

1 2 3 4 5 6 7 8

Jetson Orin Baseboard

github.com/antmicro/jetson-orin-baseboard

A

B

C

D

E

F

A

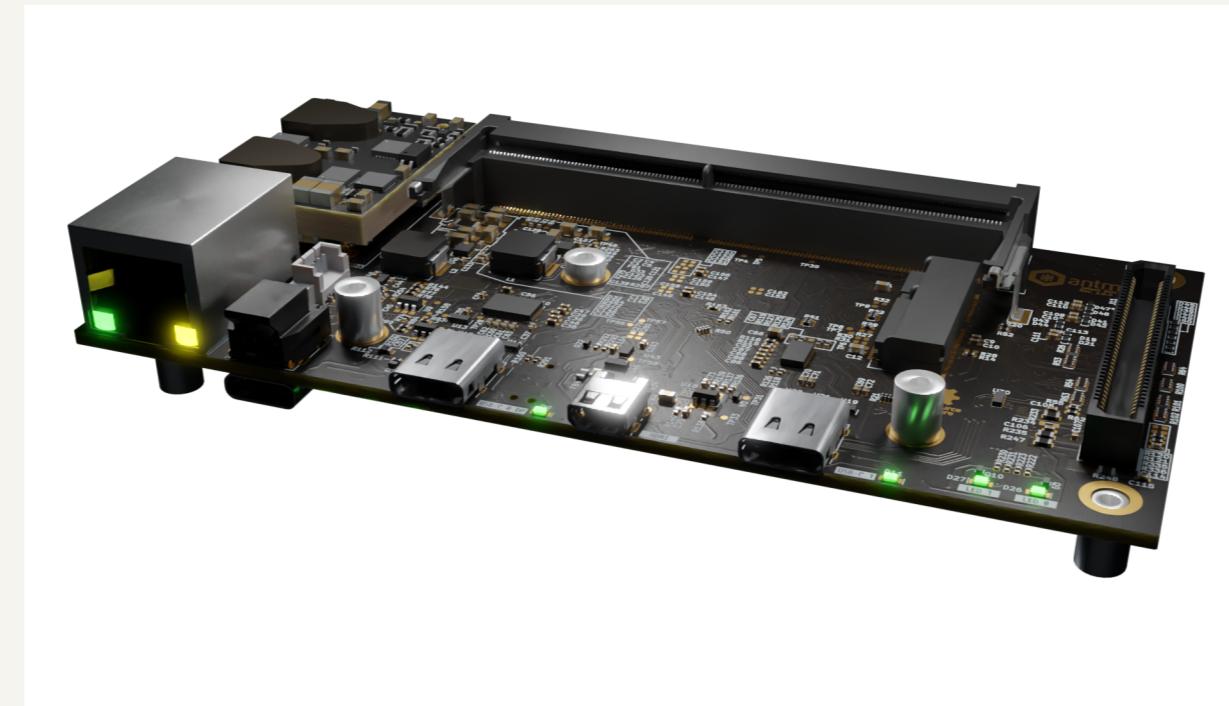
B

C

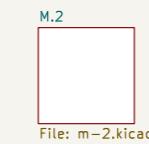
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E

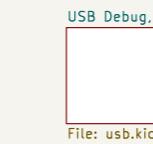
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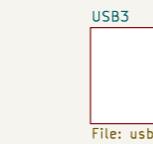
File: som.kicad_sch



File: m-2.kicad_sch



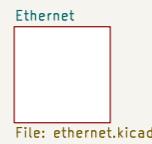
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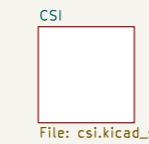
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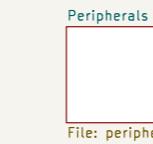
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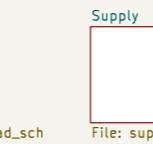
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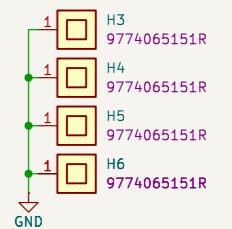
File: csi.kicad_sch



File: peripherals.kicad_sch



File: supply.kicad_sch



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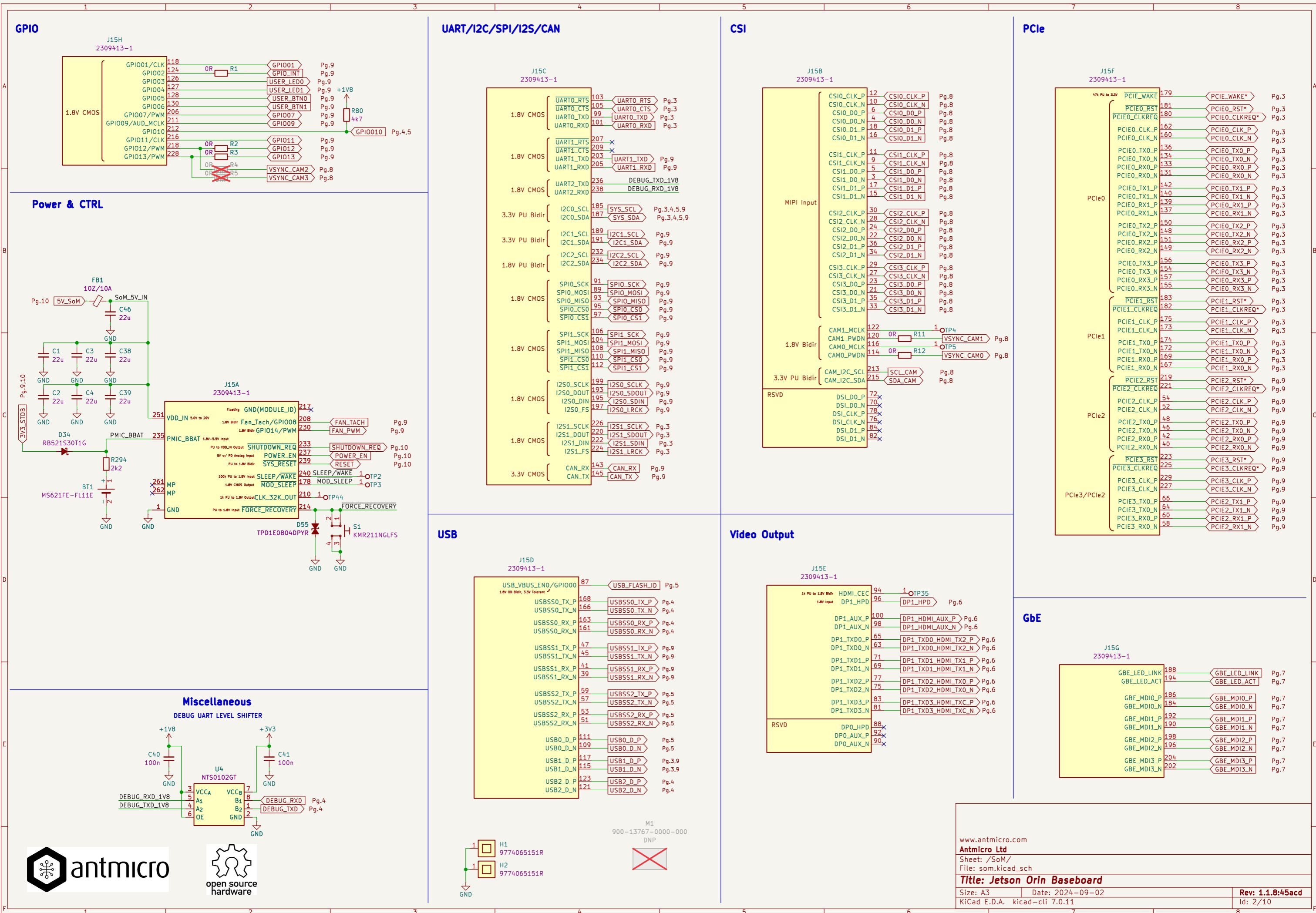
Sheet: / File: jetson-orin-baseboard.kicad_sch

Title: Jetson Orin Baseboard

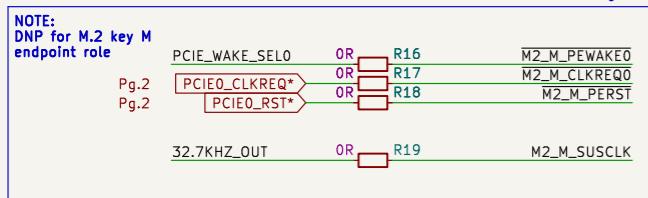
Size: A3 Date: 2024-09-02
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.1.8:45acd Id: 1/10

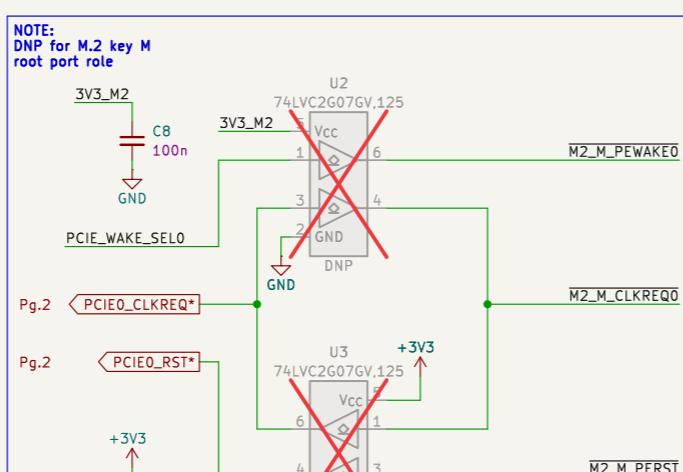
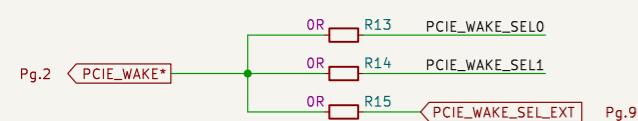
1 2 3 4 5 6 7 8



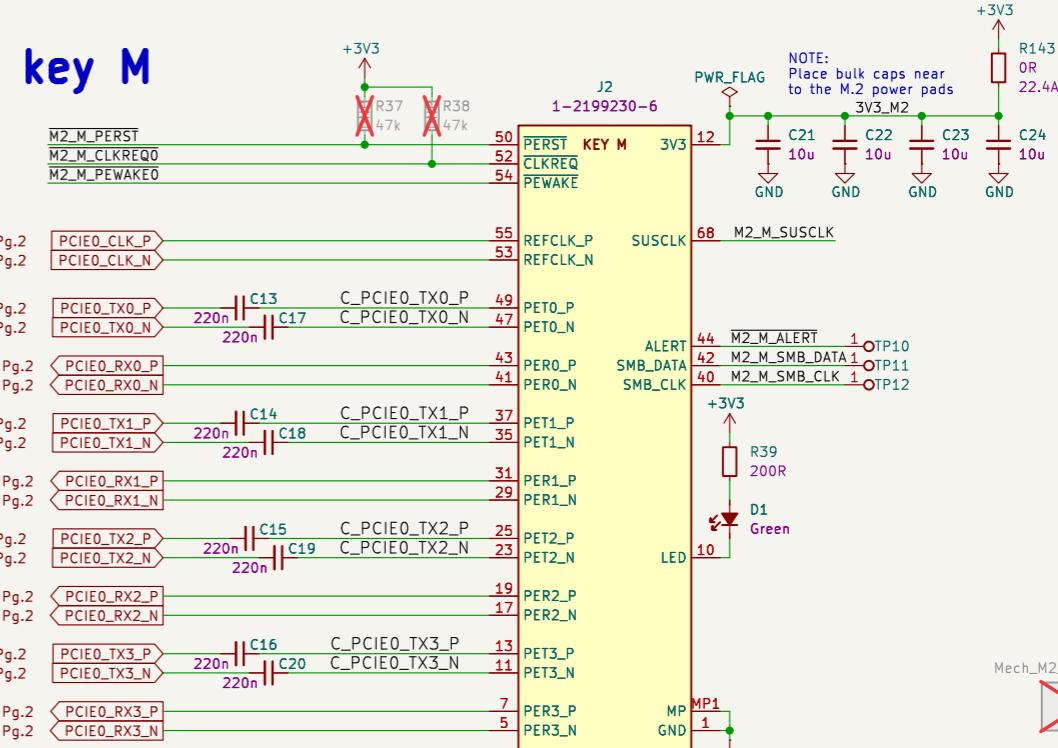
PCIe0 Root Port / Endpoint mode selector



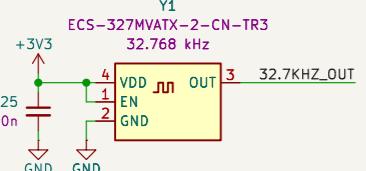
M.2 PCIE_WAKE selector



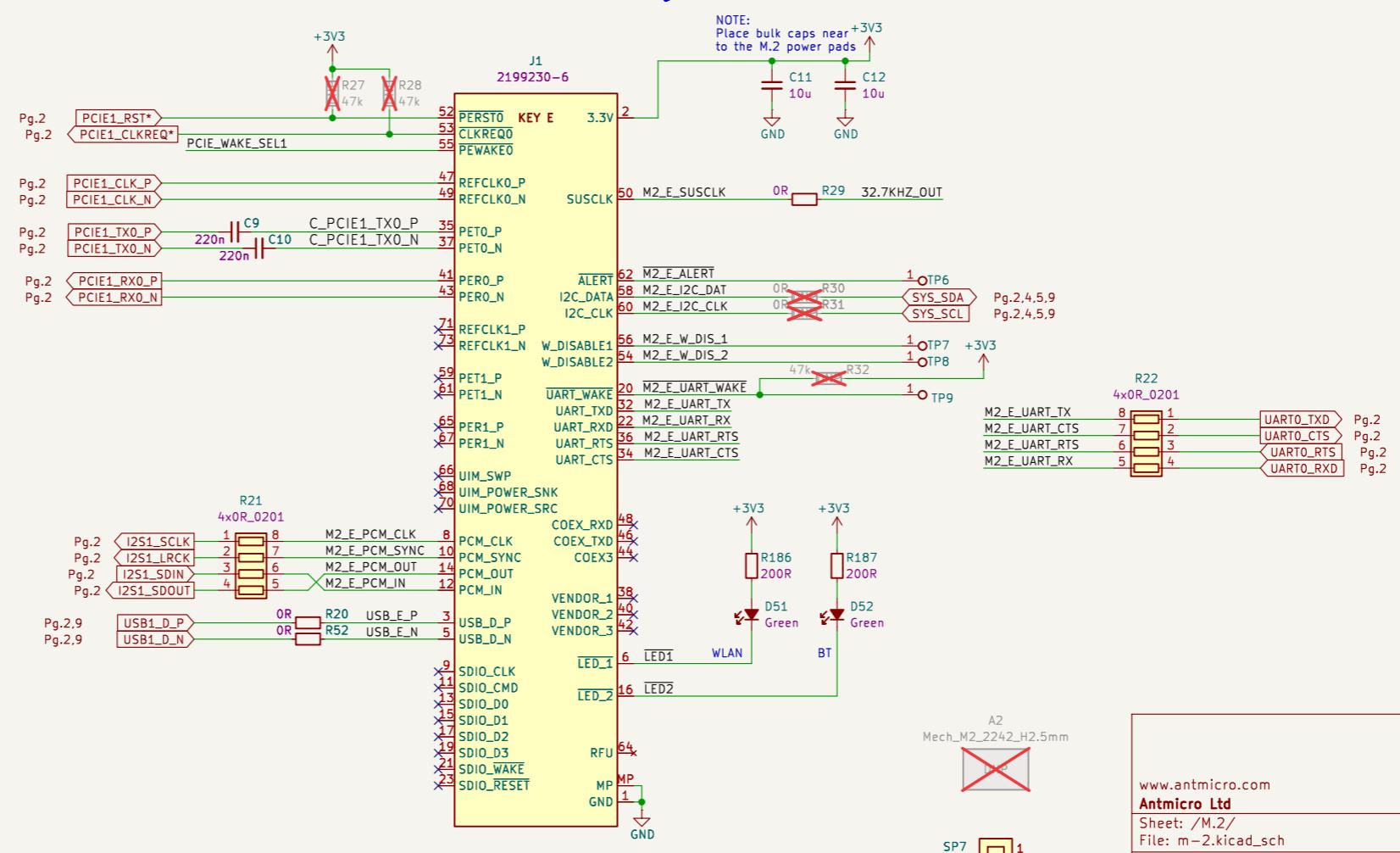
PCIe0 1x4 key M



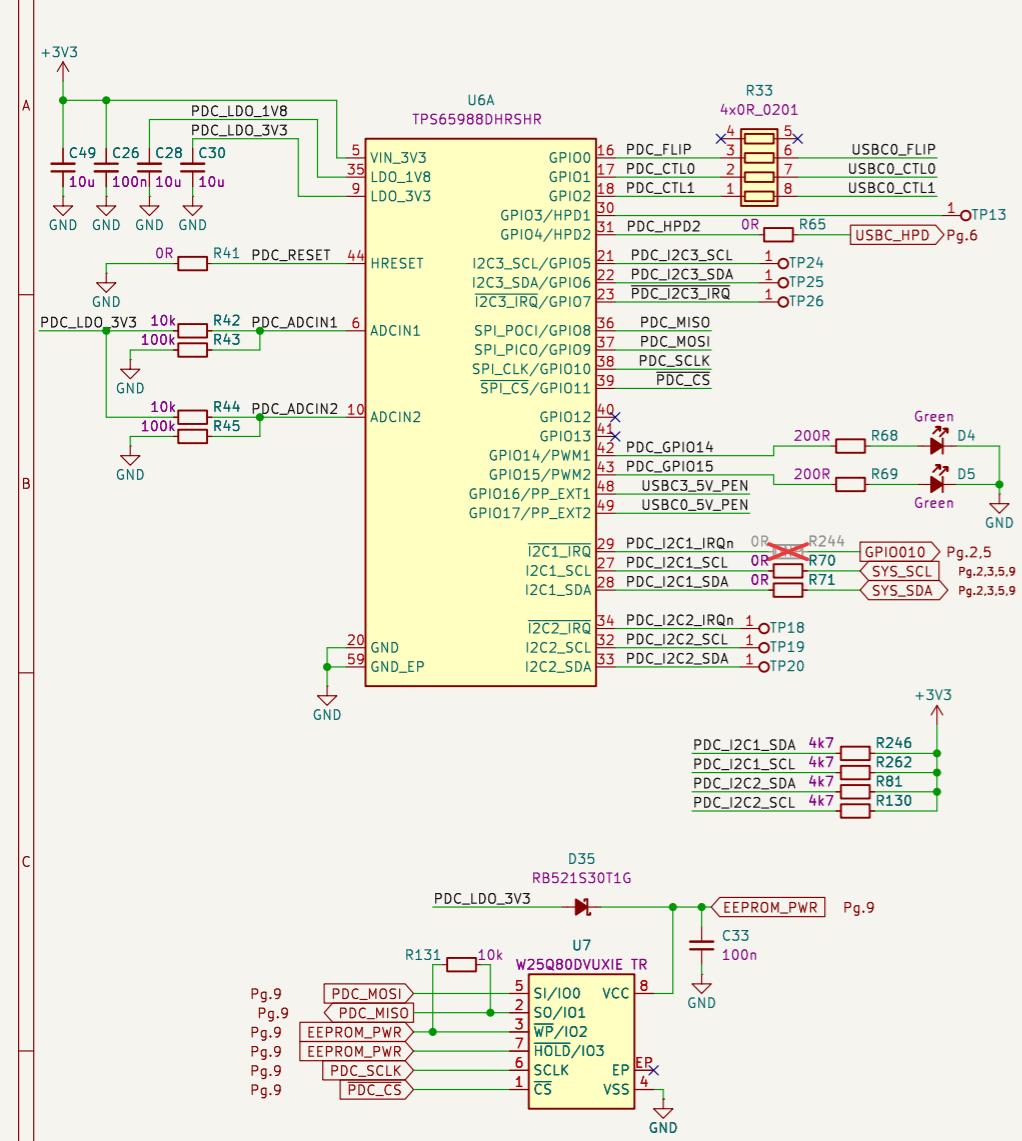
SUSCLK SOURCE



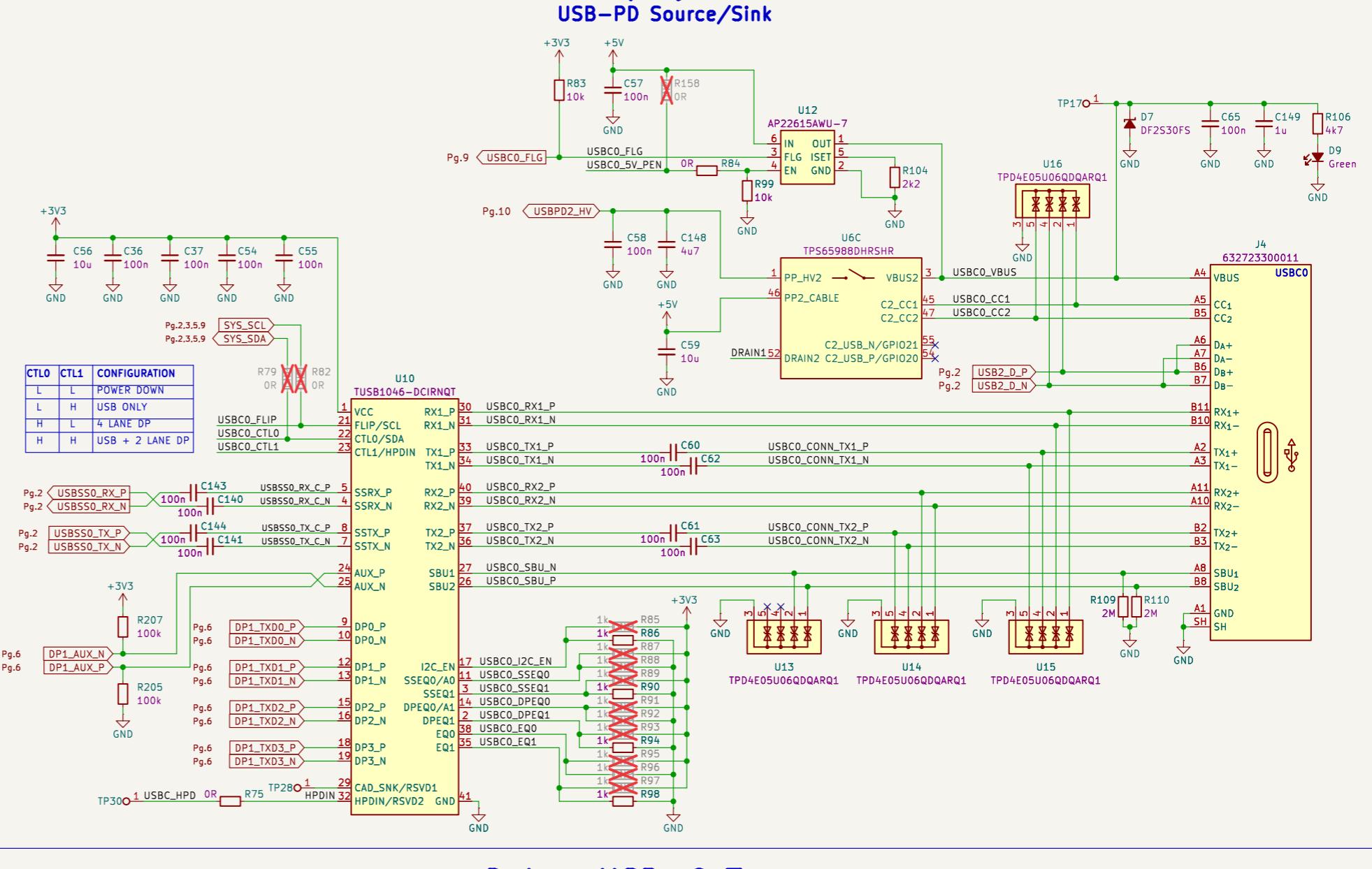
PCIe1 1x1 key E



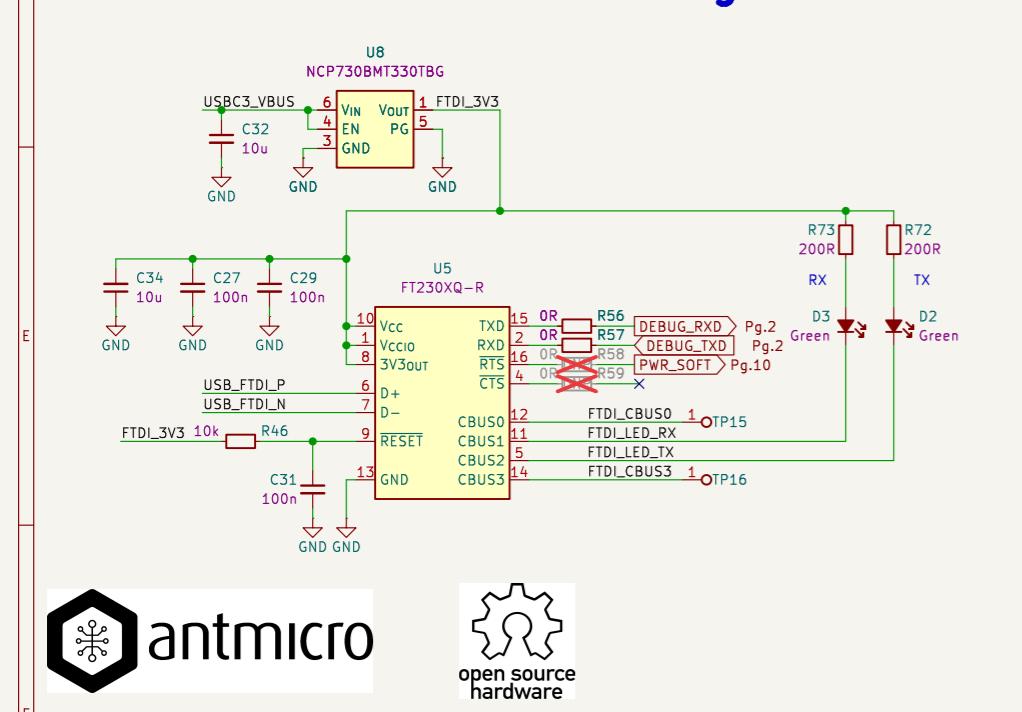
USB PD Controller



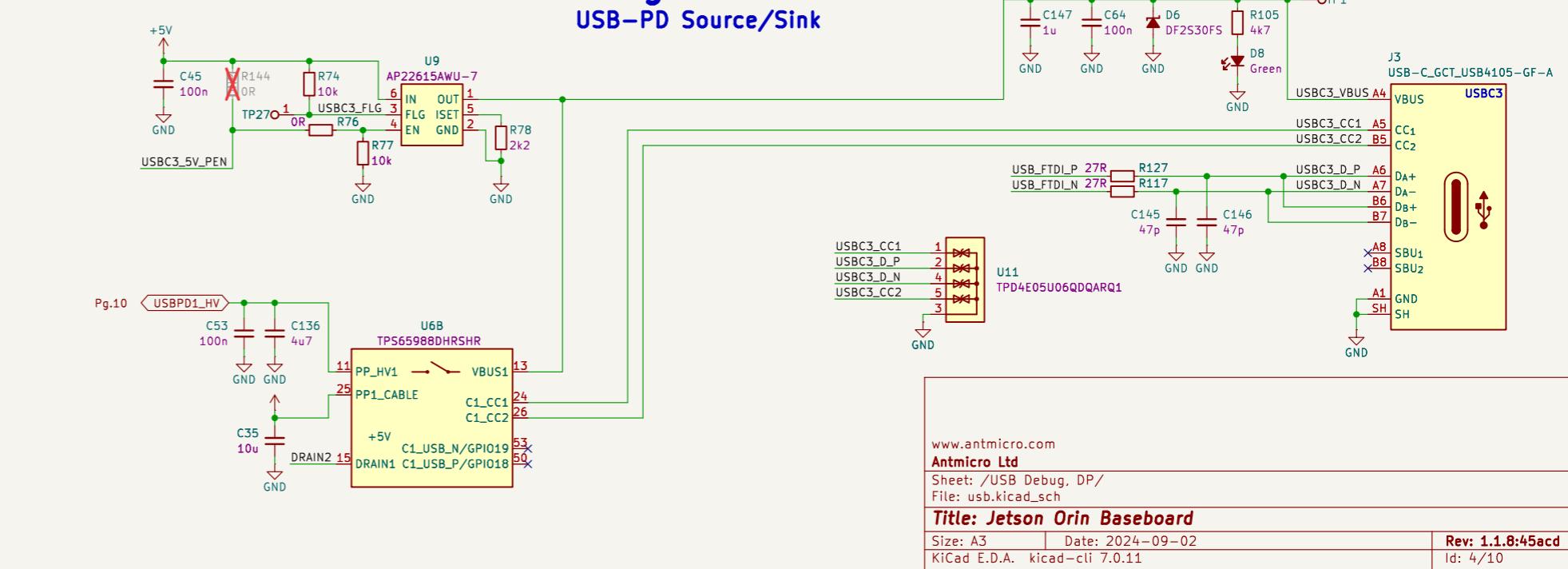
USB-C 0 Display Port alt mode



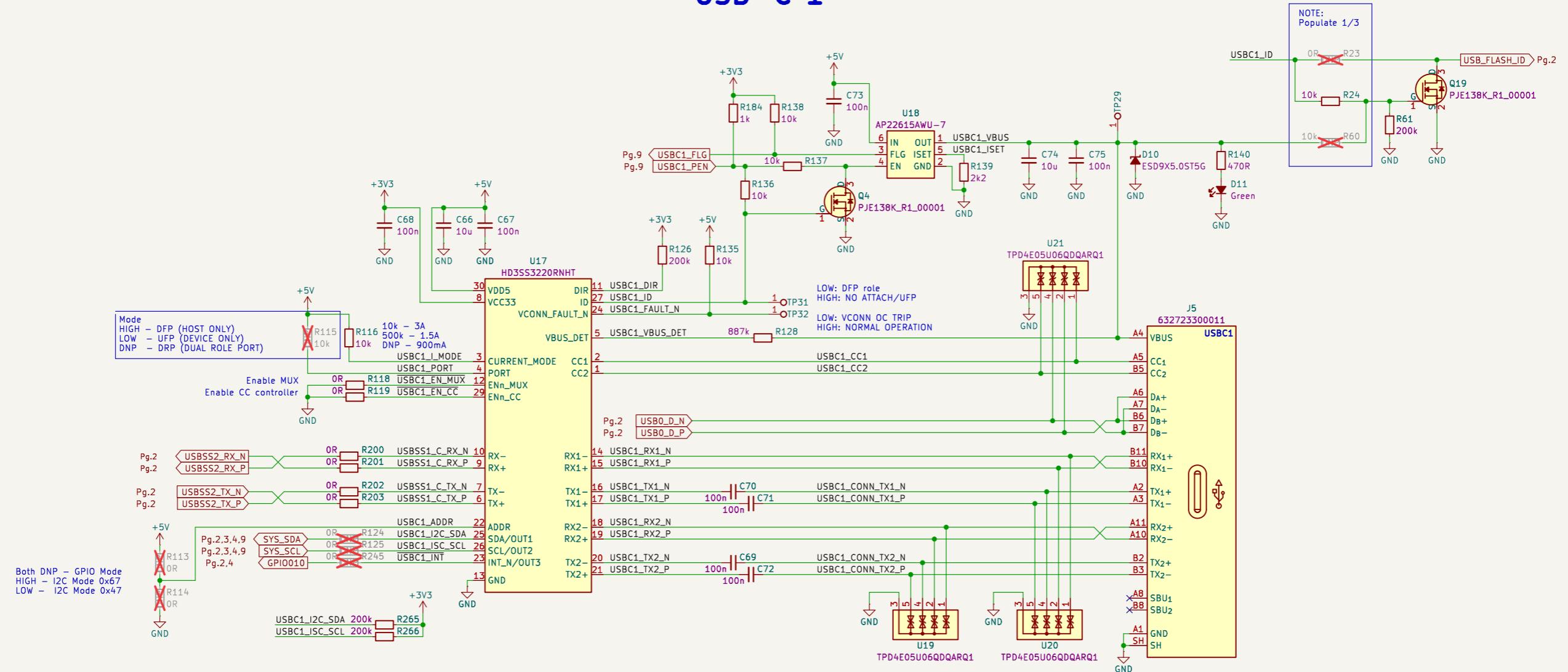
USB–UART Bridge

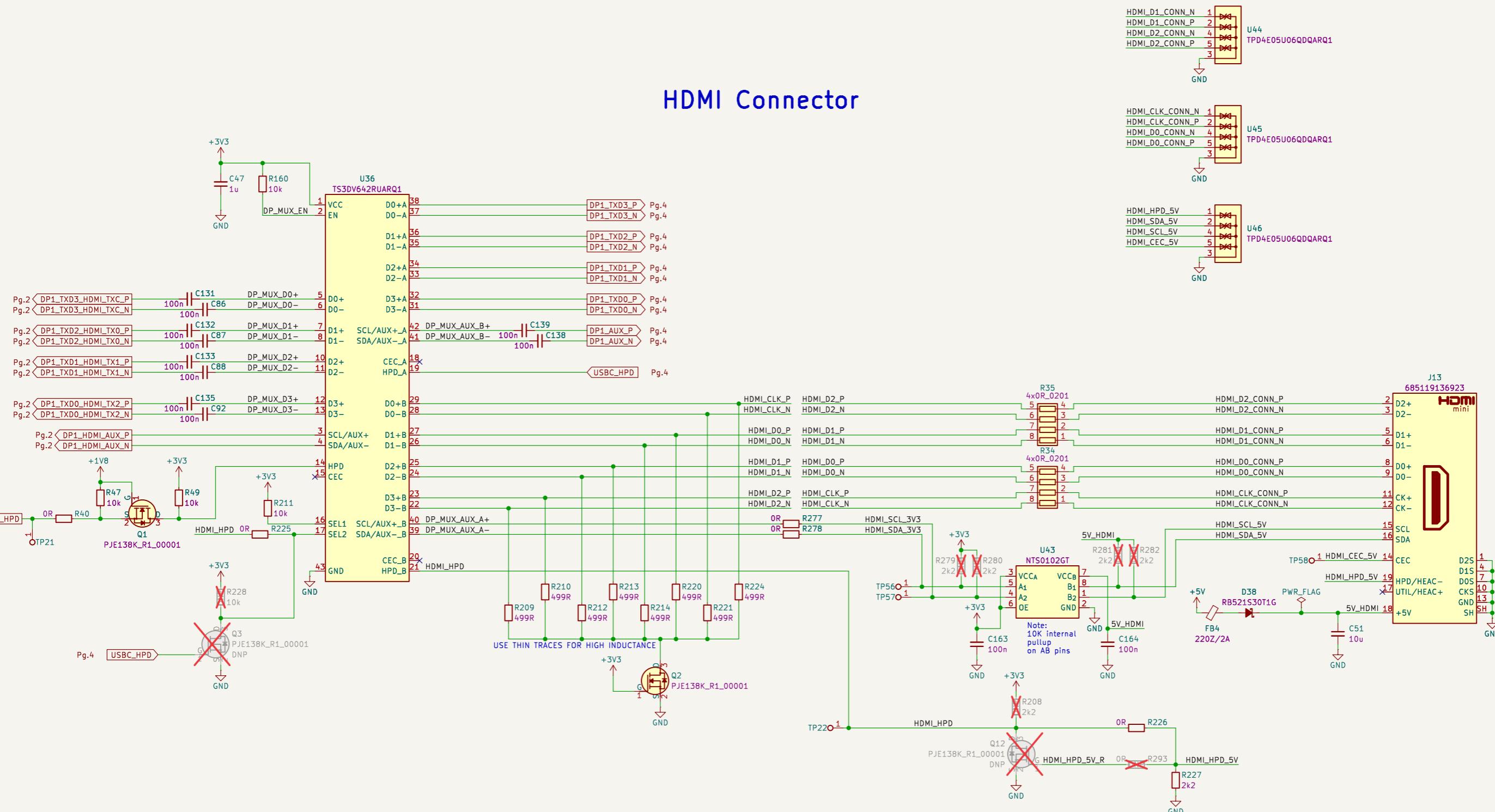


Debug USB-C 3 USB-PD Source/Sink

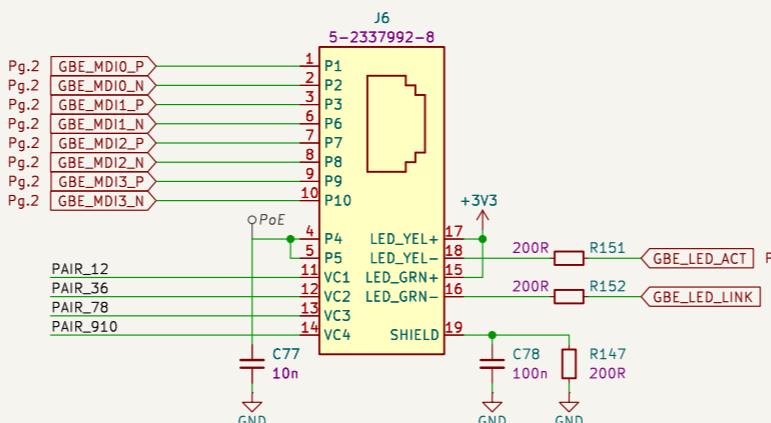


USB-C 1

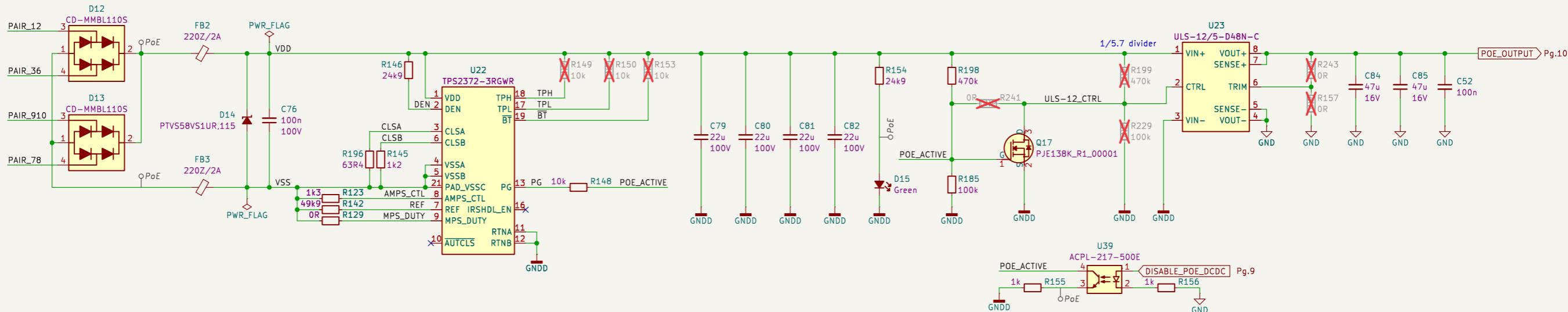


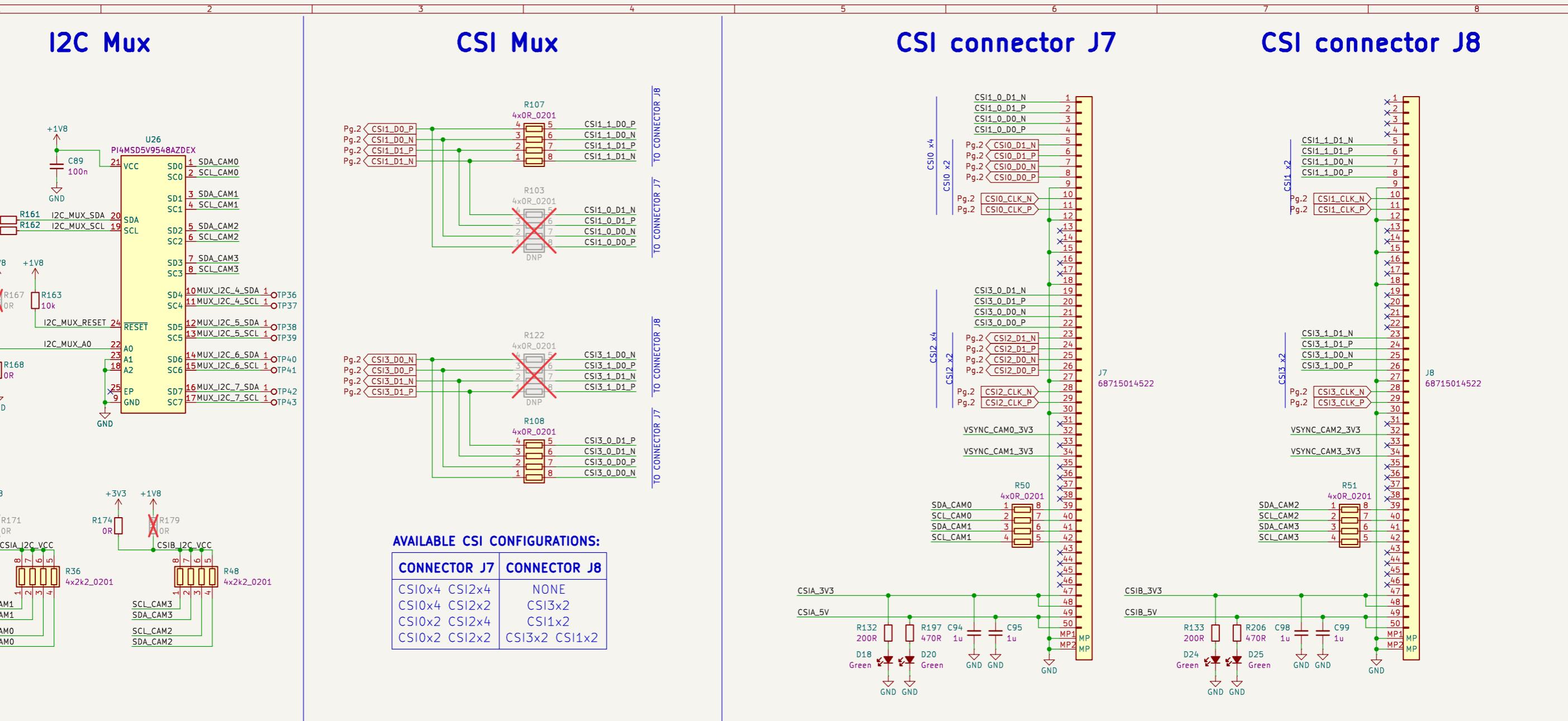


Ethernet Connector

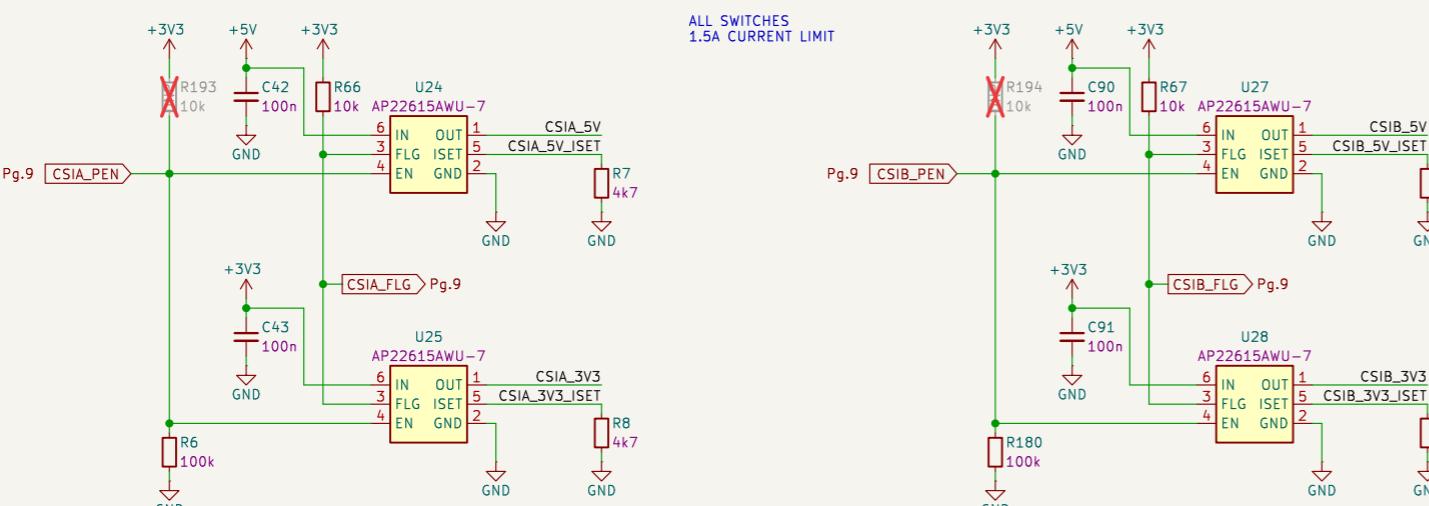


Power over Ethernet

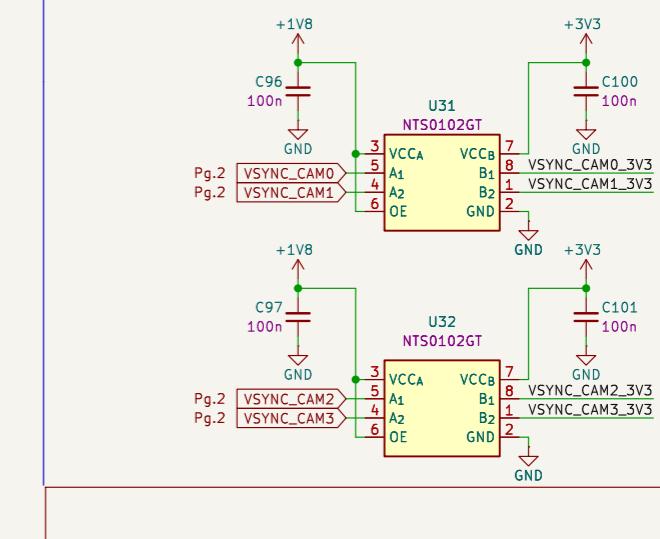




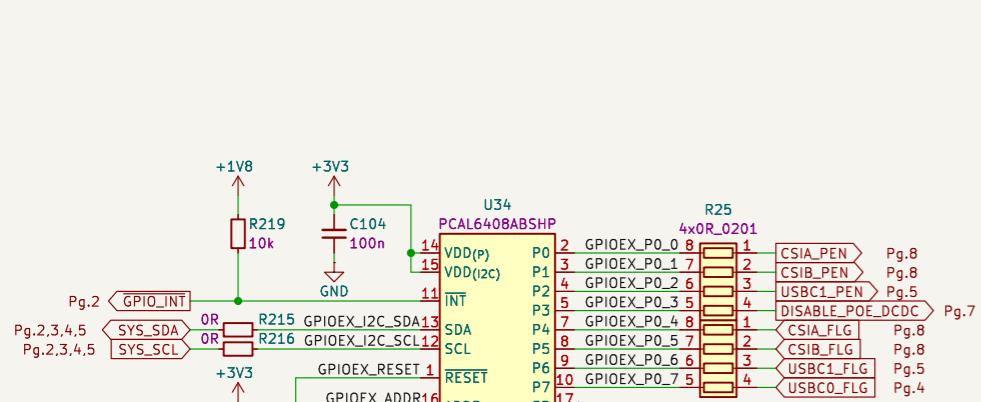
Power switches



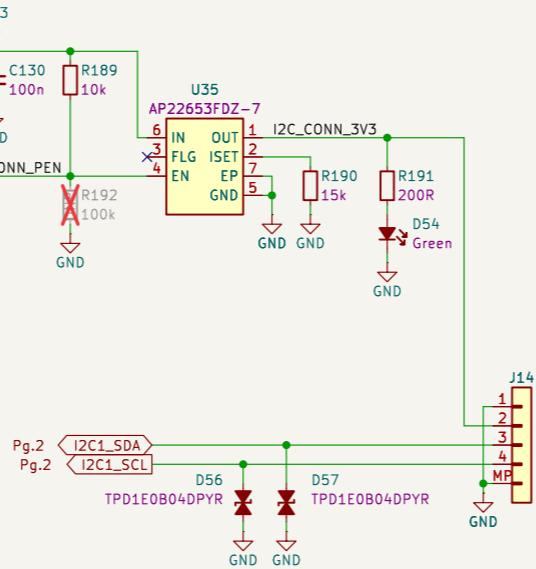
Level shifters



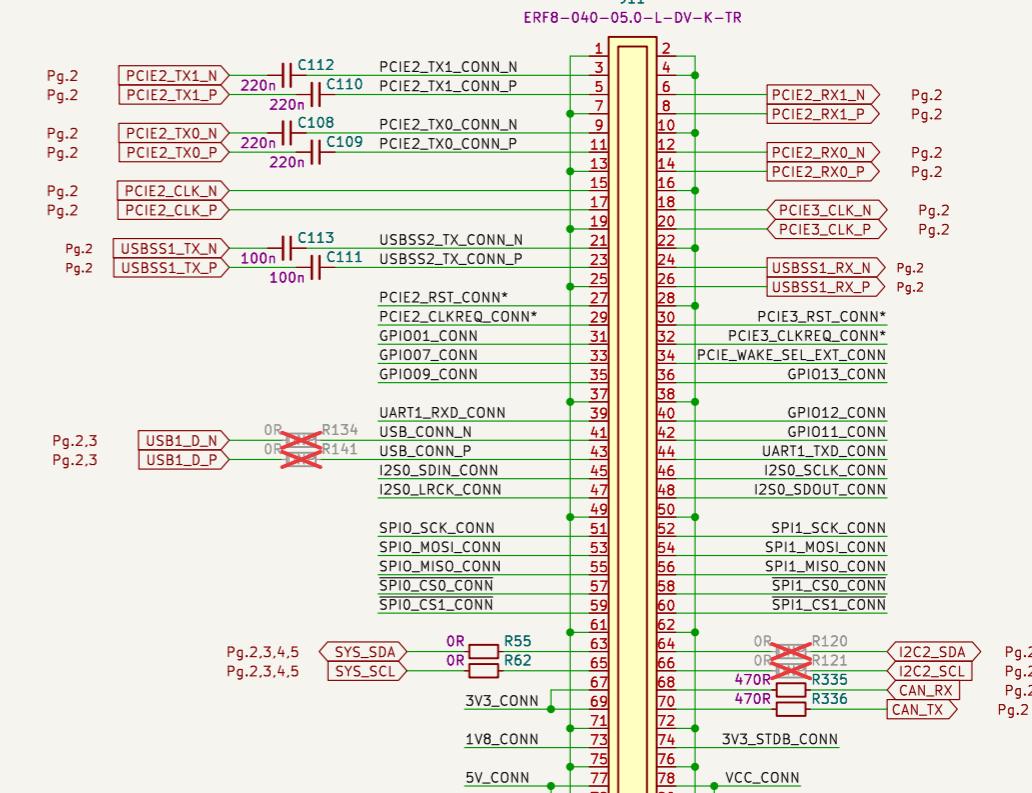
GPIO expander



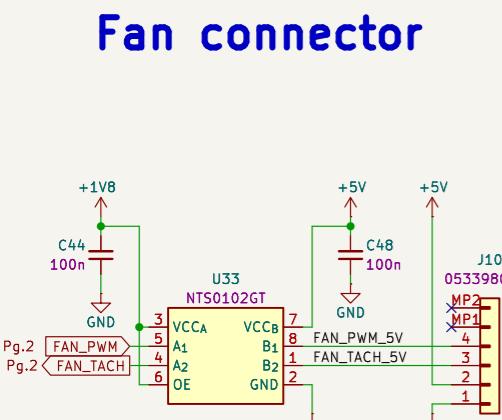
I2C connector



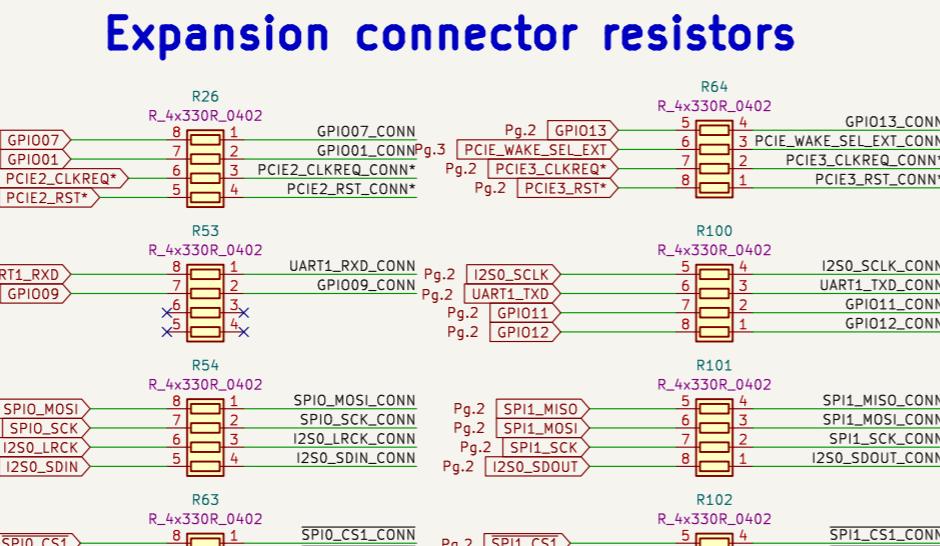
Expansion connector



Fan connector



Expansion connector resistors



Debug connector

pinout compatible with
www.github.com/antmicro/ftdi-toolkit

