

1 2 3 4 5 6 7 8

Jetson Orin Baseboard

github.com/antmicro/jetson-orin-baseboard

A

A

B

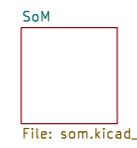
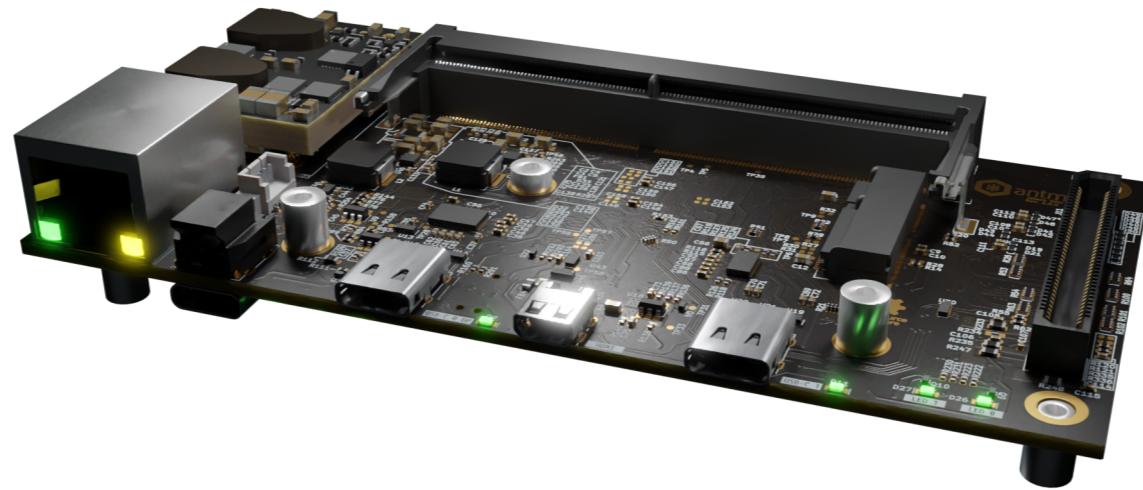
B

C

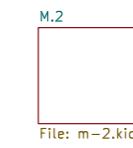
C

D

D



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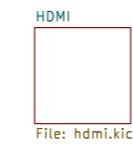
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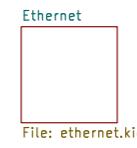
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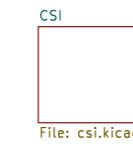
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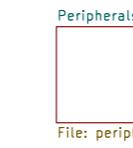
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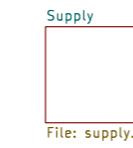
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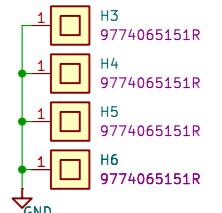
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File: peripherals.kicad_sch



File: supply.kicad_sch



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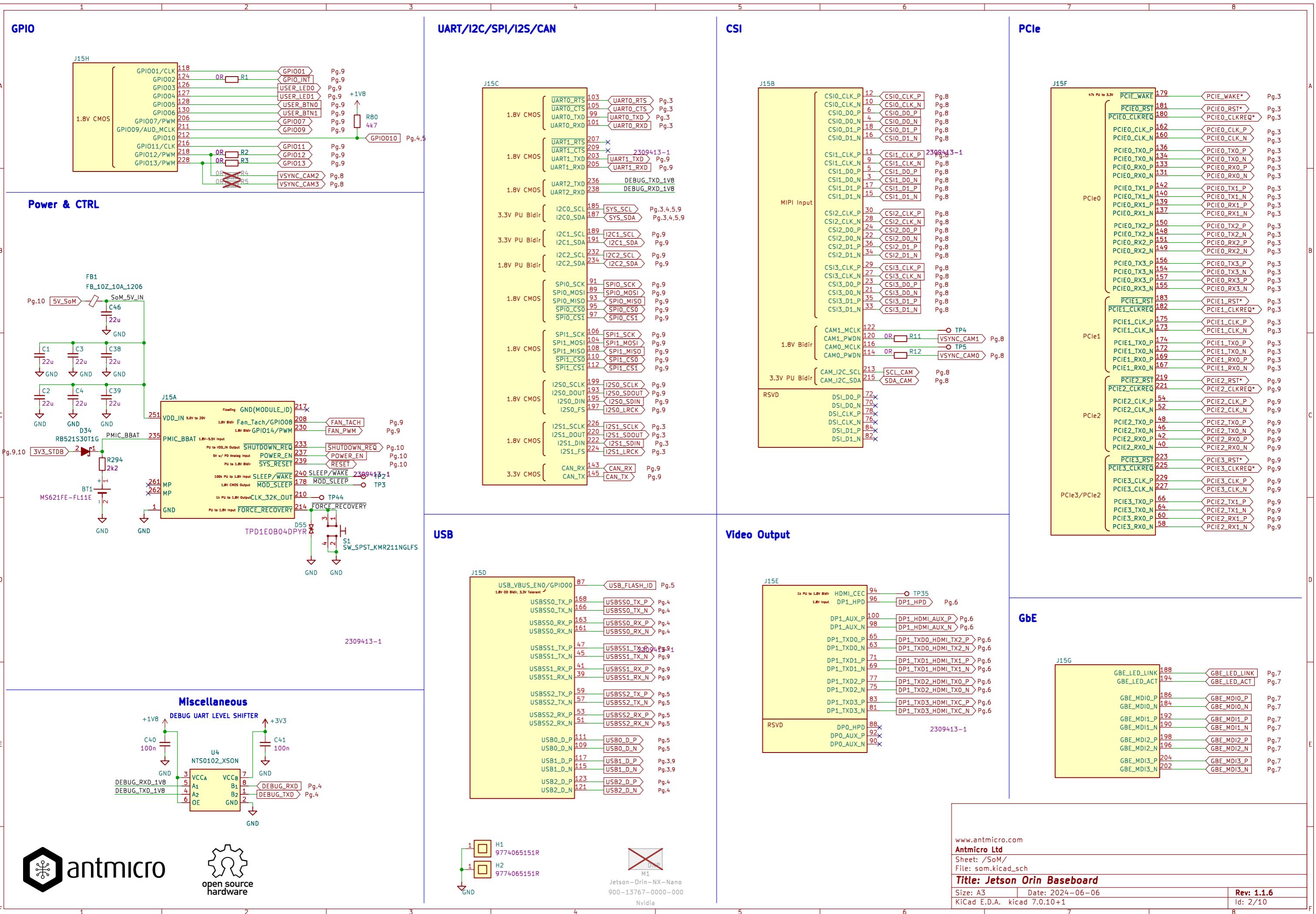
Sheet: / File: jetson-orin-baseboard.kicad_sch

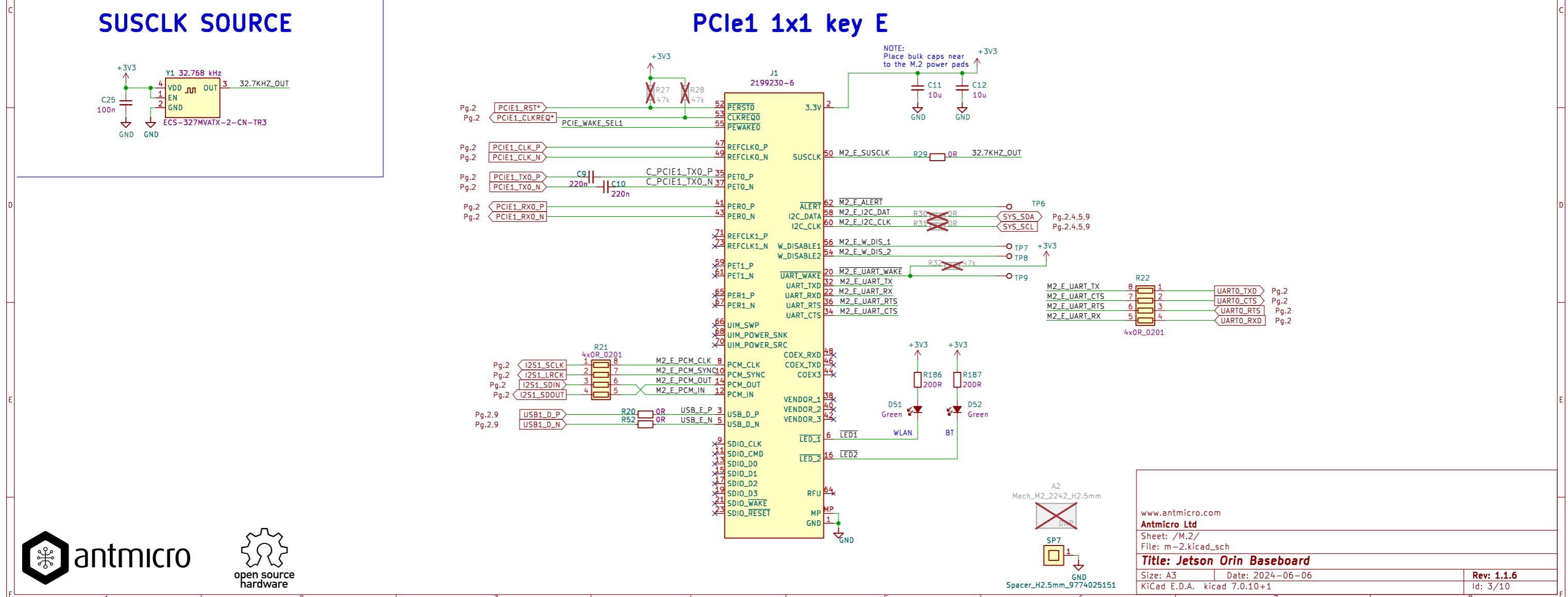
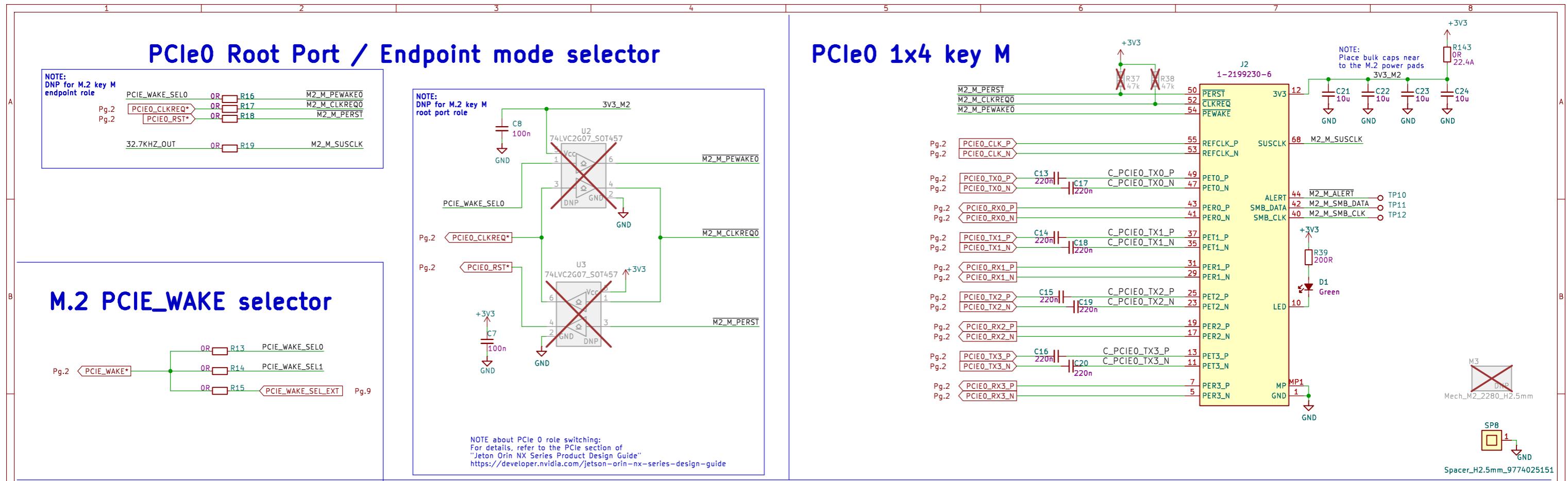
Title: Jetson Orin Baseboard

Size: A3 Date: 2024-06-06
KiCad E.D.A. kicad 7.0.10+1

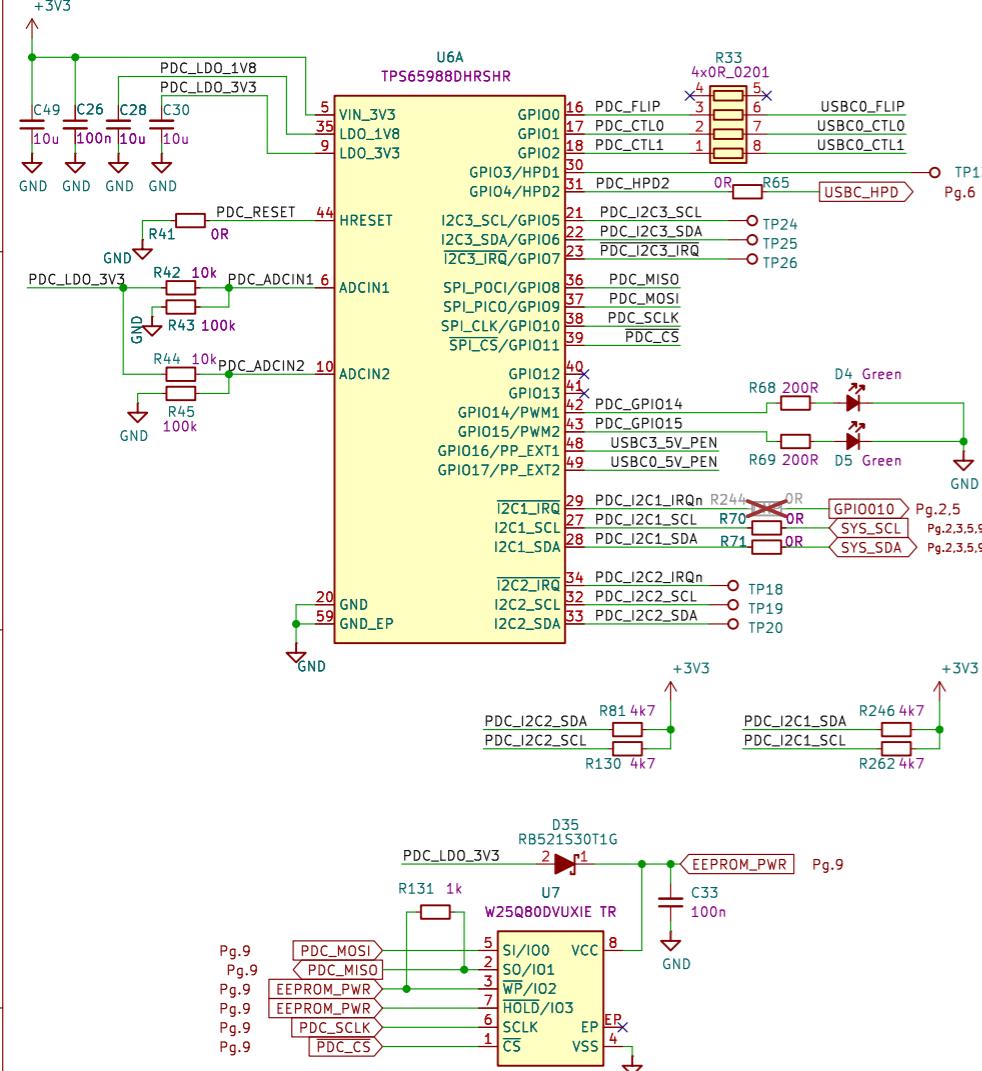
Rev: 1.1.6 Id: 1/10

1 2 3 4 5 6 7 8

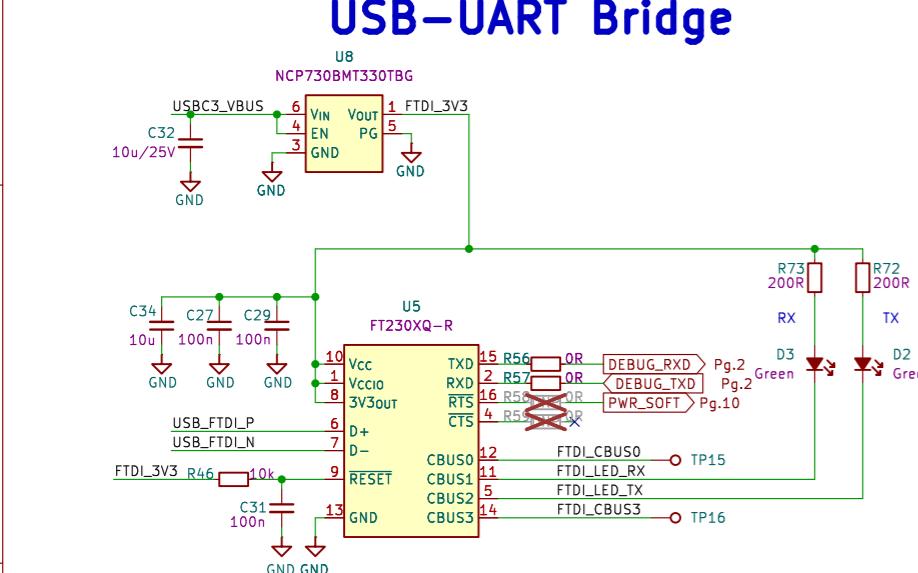




USB PD Controller

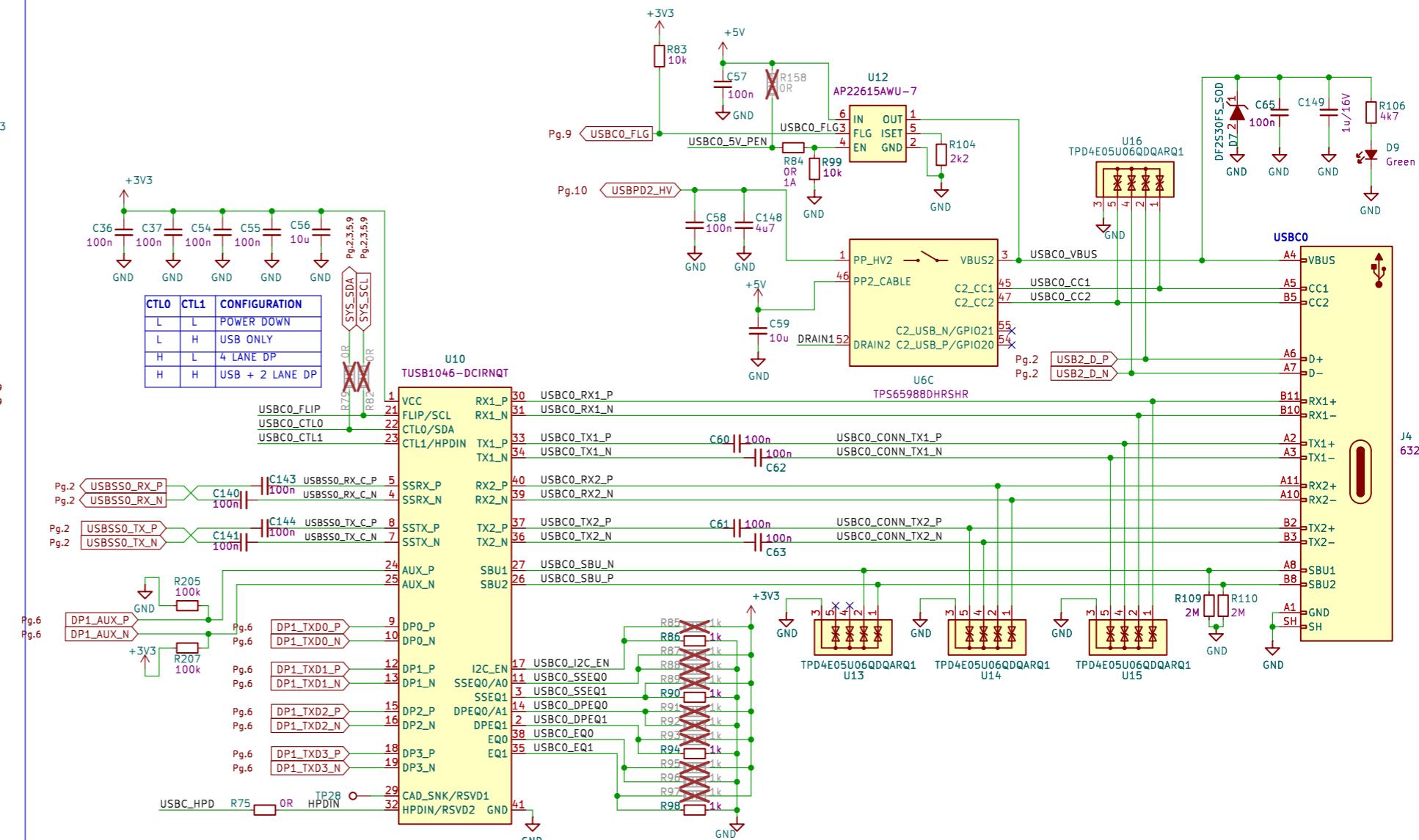


USB-UART Bridge

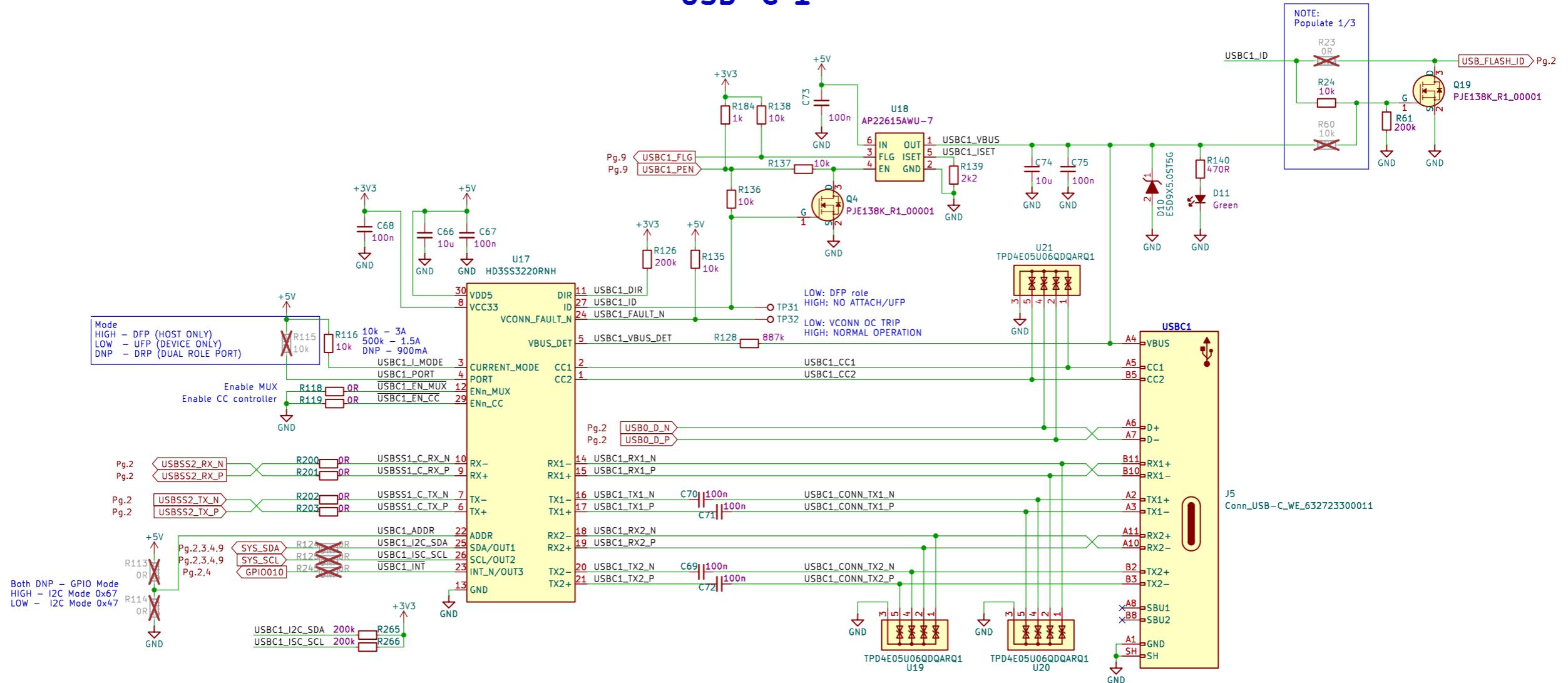


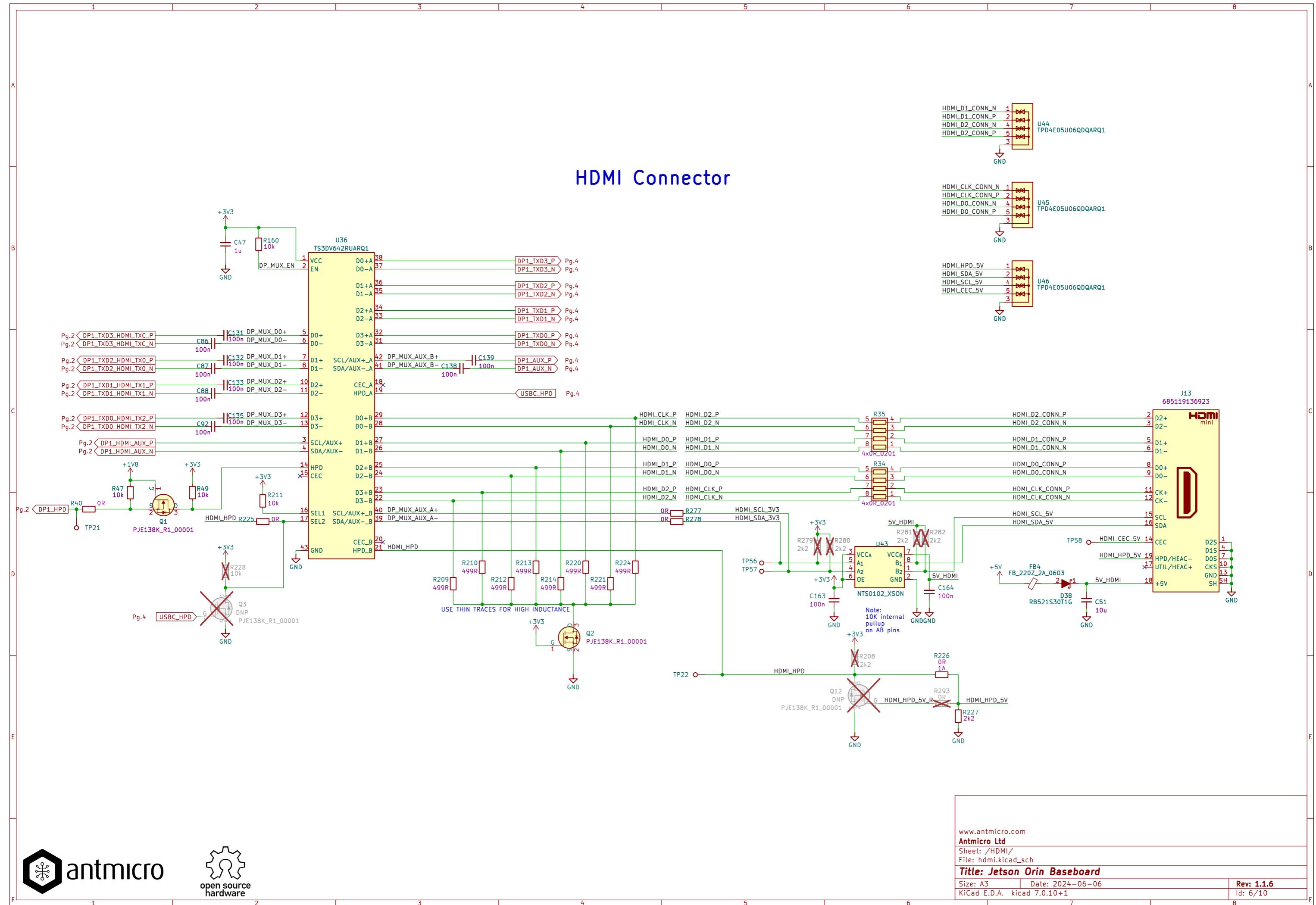
USB-C 0 Display Port alt mode

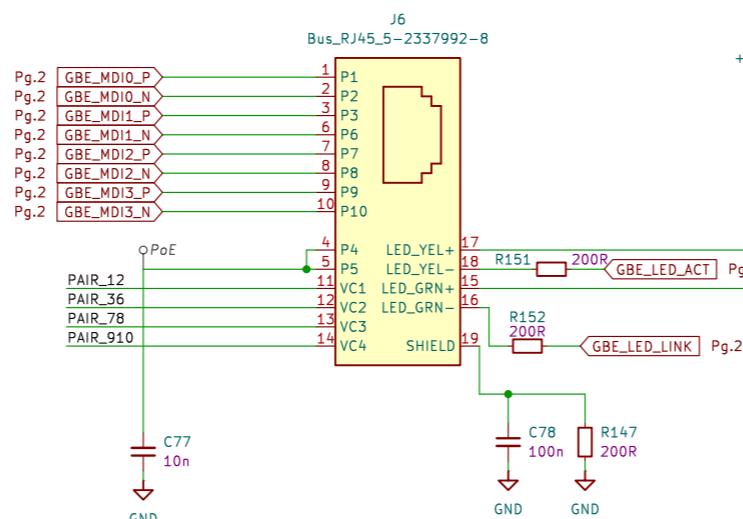
USB-PD Source/Sink



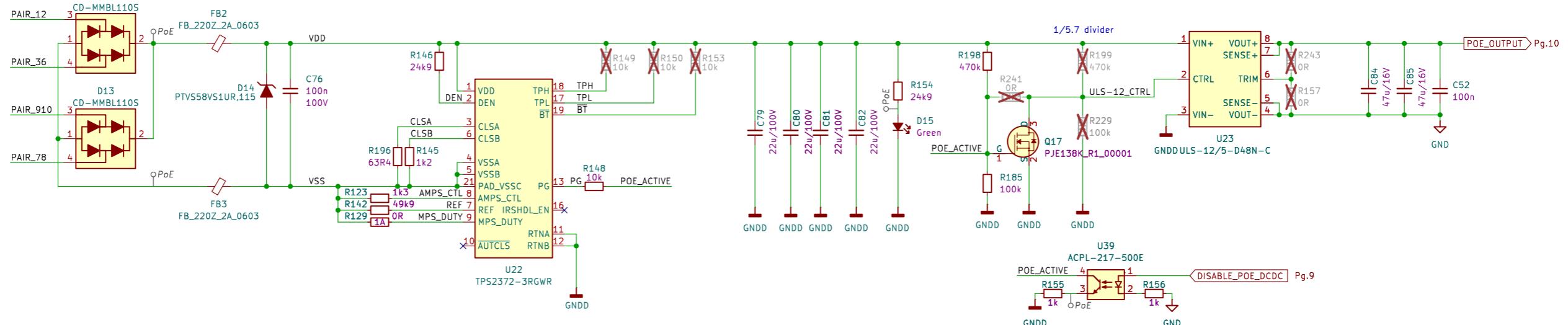
USB-C 1



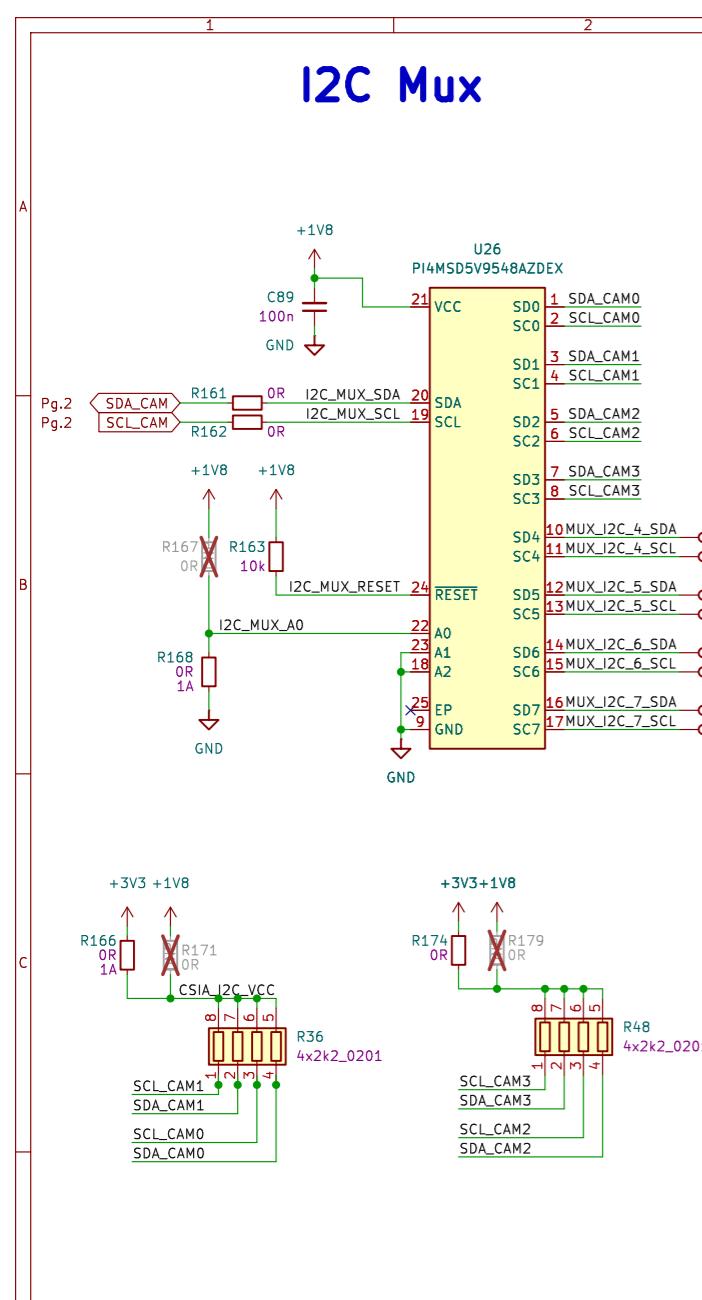




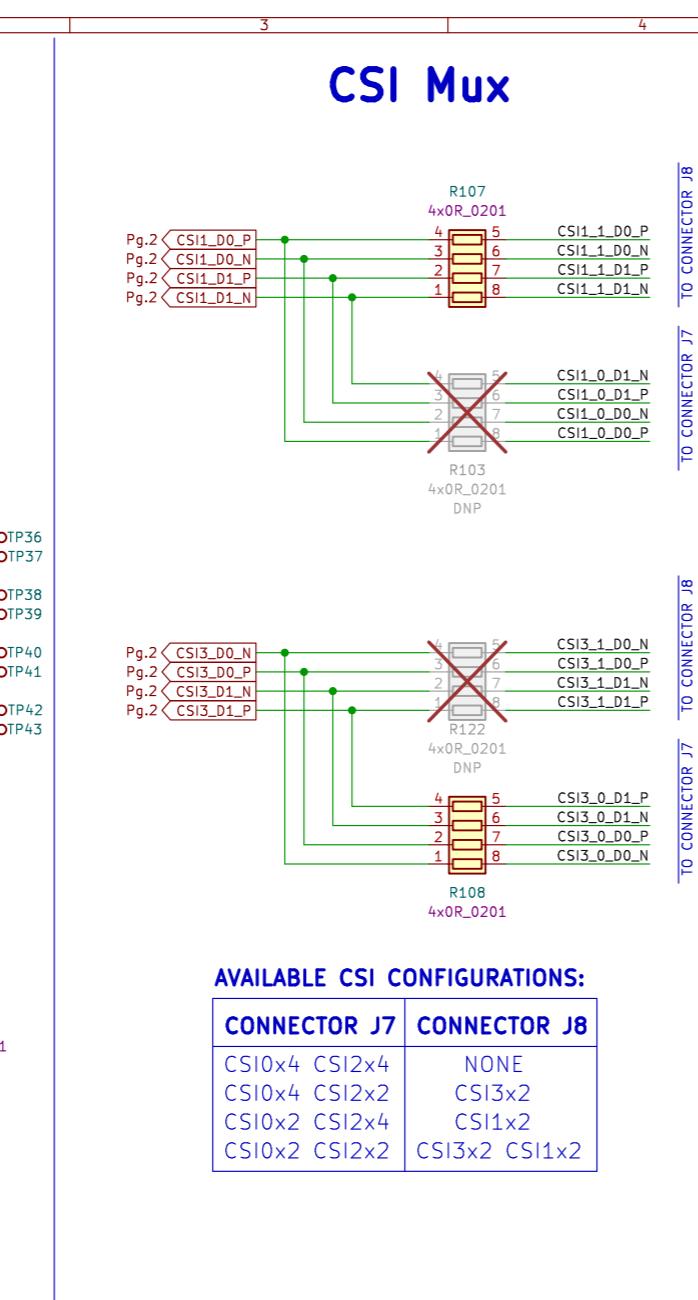
Power over Ethernet



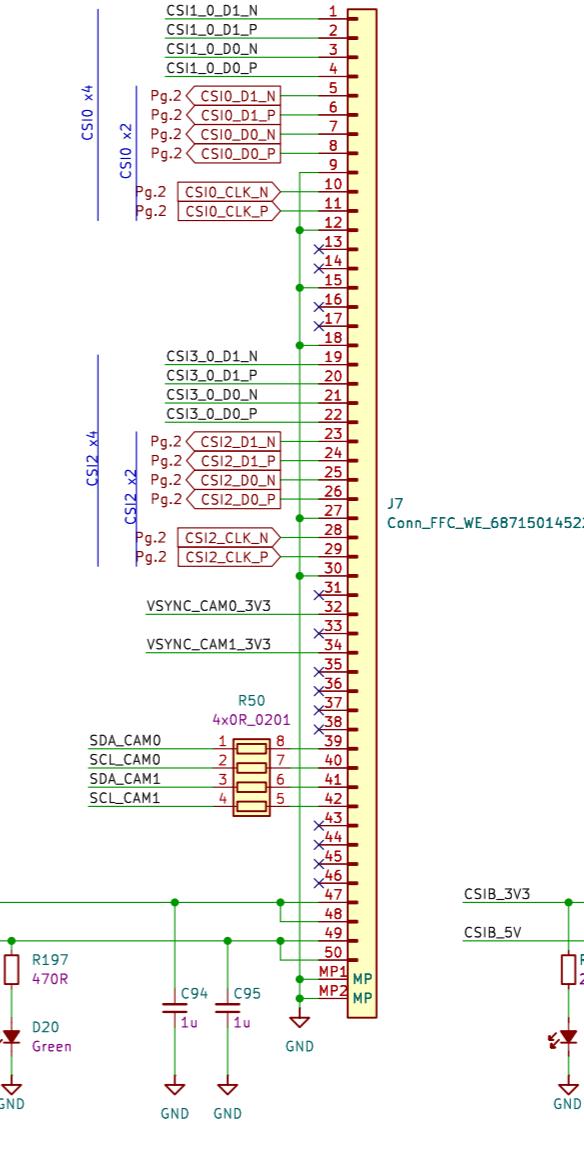
I2C Mux



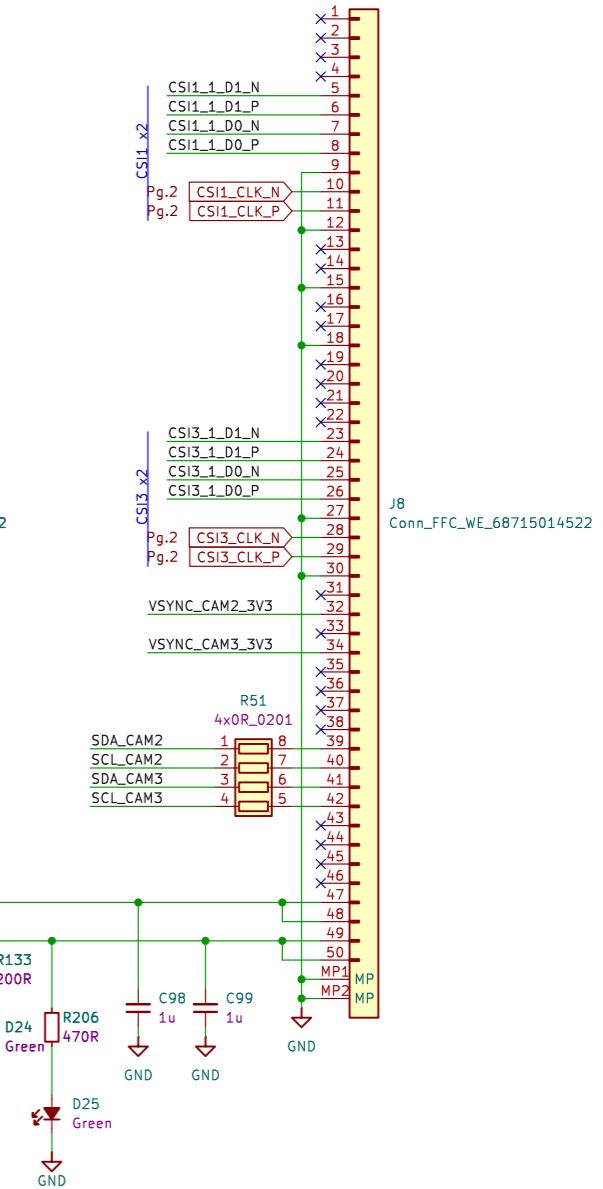
CSI Mux



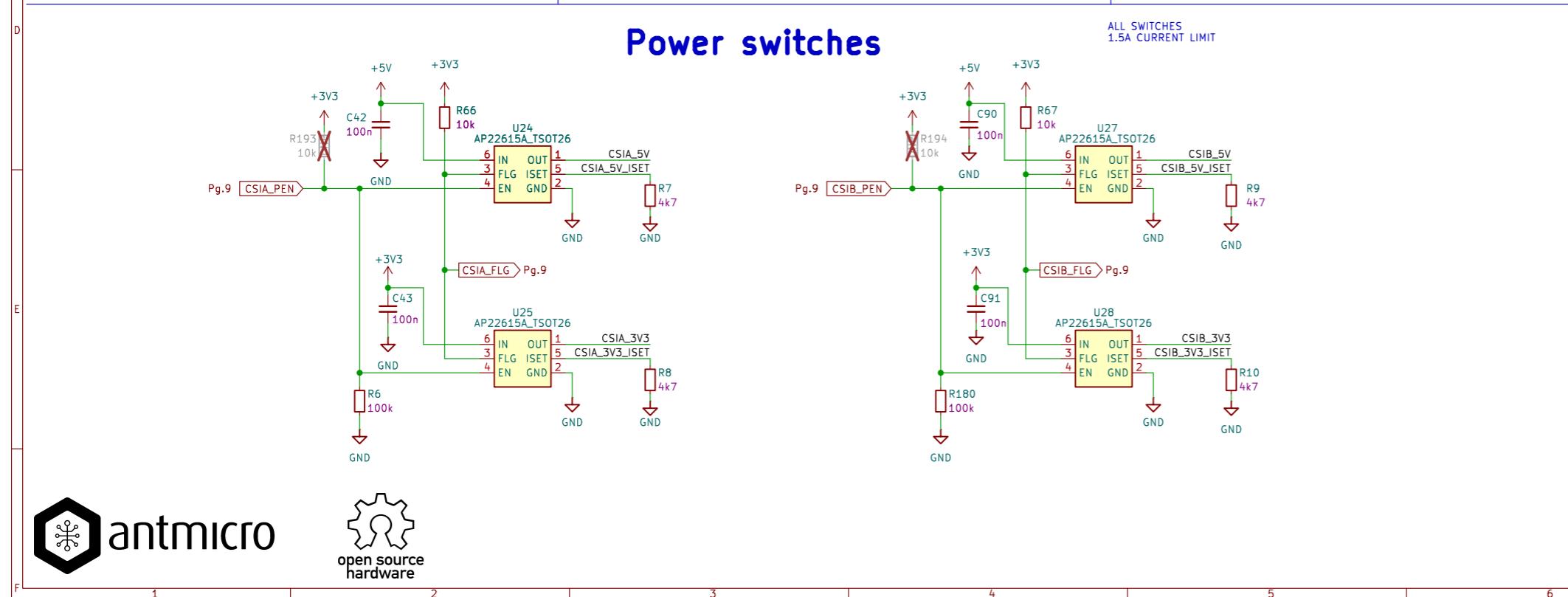
CSI connector J7



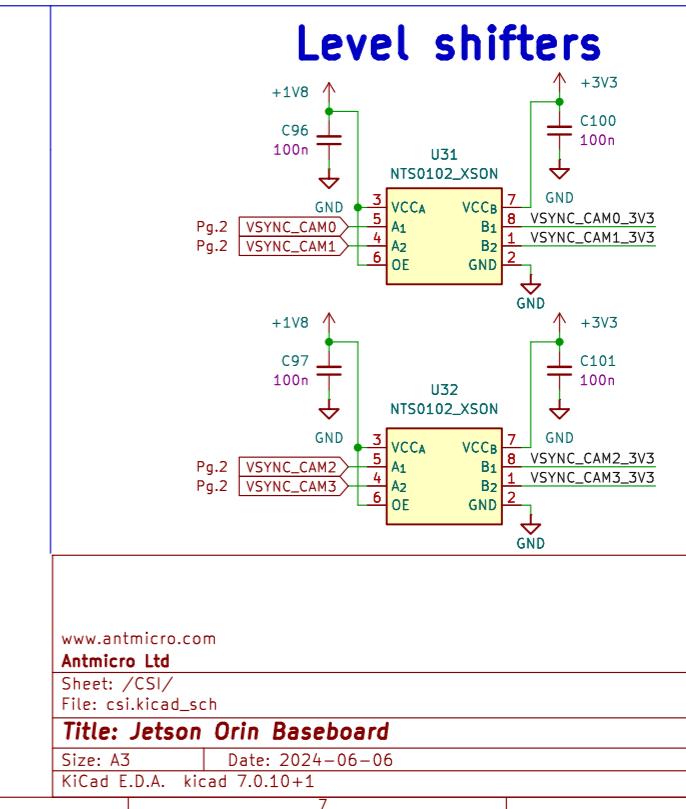
CSI connector J8

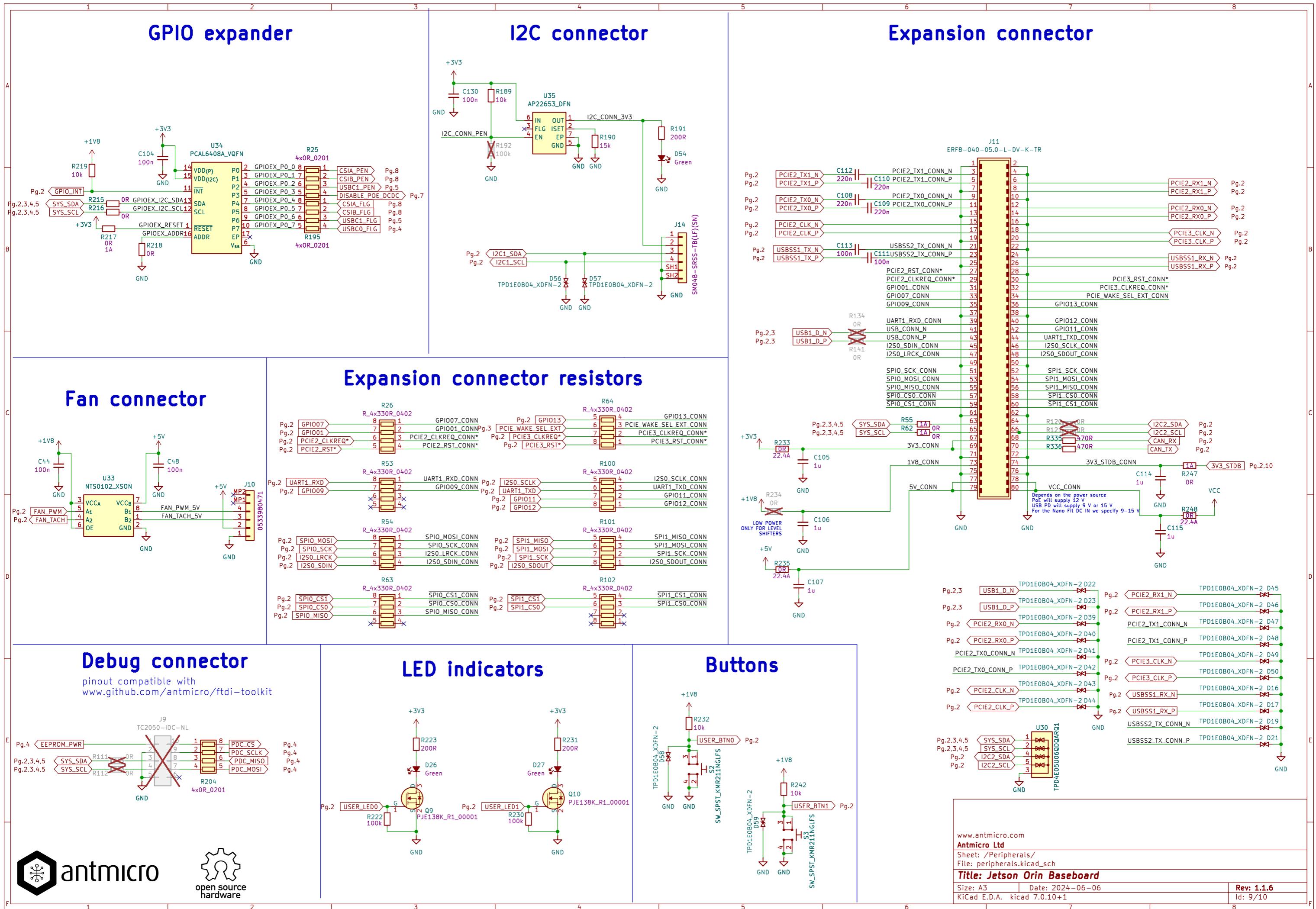


Power switches

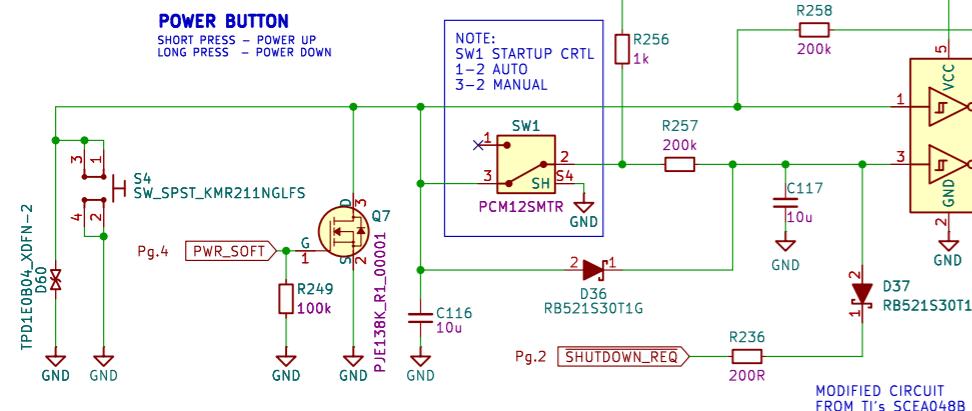


Level shifters

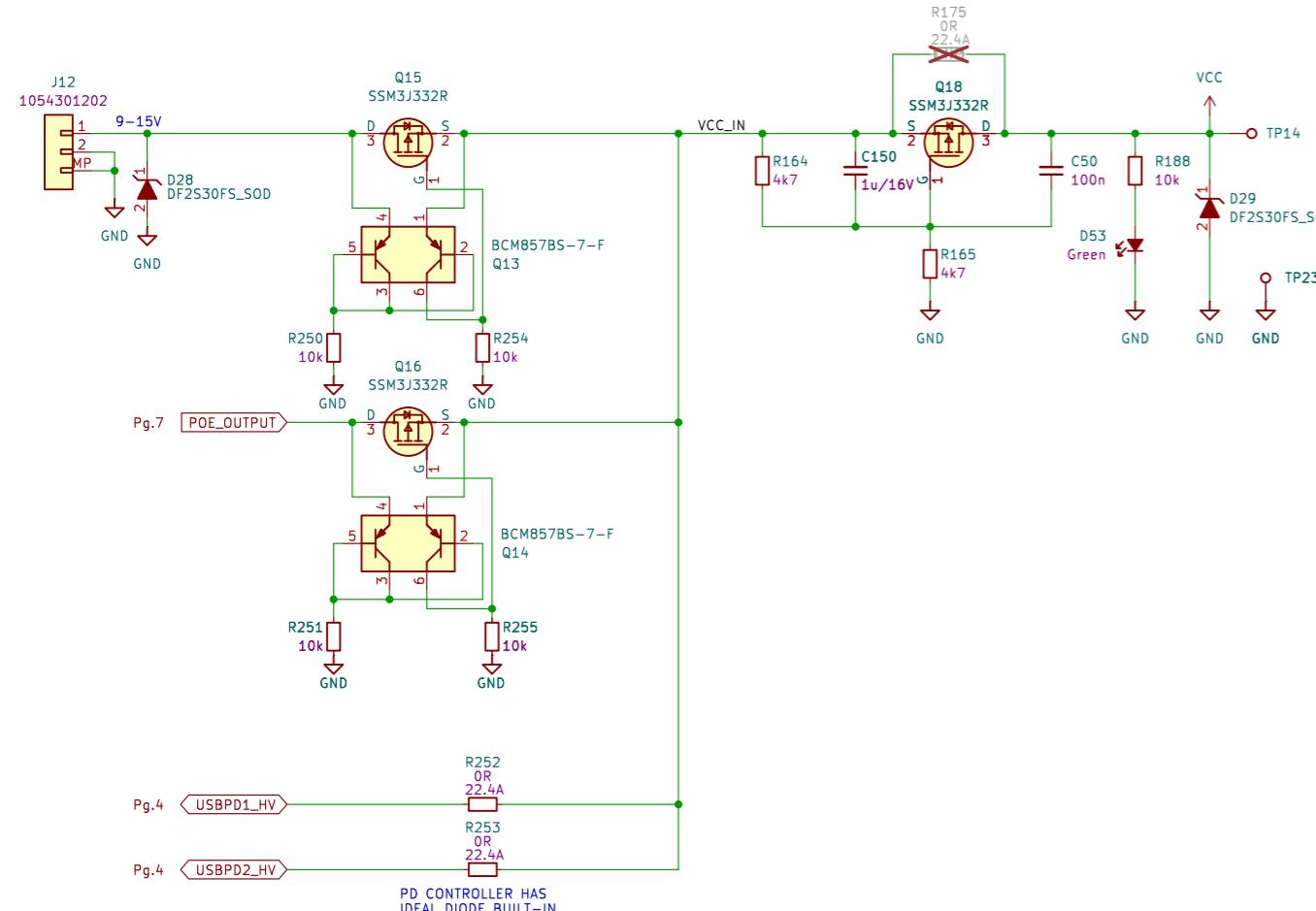




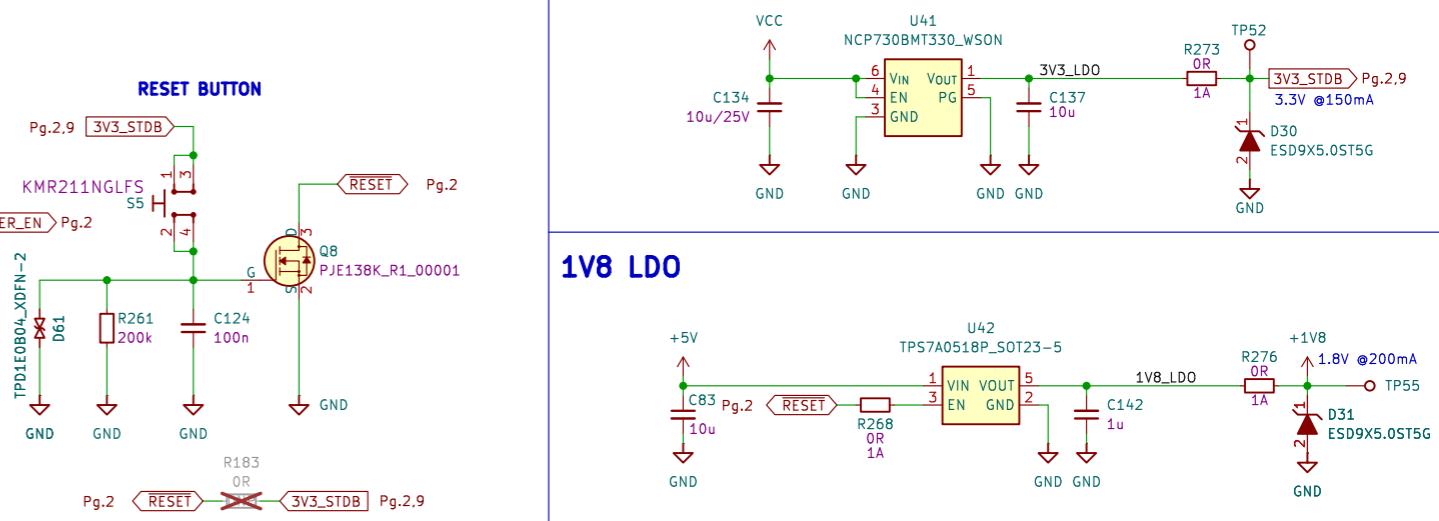
POWER-UP AND RESET CIRCUITY



INPUT SELECTOR AND SOFT START



3V3 STANDBY LDO



5V DCDC

