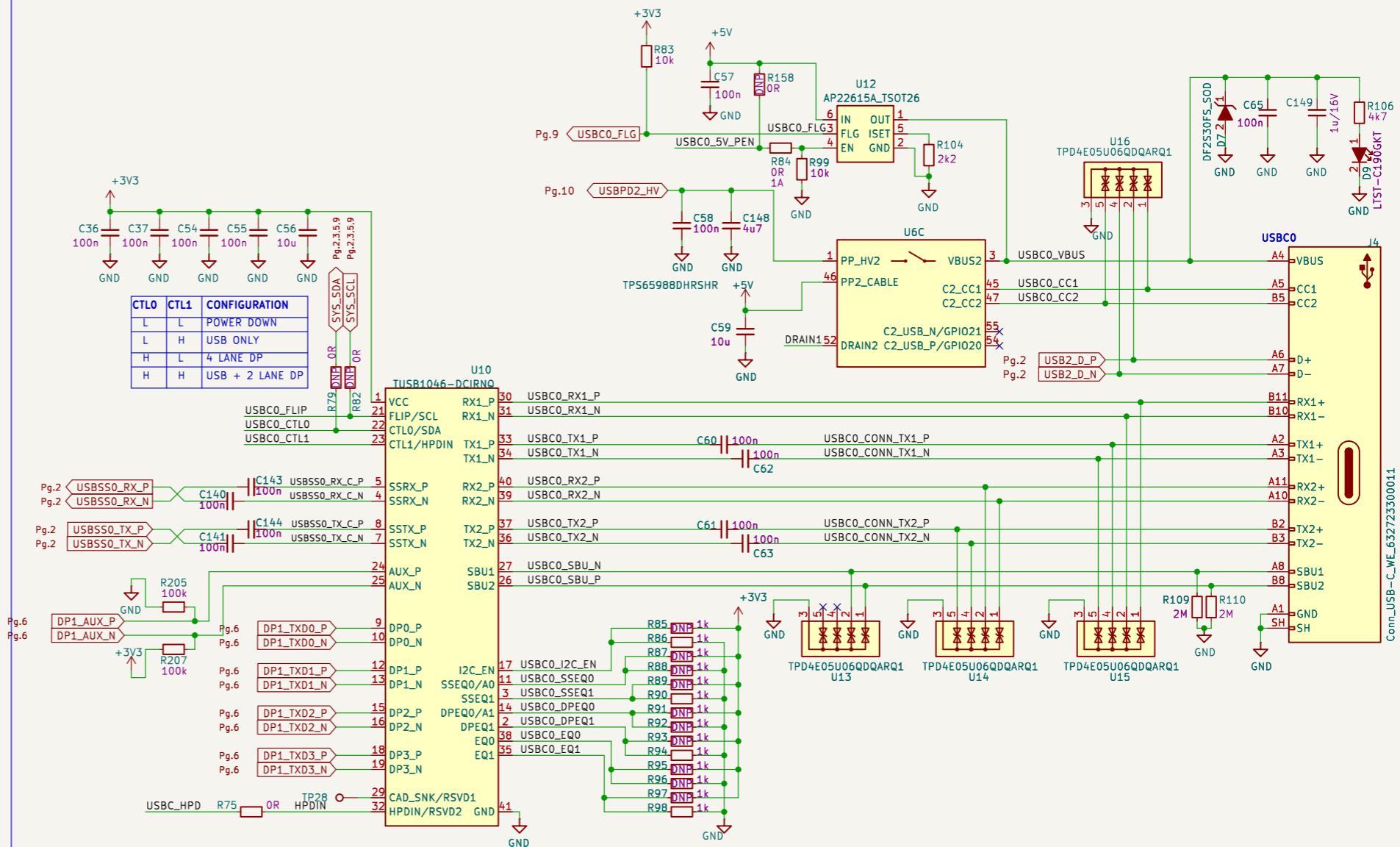


USB PD Controller

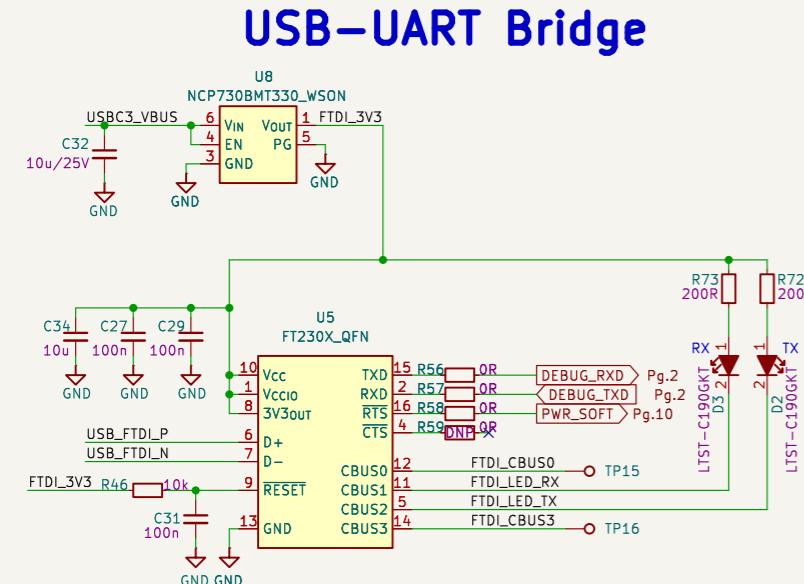


USB-C 0 Display Port alt mode

USB-PD Source/Sink

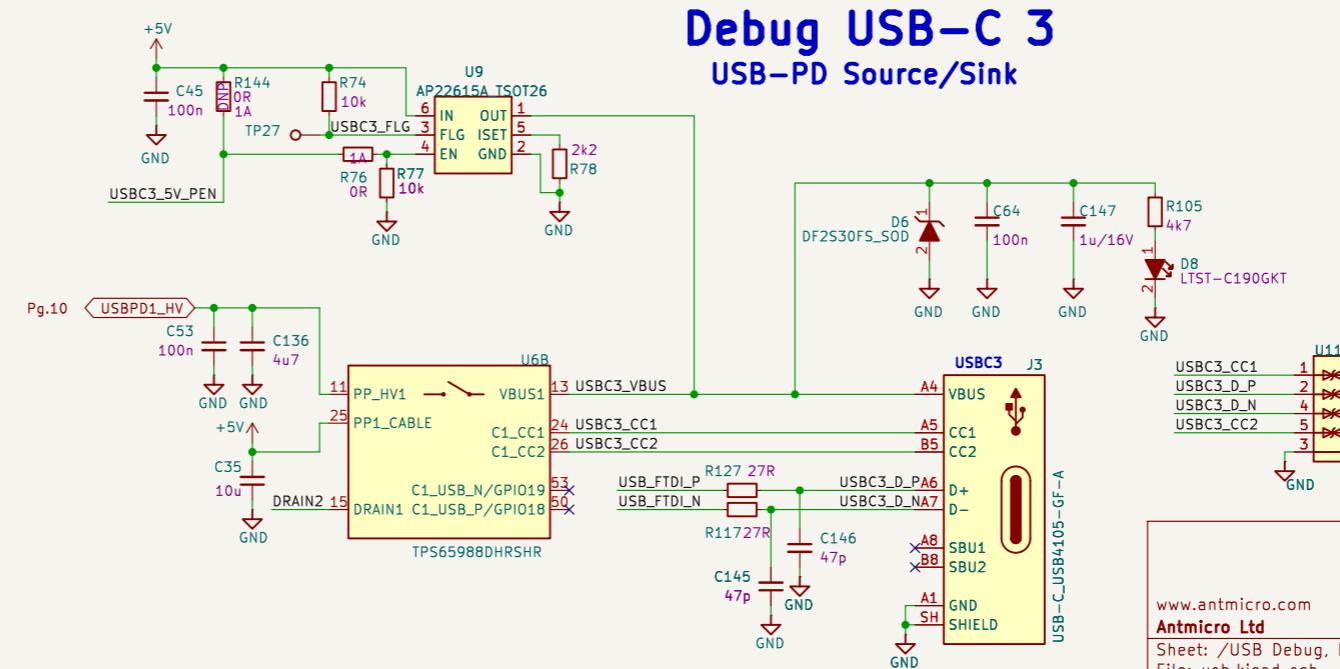


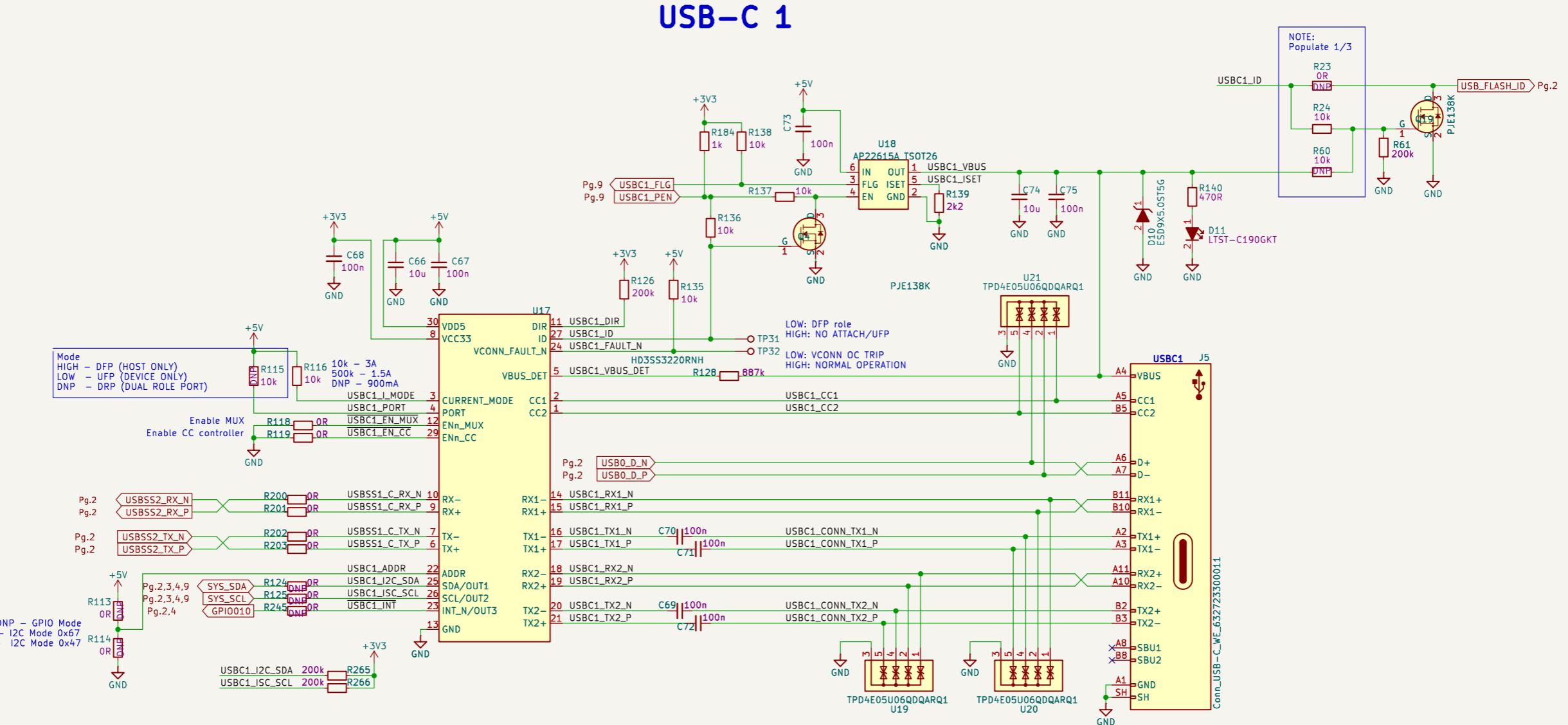
USB–UART Bridge

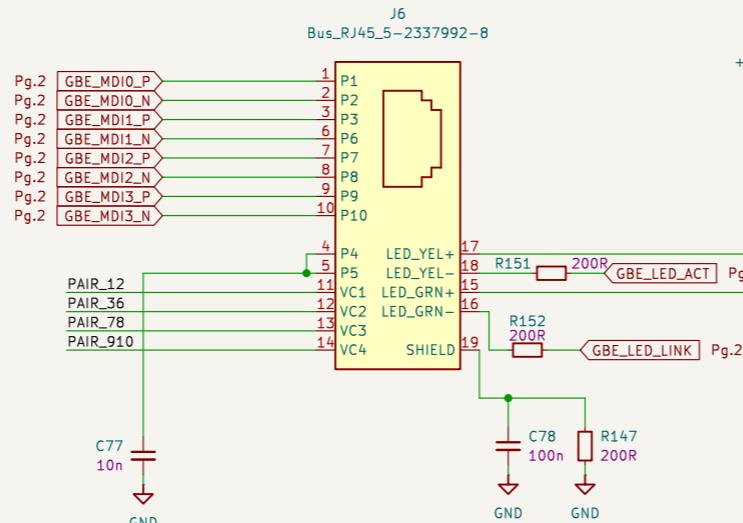


Debug USB-C 3

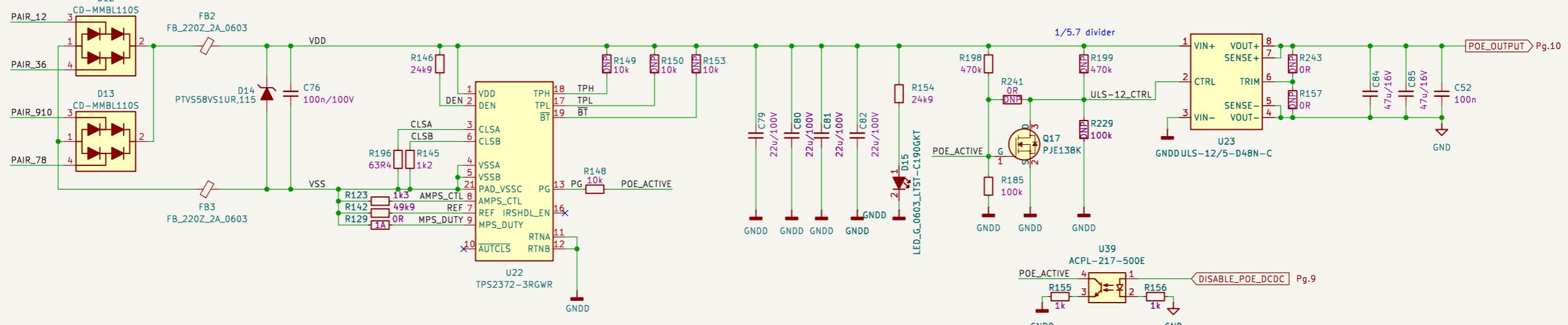
USB-PD Source/Sink



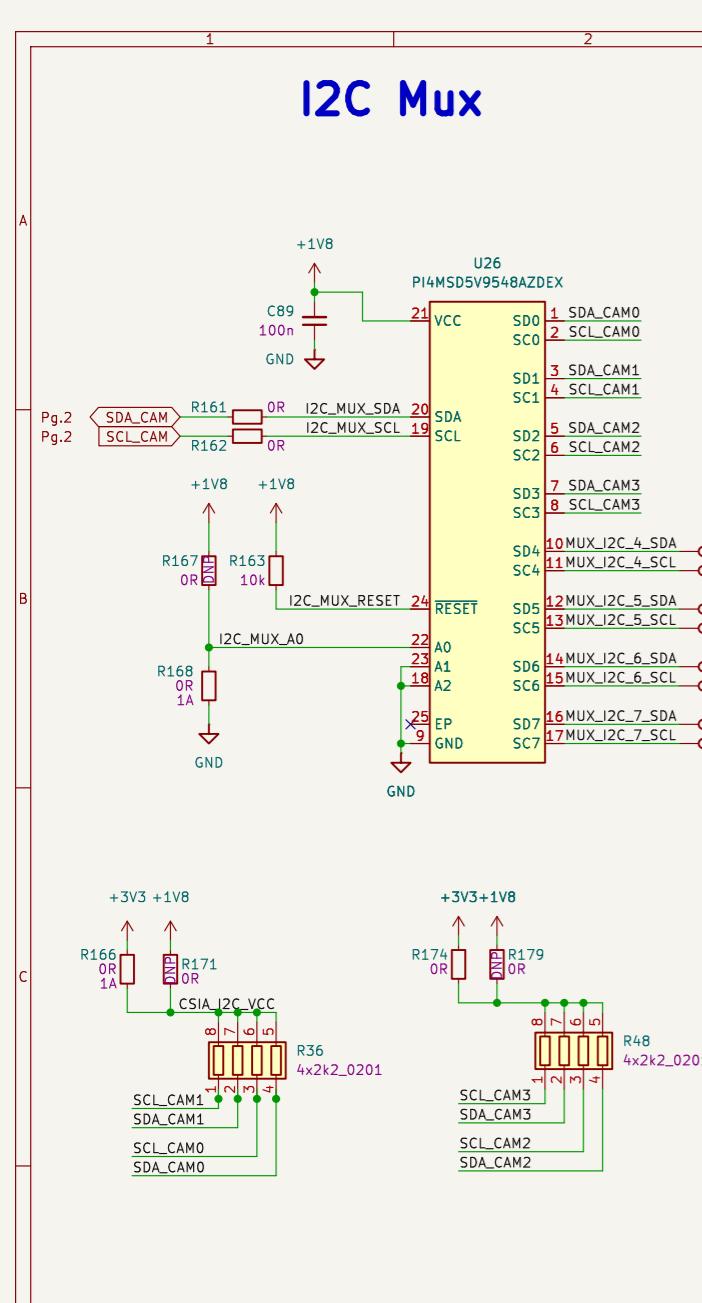




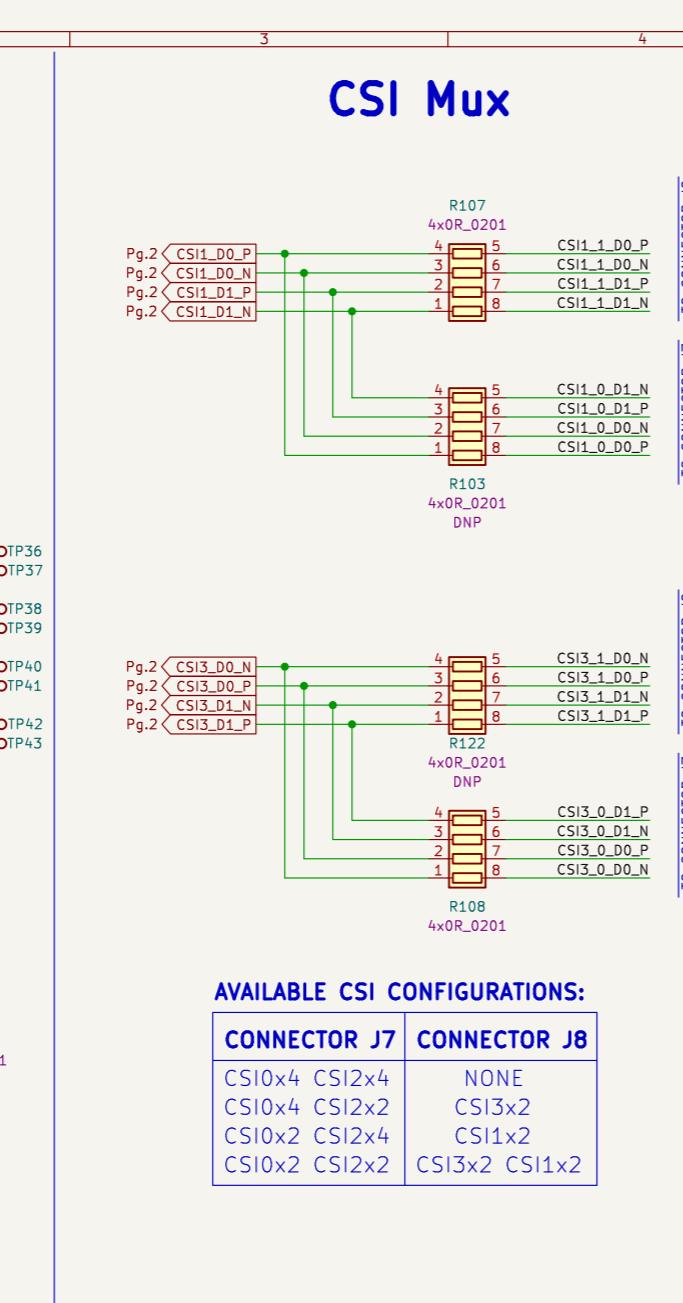
Power over Ethernet



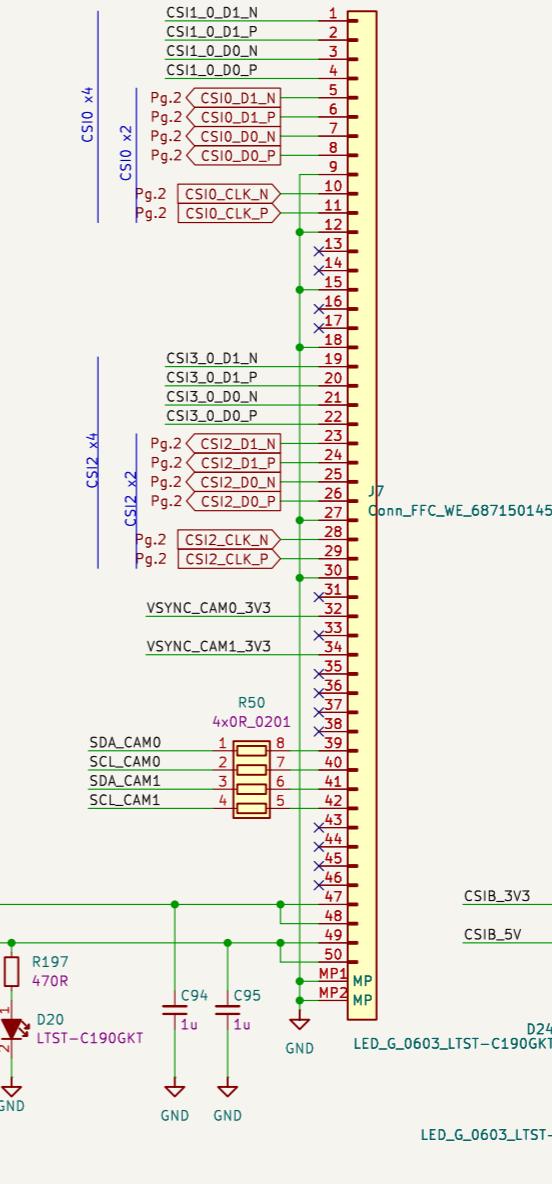
I2C Mux



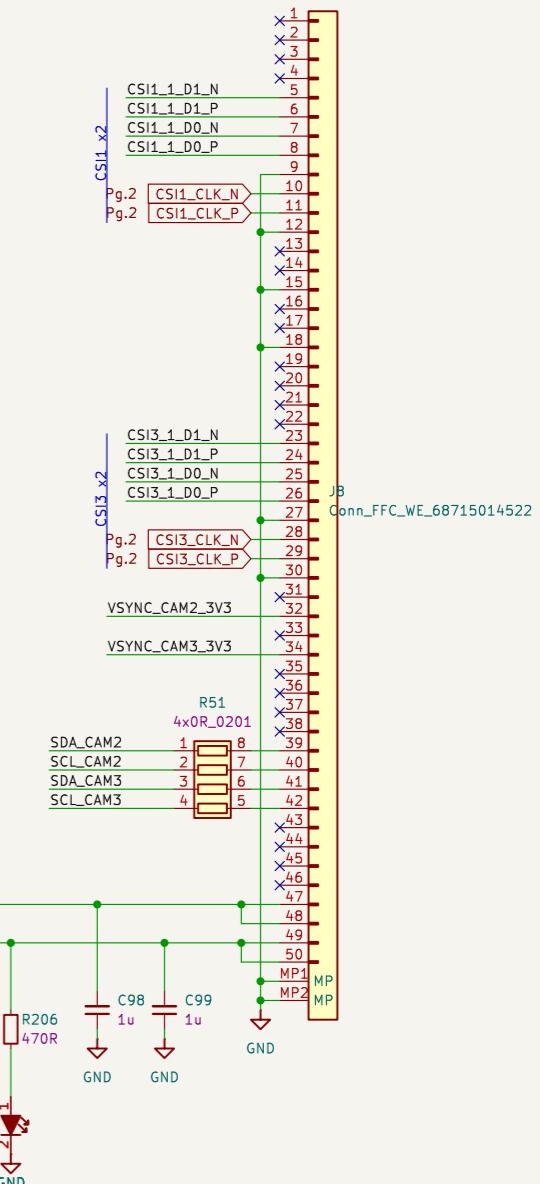
CSI Mux



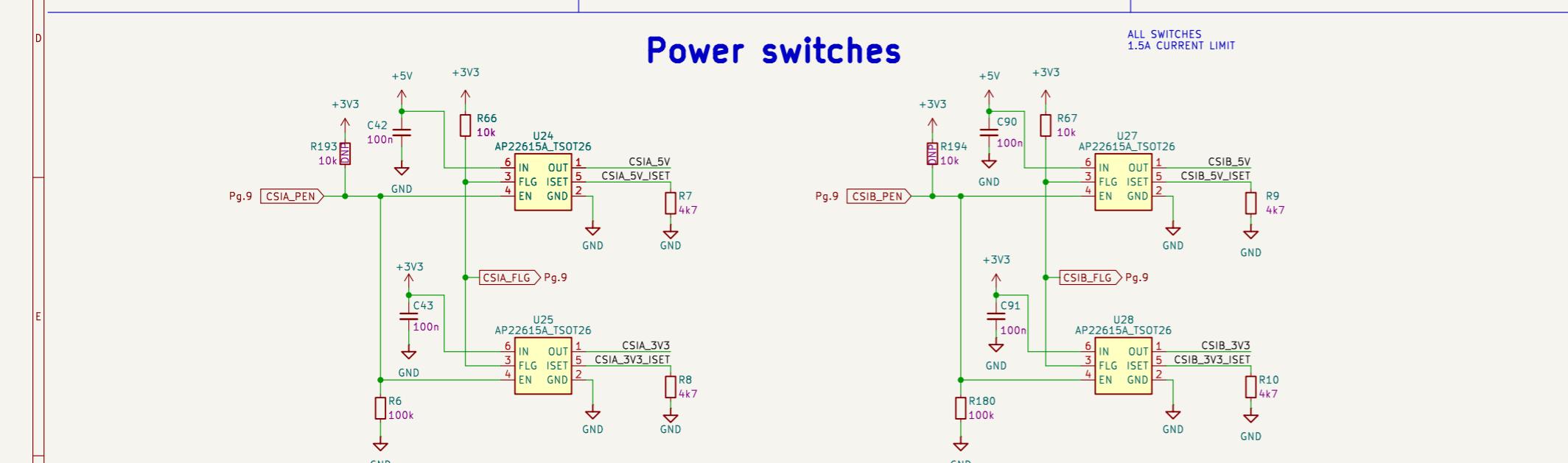
CSI connector J7



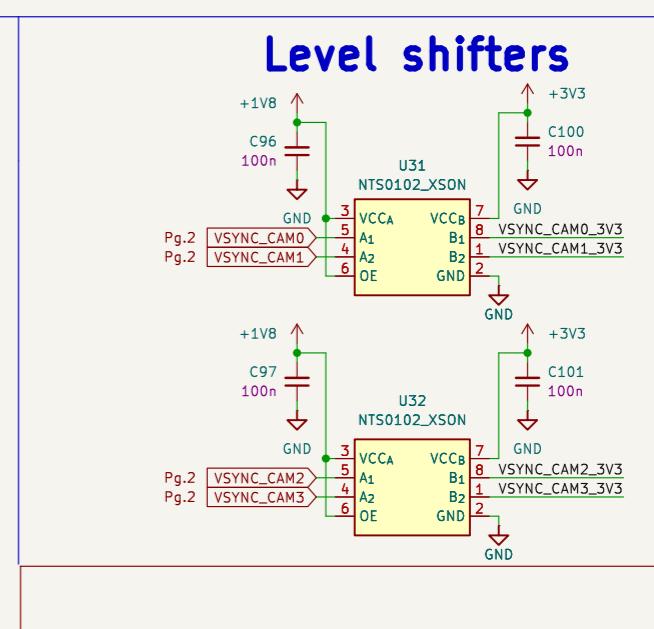
CSI connector J8



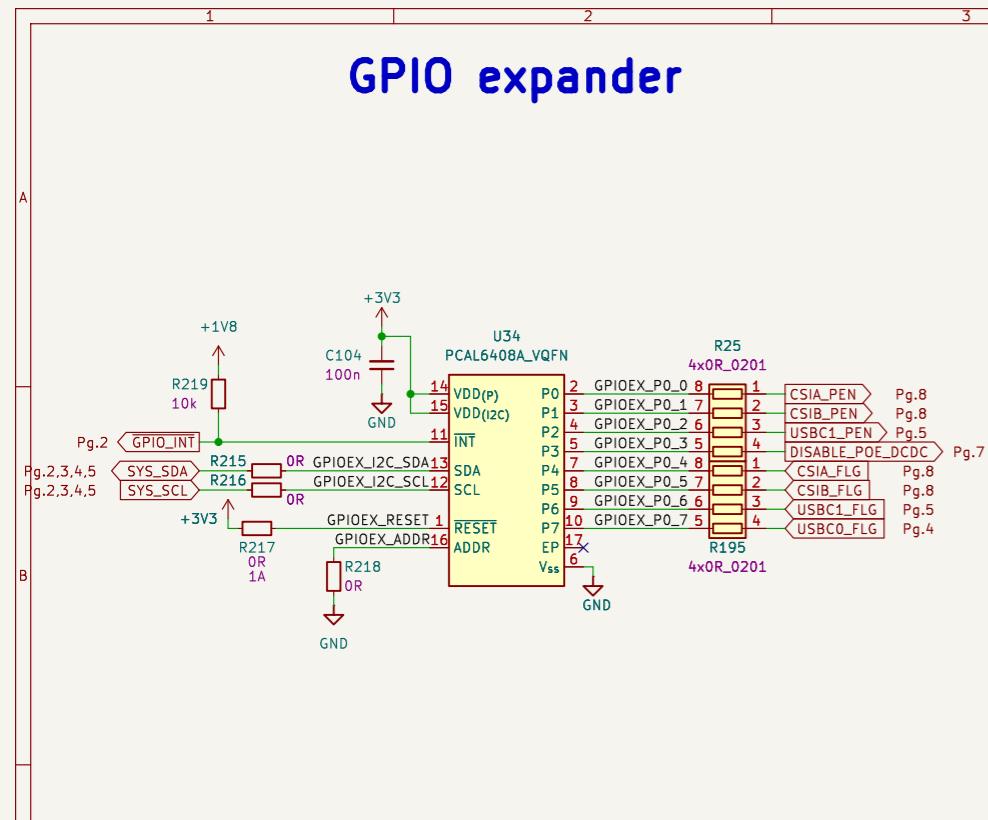
Power switches



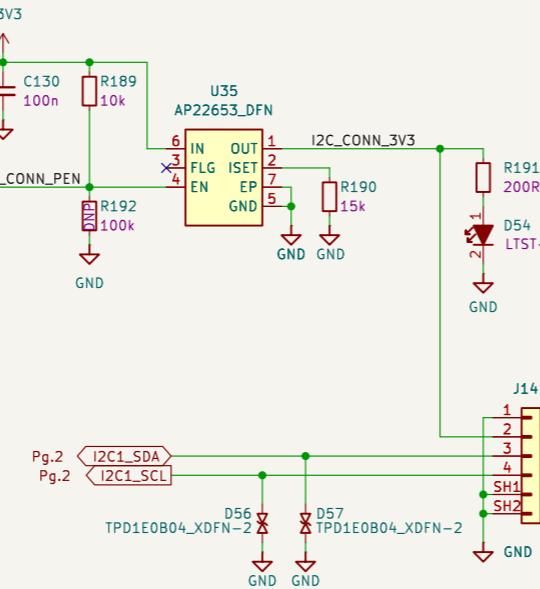
Level shifters



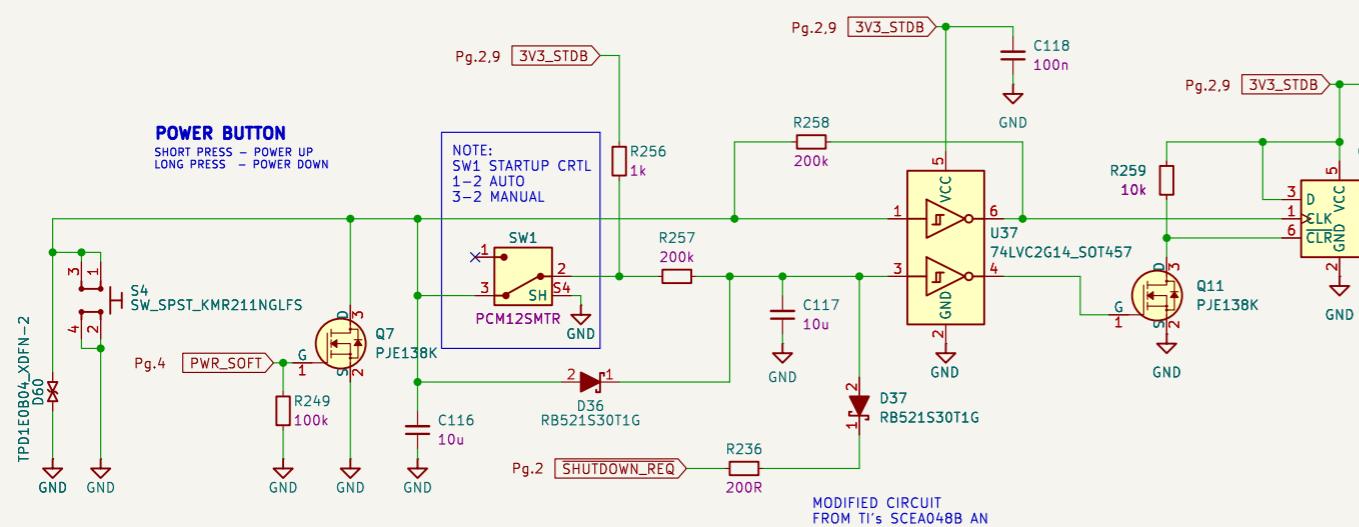
GPIO expander



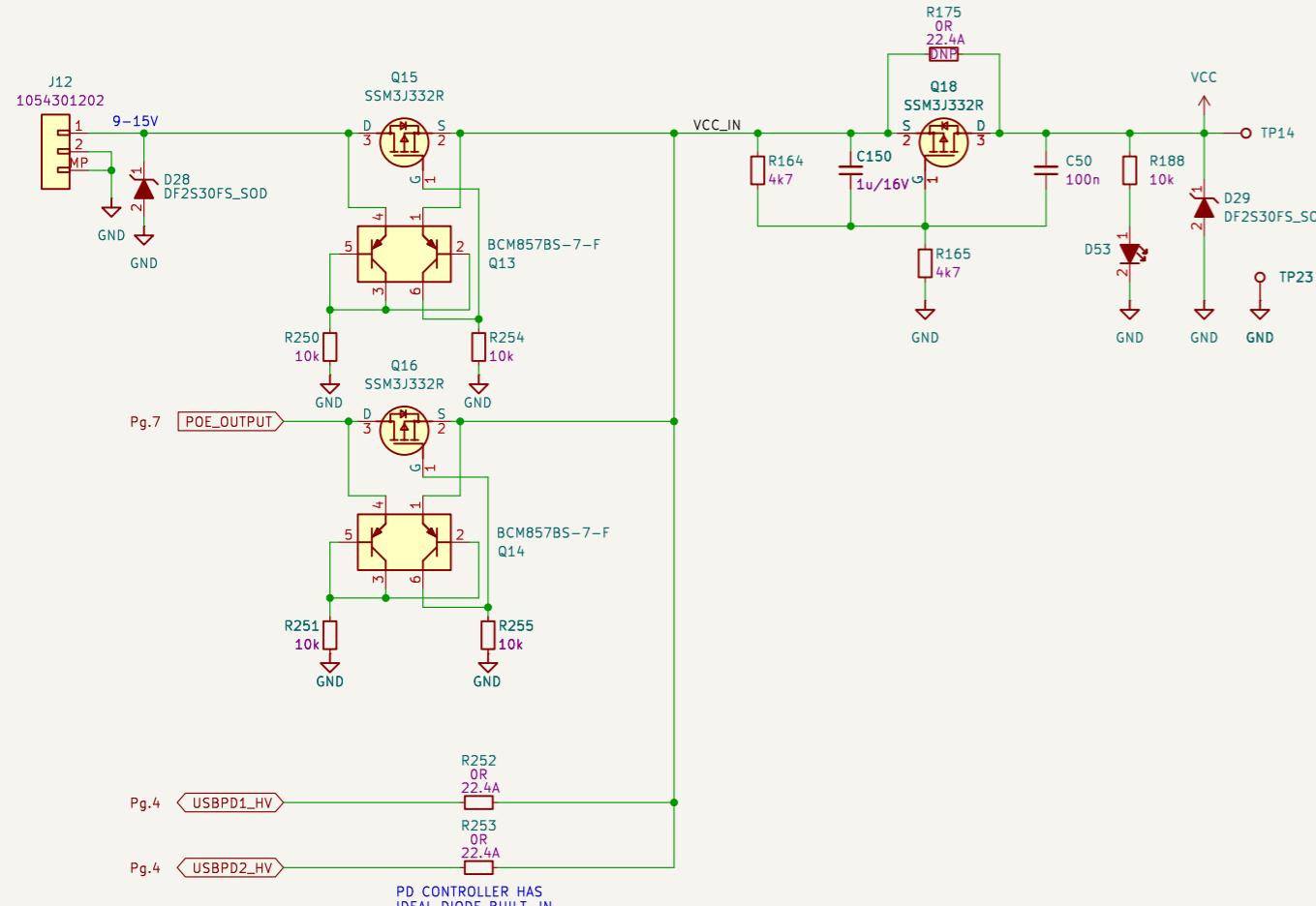
I2C connector



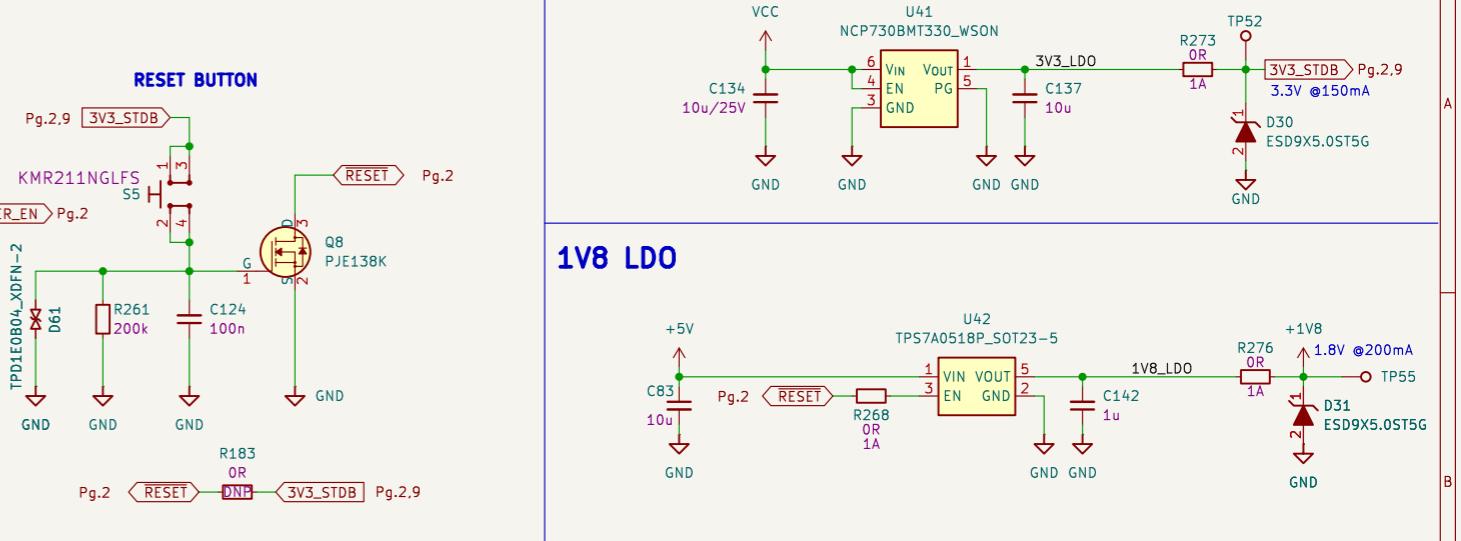
POWER-UP AND RESET CIRCUITRY



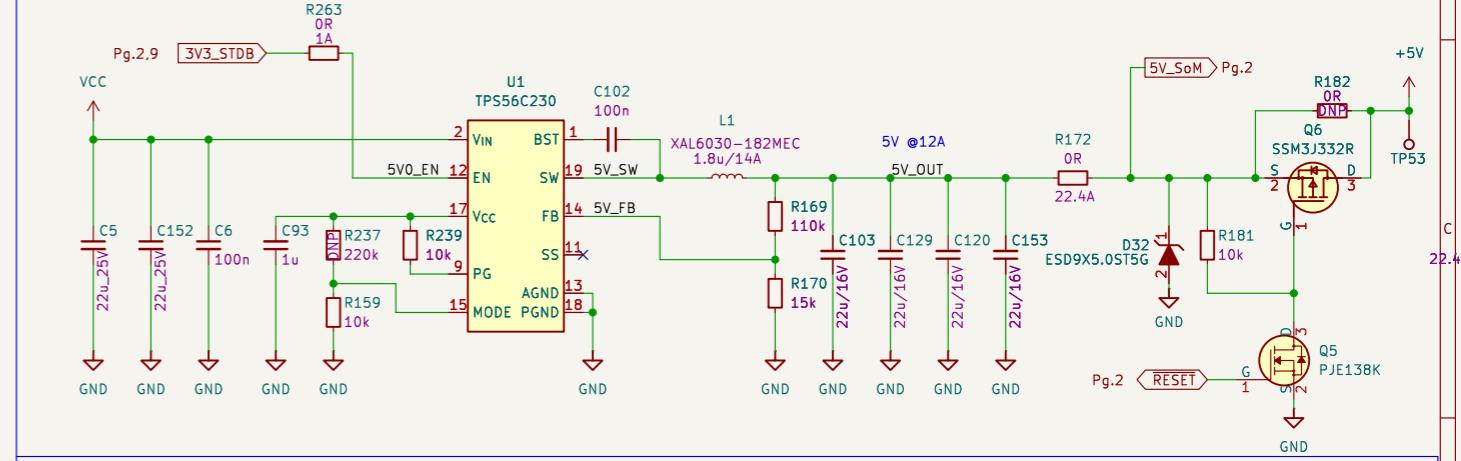
INPUT SELECTOR AND SOFT START



3V3 STANDBY LDO



5V DCDC



3V3 DCDC

