

1 2 3 4 5 6 7 8

Jetson Orin Baseboard

github.com/antmicro/jetson-orin-baseboard

A

B

C

D

E

F

A

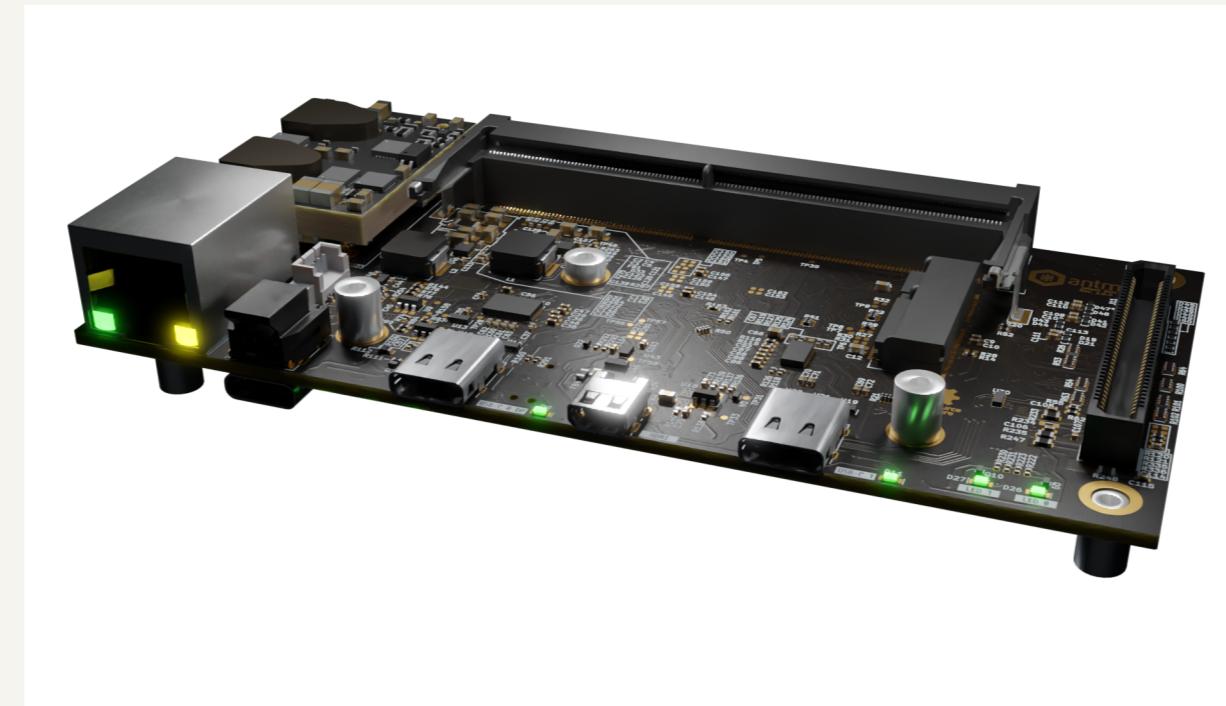
B

C

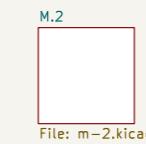
D

E

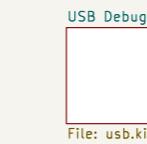
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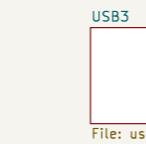
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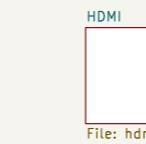
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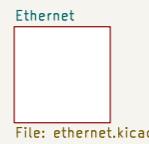
File: usb.kicad_sch



File: usb3.kicad_sch



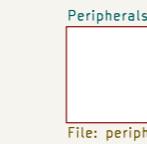
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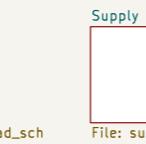
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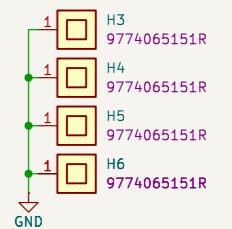
File: csi.kicad_sch



File: peripherals.kicad_sch



File: supply.kicad_sch



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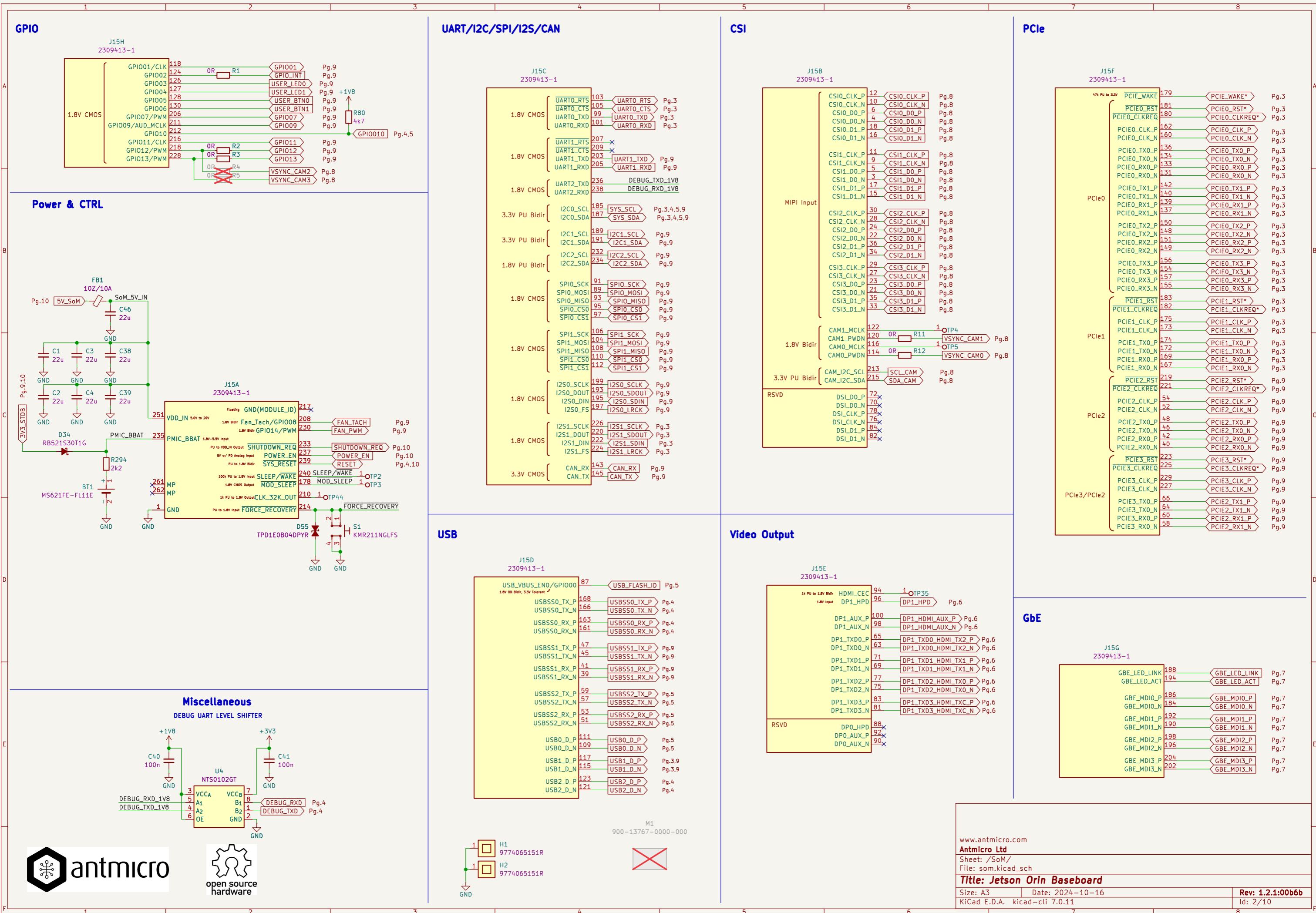
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Title: Jetson Orin Baseboard

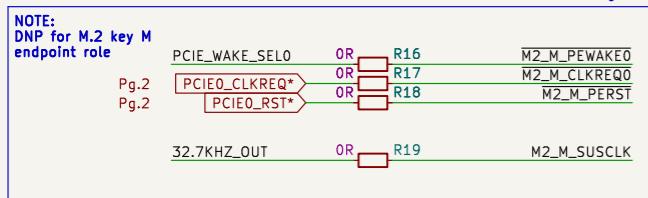
Size: A3 Date: 2024-10-16
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.2.1:00b6b Id: 1/10

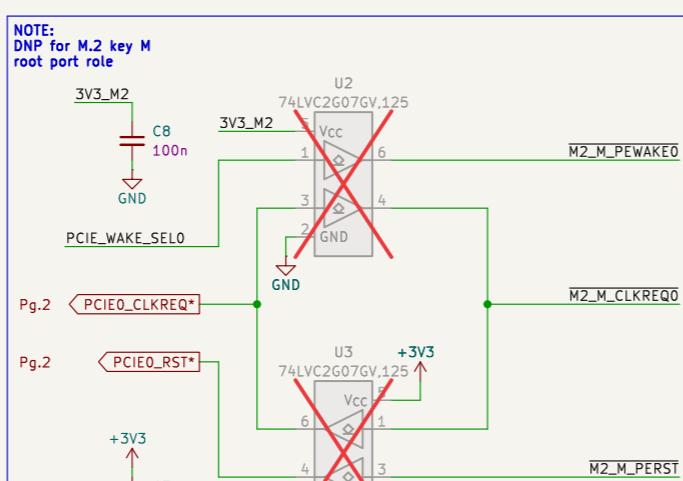
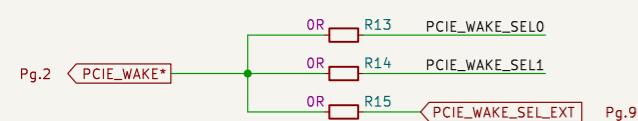
1 2 3 4 5 6 7 8



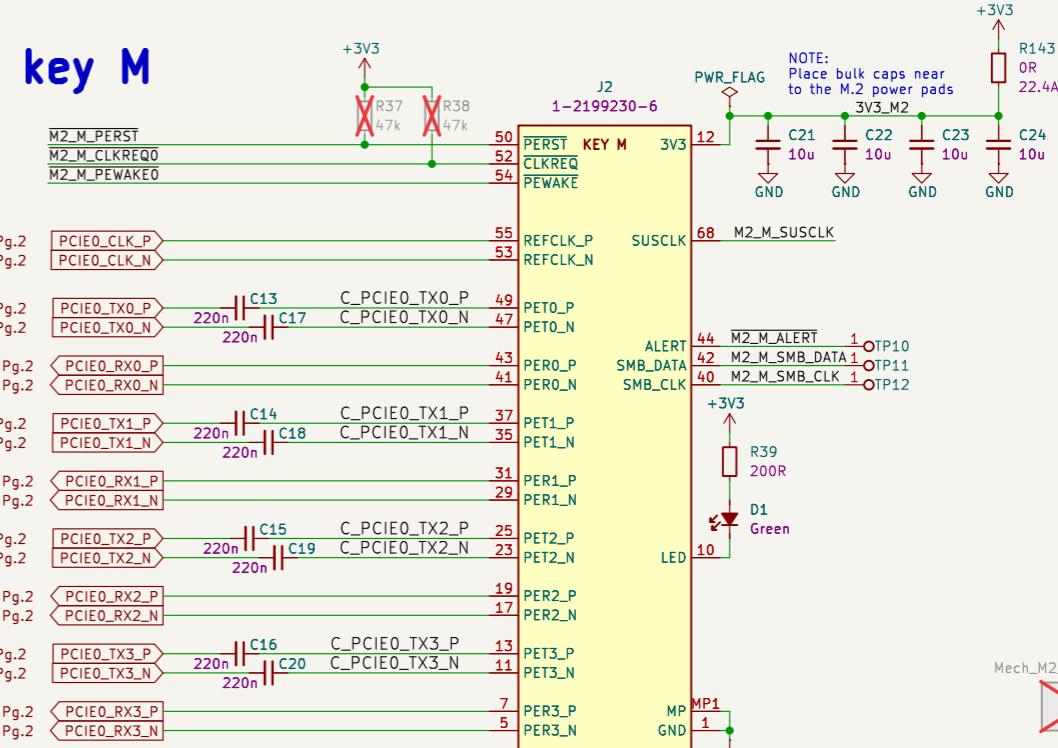
PCIe0 Root Port / Endpoint mode selector



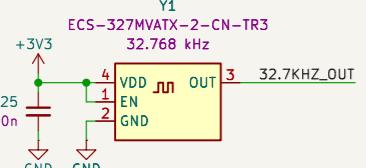
M.2 PCIE_WAKE selector



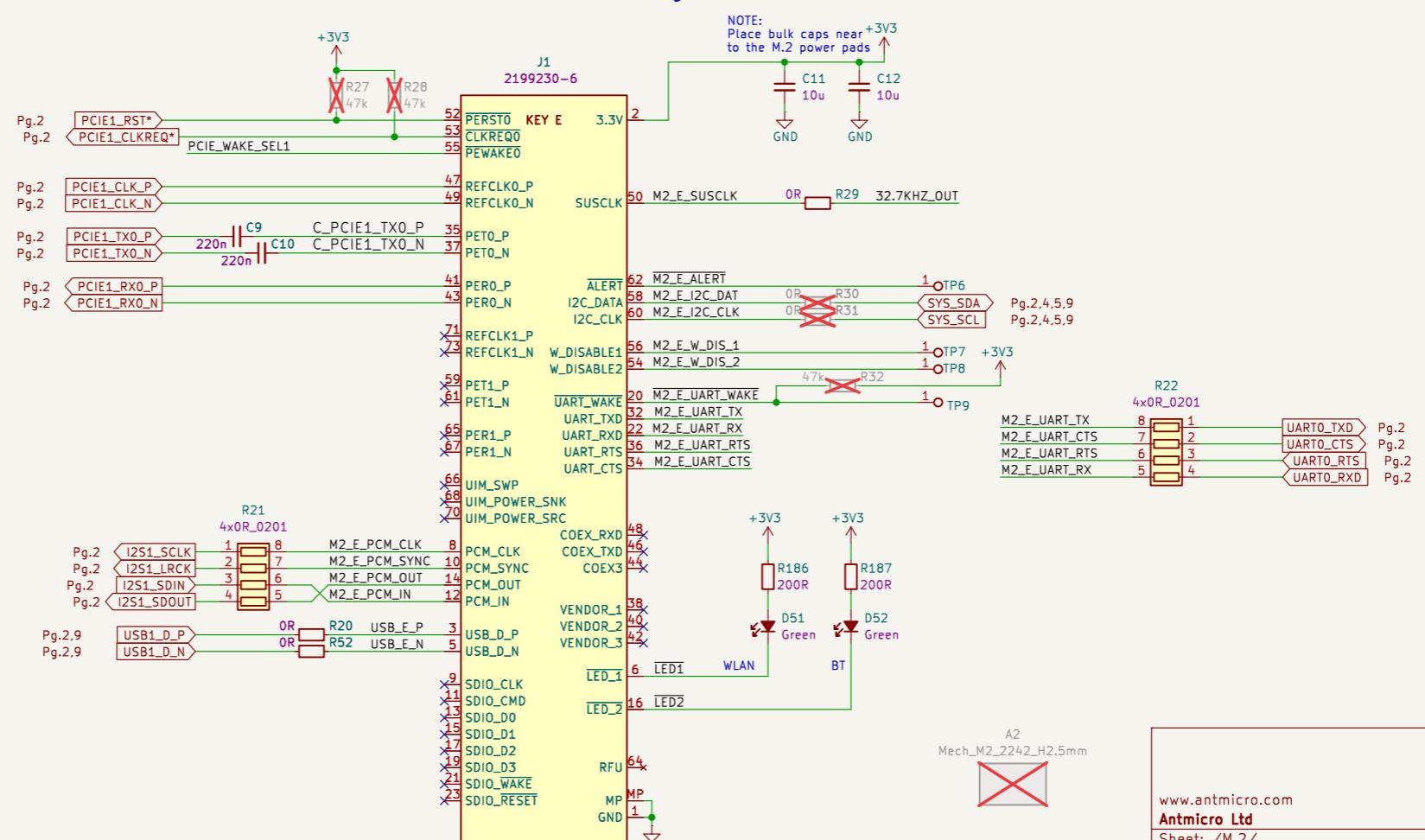
PCIe0 1x4 key M



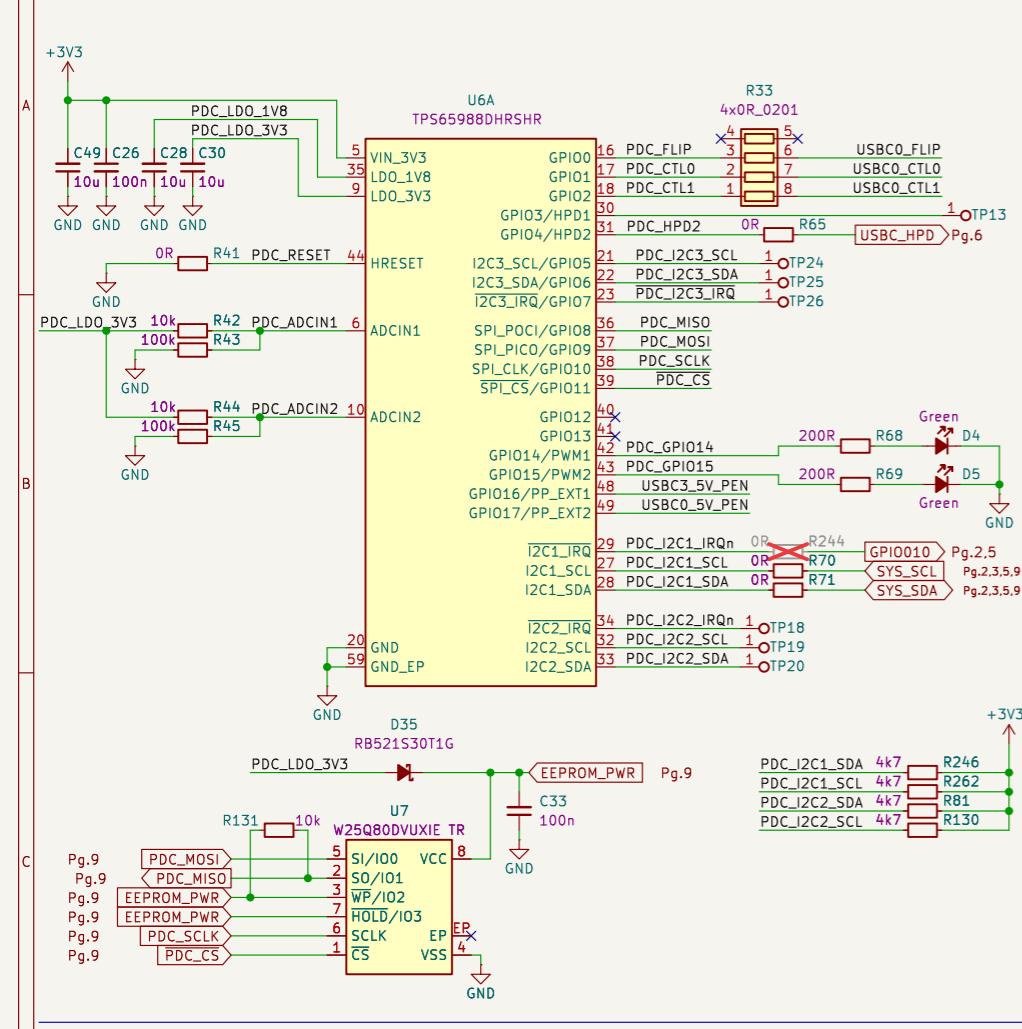
SUSCLK SOURCE



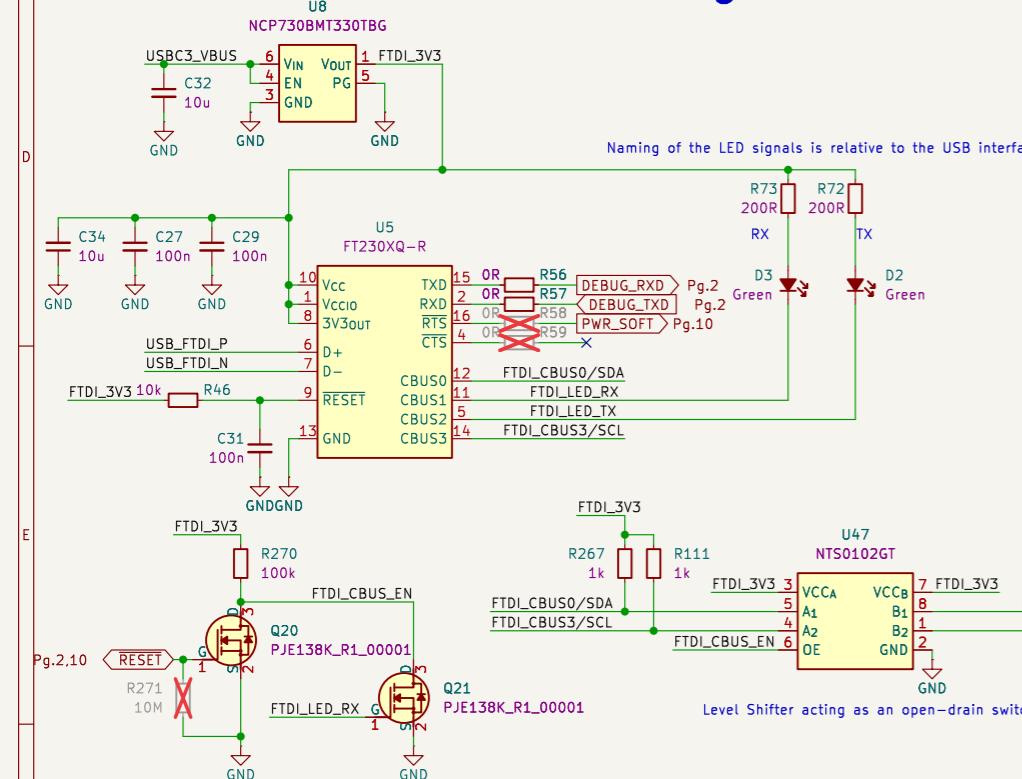
PCIe1 1x1 key E



USB PD Controller

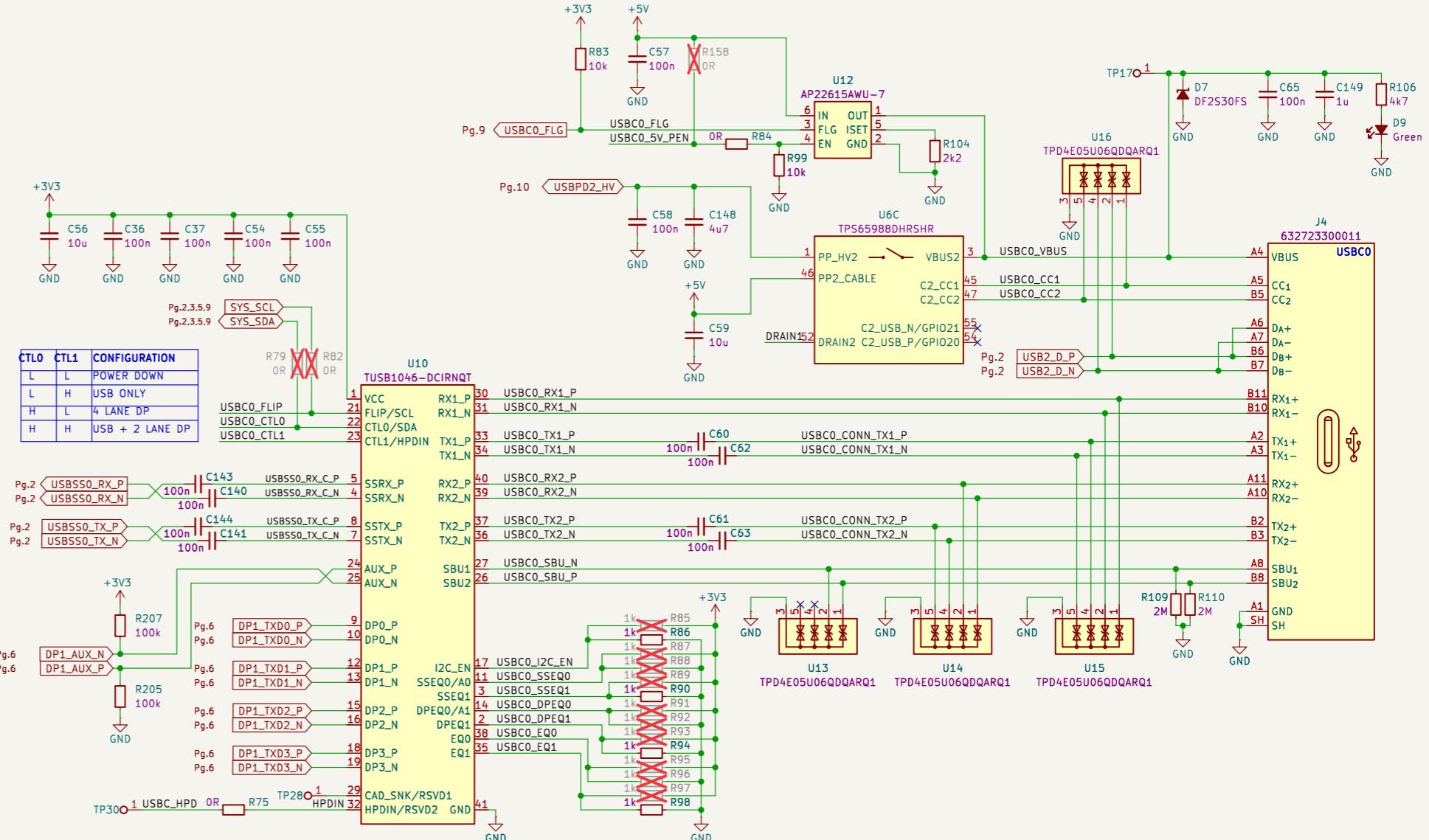


USB-UART Bridge

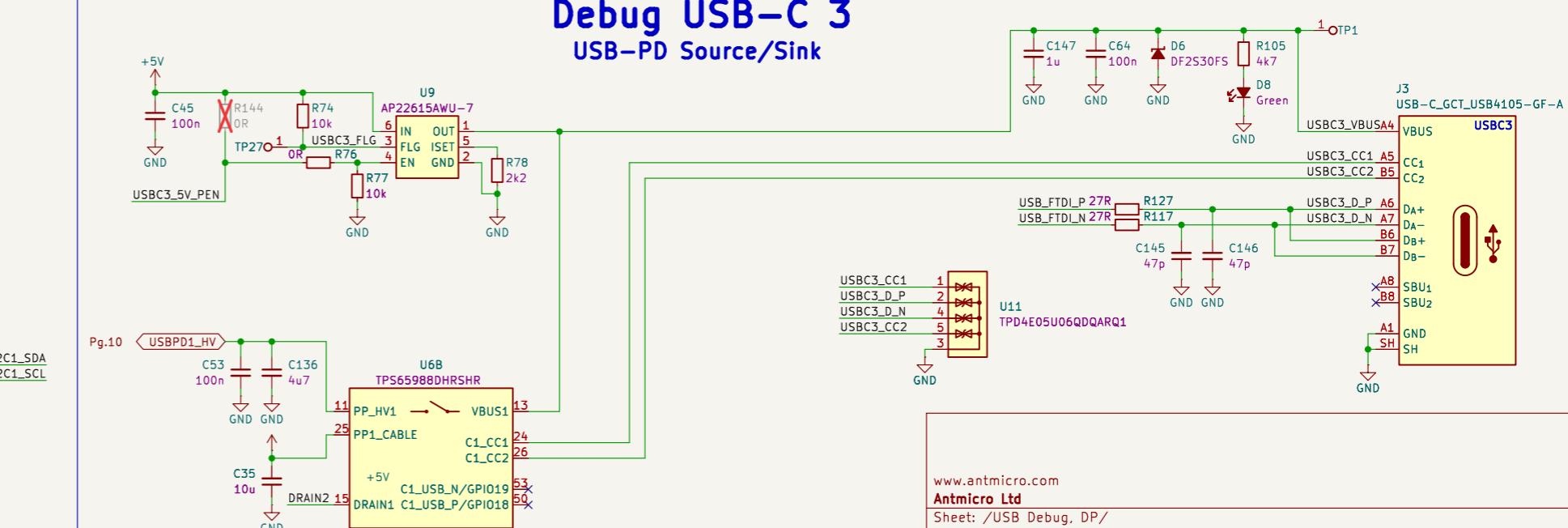


USB-C 0 Display Port alt mode

USB-PD Source/Sink



Debug USB-C 3
USB-PD Source/Sink



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Sheet: /USB Debug, DP/

File: usb.kicad_sch

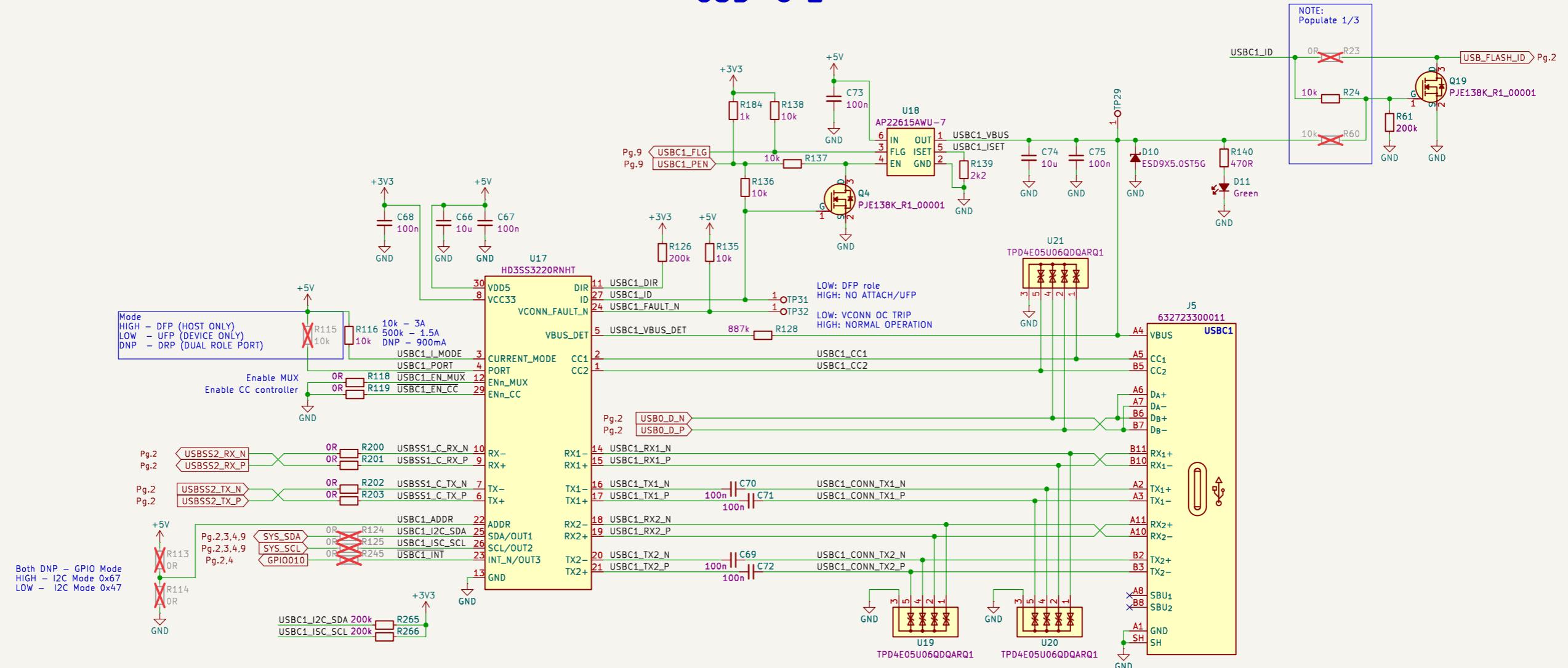
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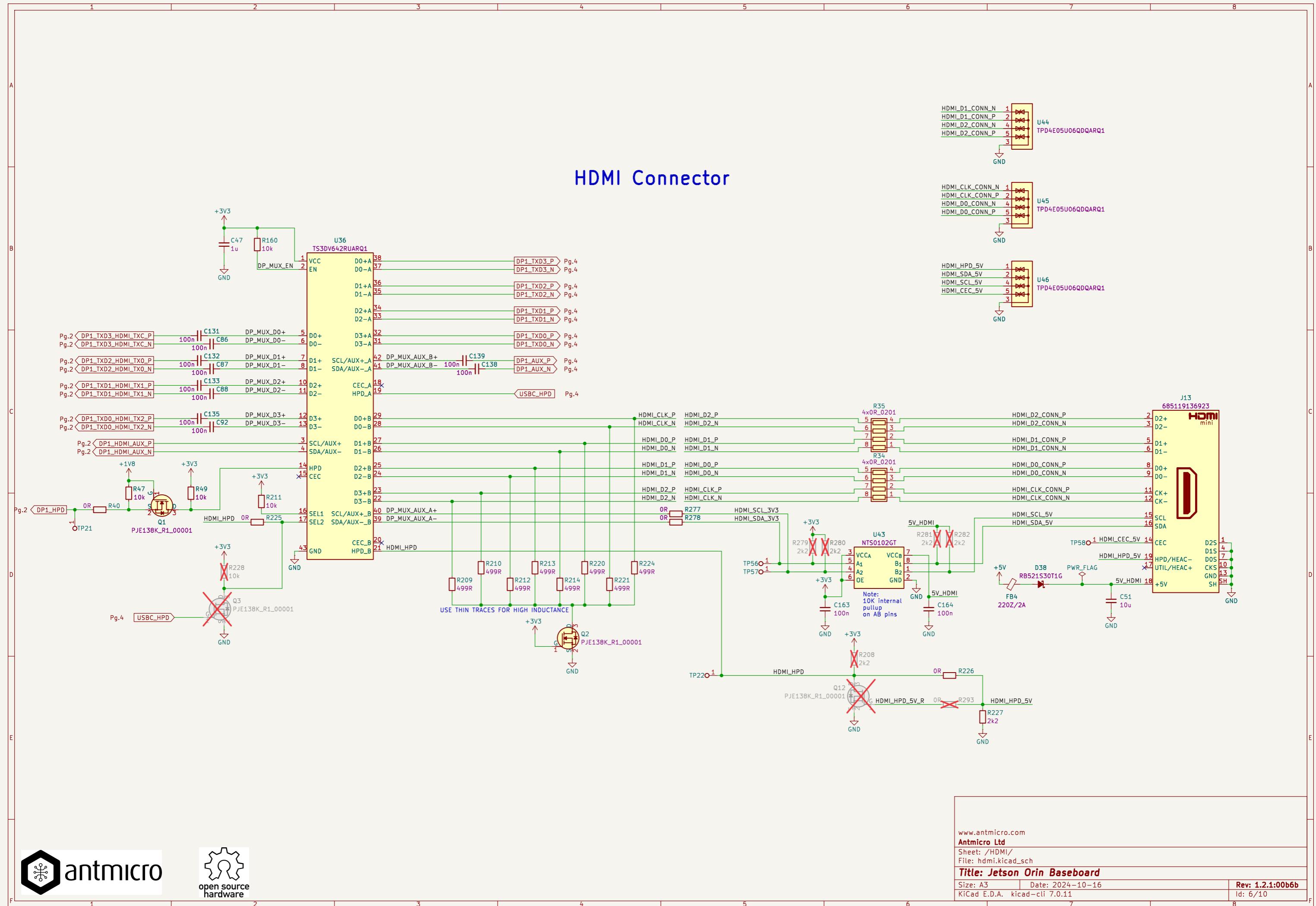
KiCad EDA kicad_ali_7.0.11

KiCad E.D.A. kicad-cli 7.0.11

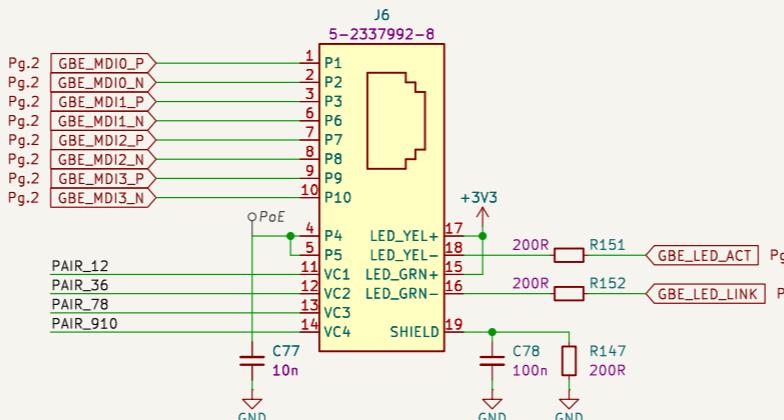
Digitized by srujanika@gmail.com

USB-C 1

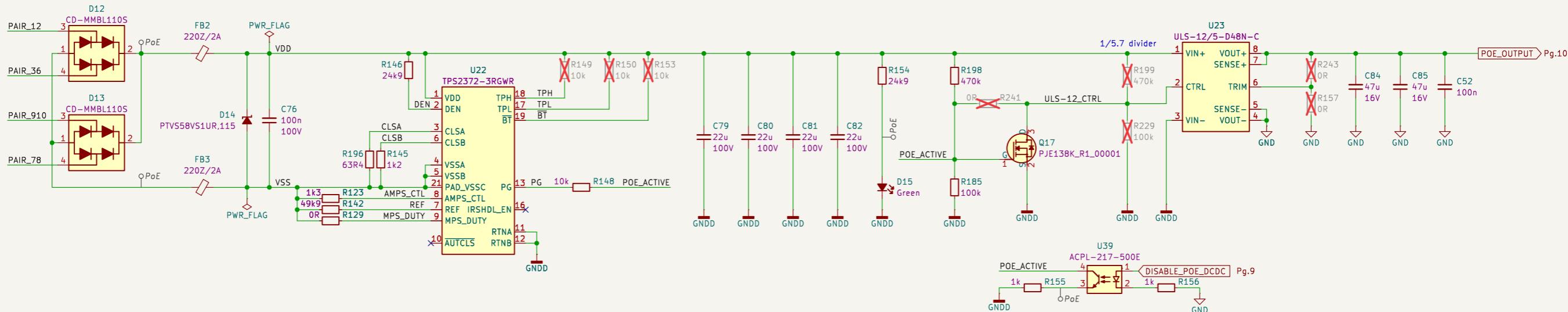


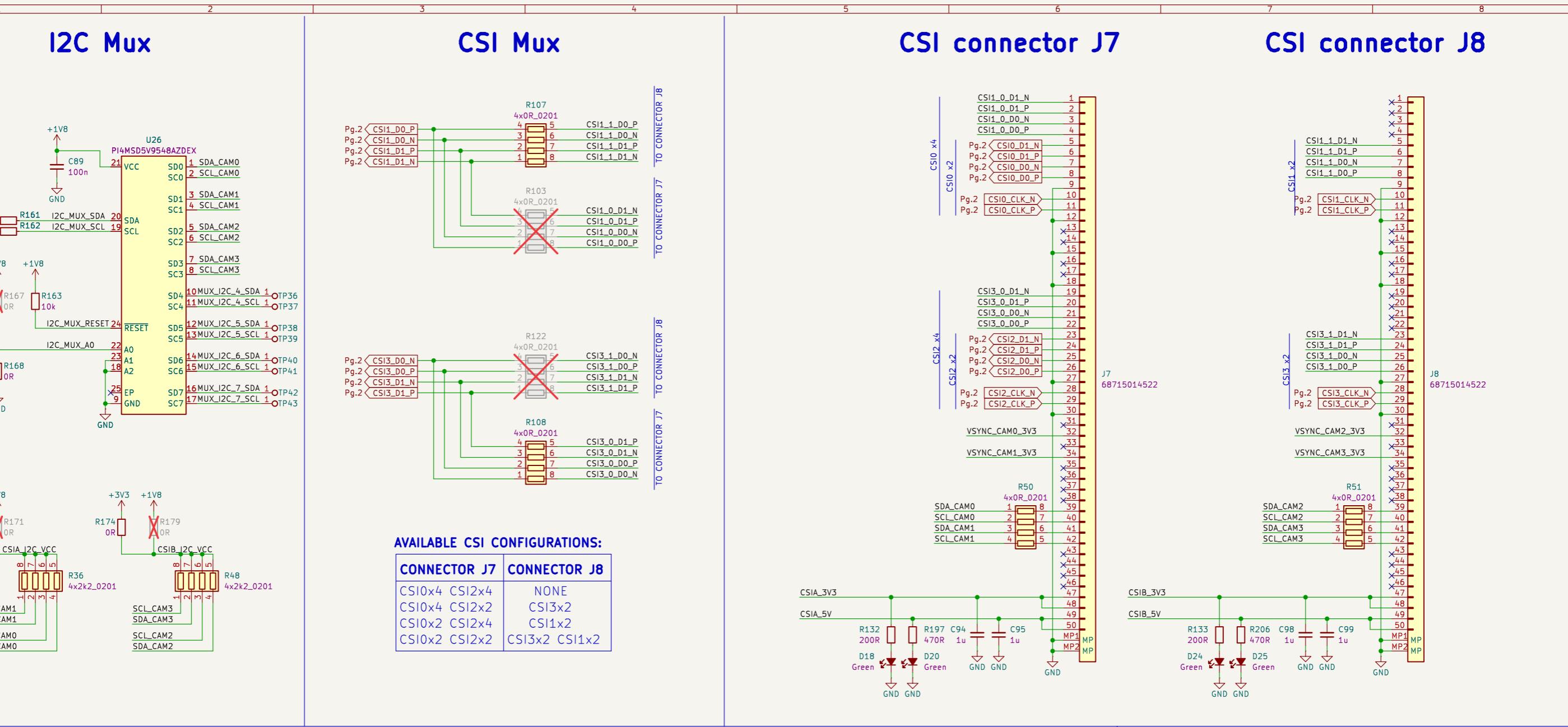


Ethernet Connector

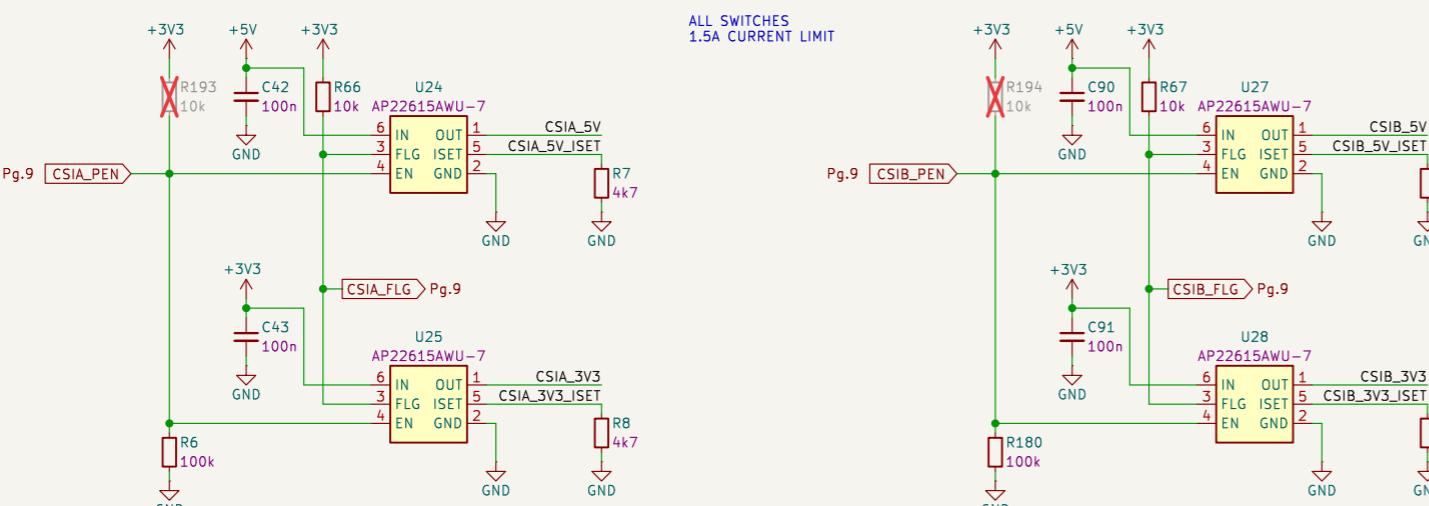


Power over Ethernet

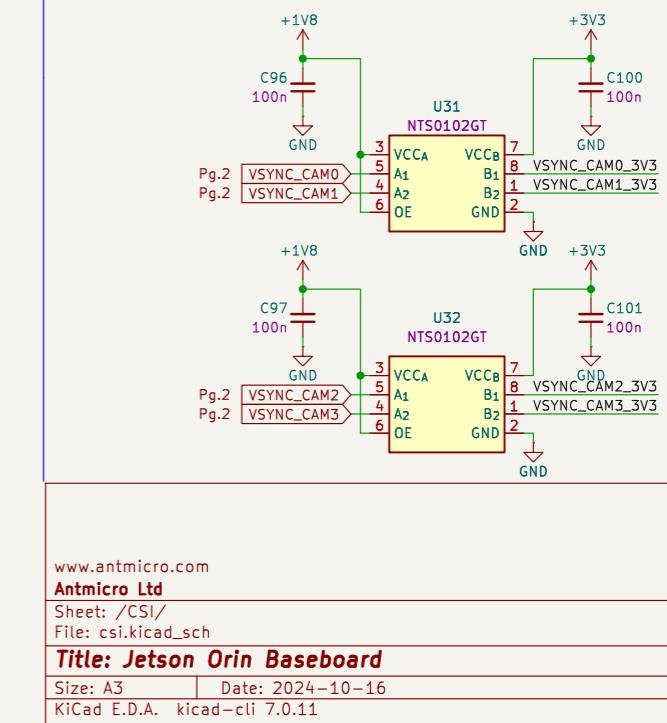




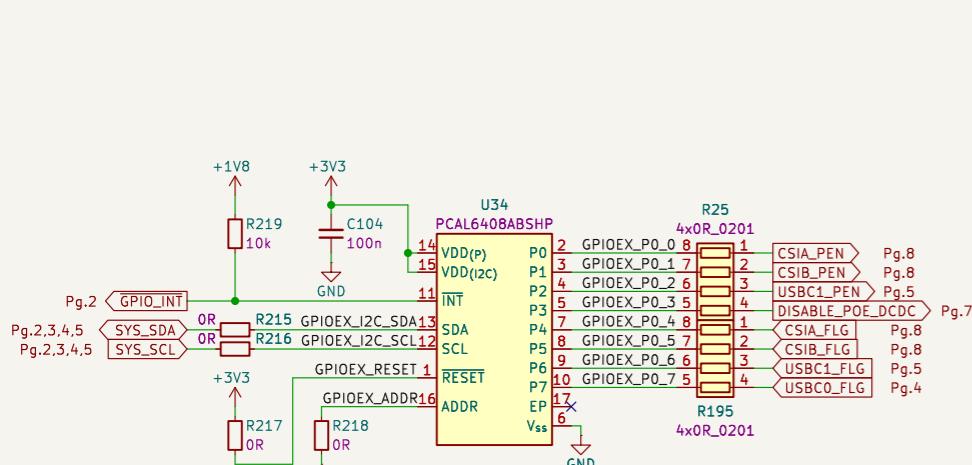
Power switches



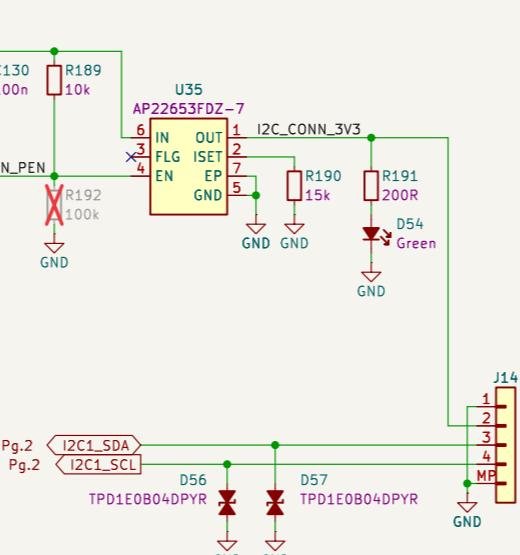
Level shifters



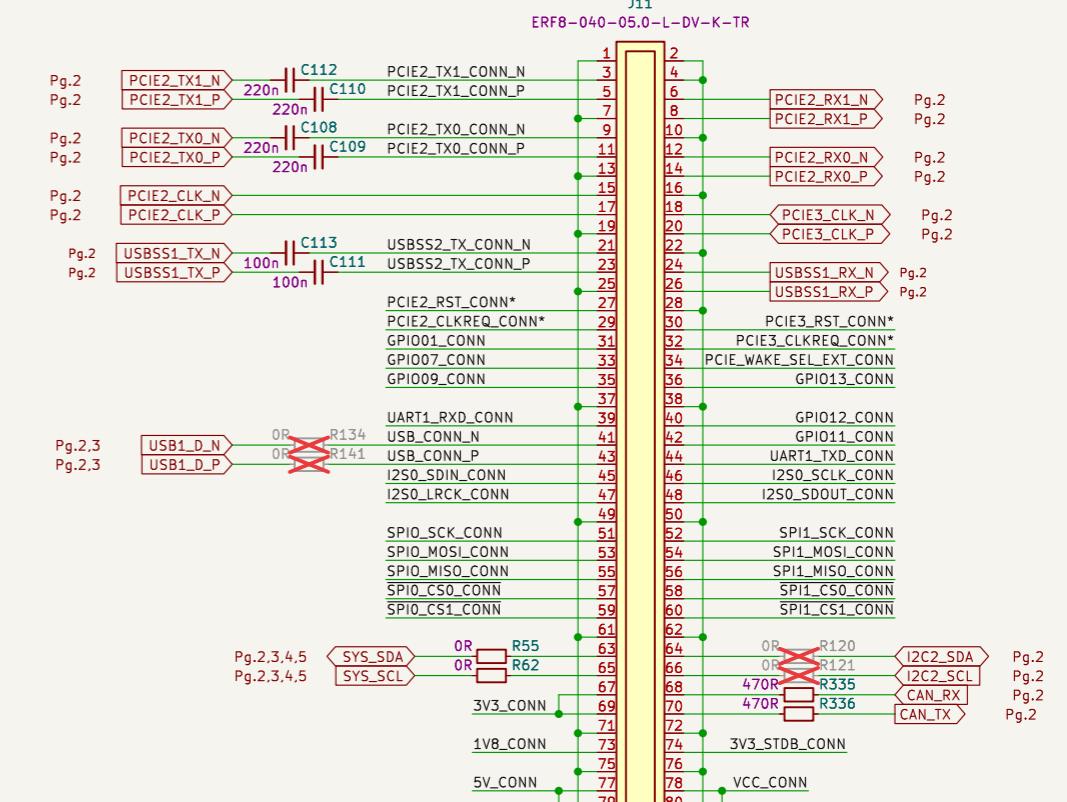
GPIO expander



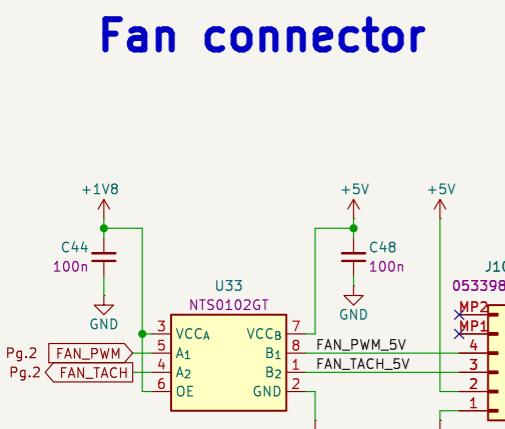
I2C connector



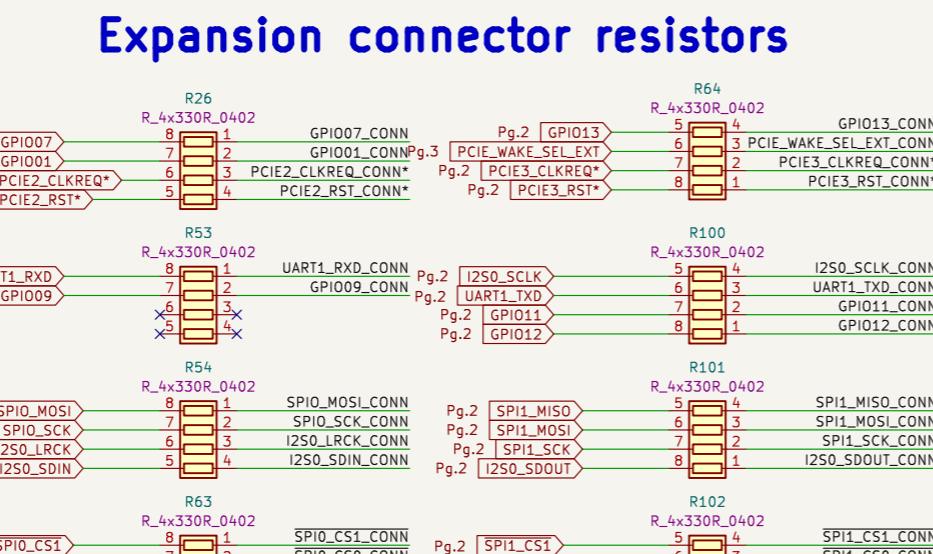
Expansion connector



Fan connector

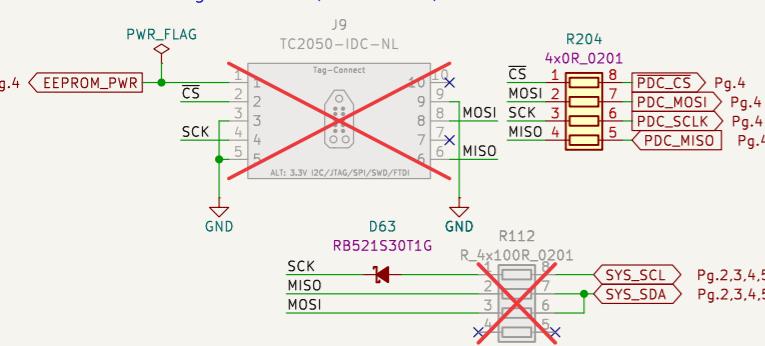


Expansion connector resistors

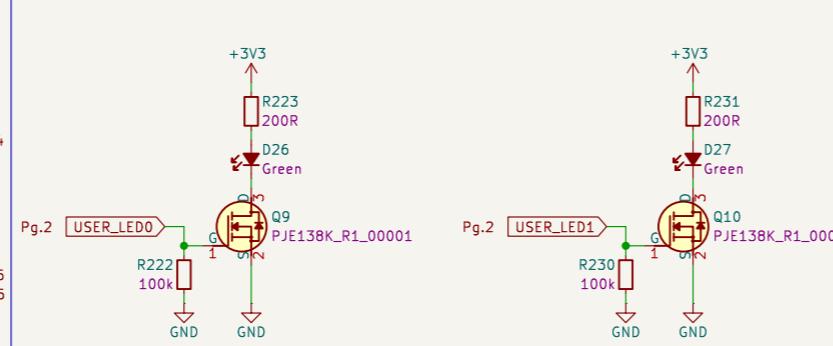


Debug connector

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



LED indicators



Buttons

