

1 2 3 4 5 6 7 8

Jetson Orin Baseboard

github.com/antmicro/jetson-orin-baseboard

A

B

C

D

E

F

A

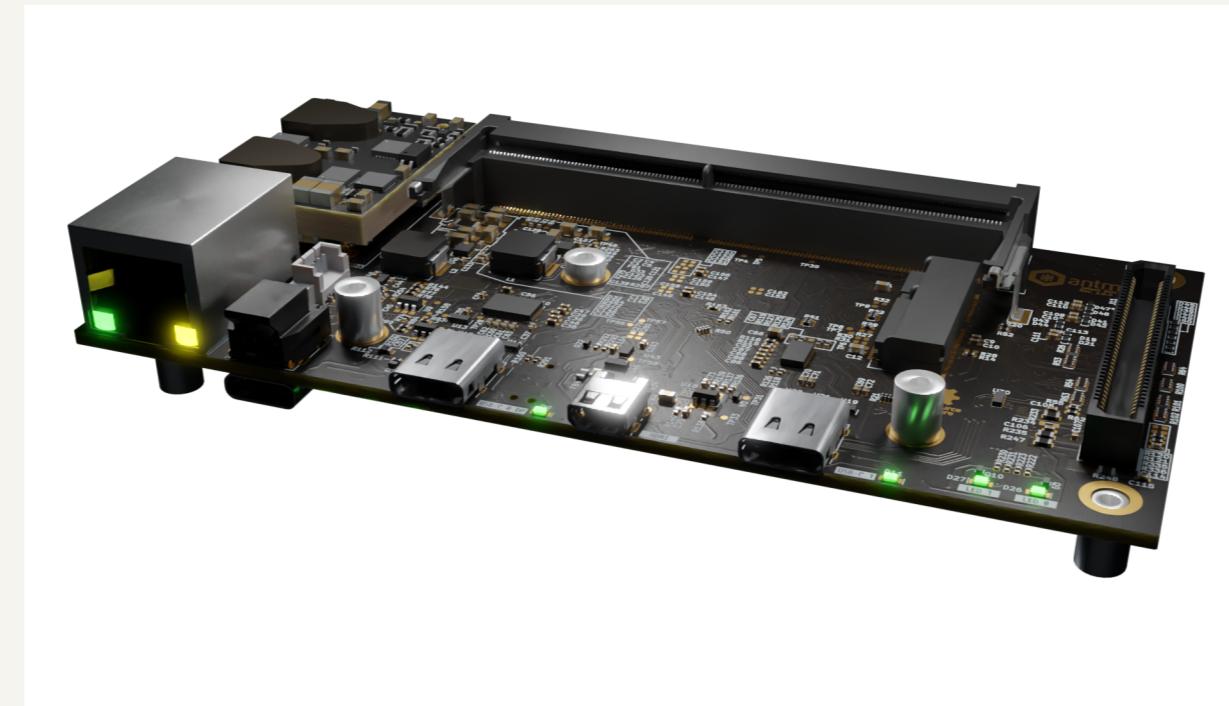
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C

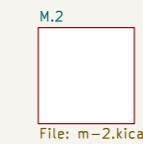
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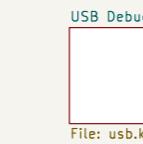
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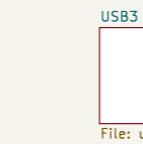
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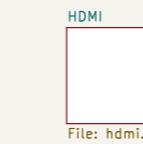
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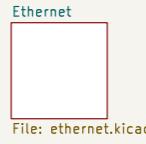
File: usb.kicad_sch



File: usb3.kicad_sch



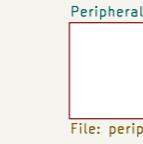
File: hdmi.kicad_sch



File: ethernet.kicad_sch



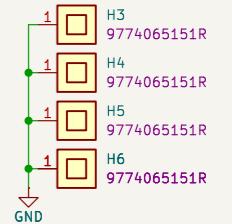
File: csi.kicad_sch



File: peripherals.kicad_sch



File: supply.kicad_sch



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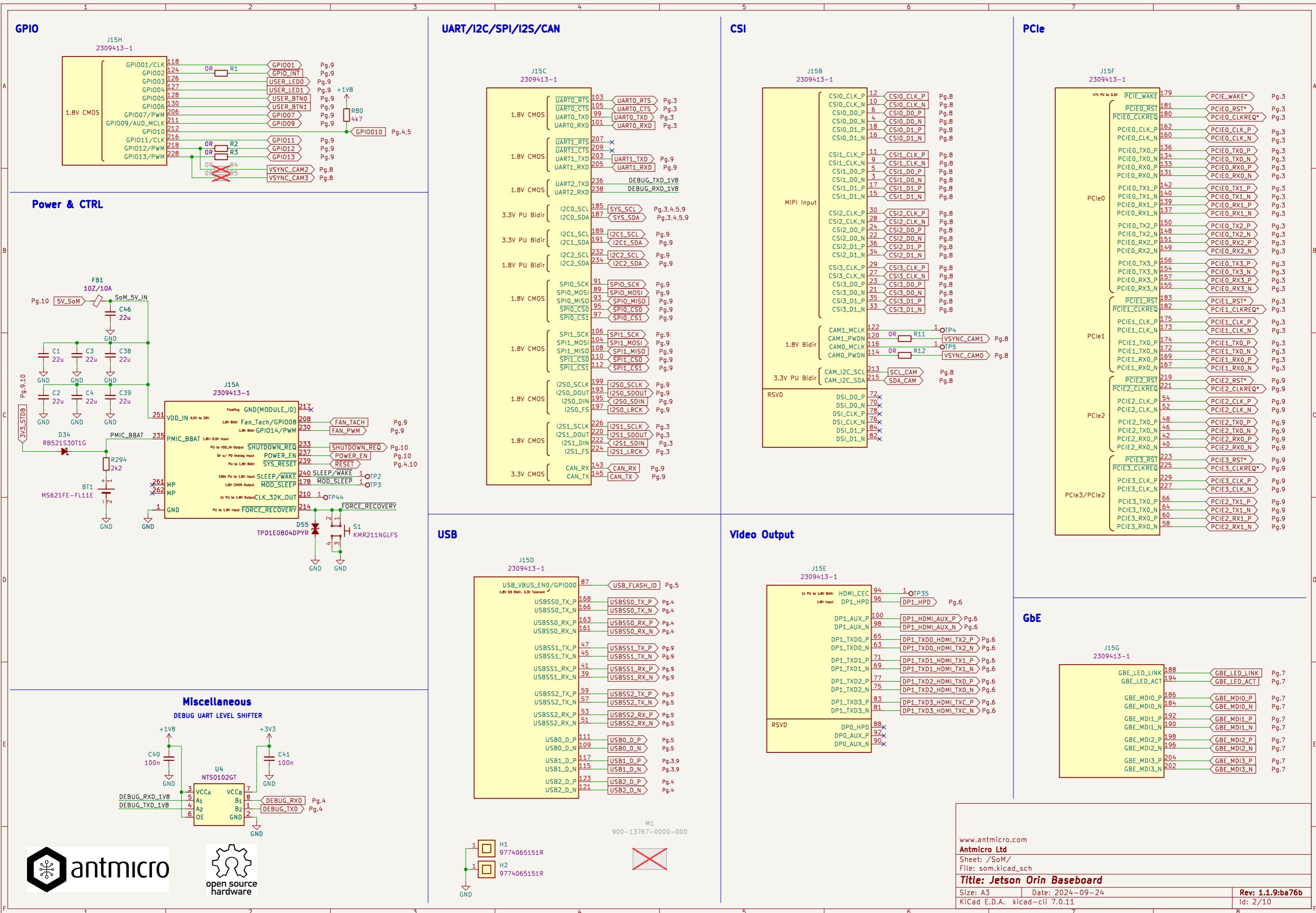
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Title: Jetson Orin Baseboard

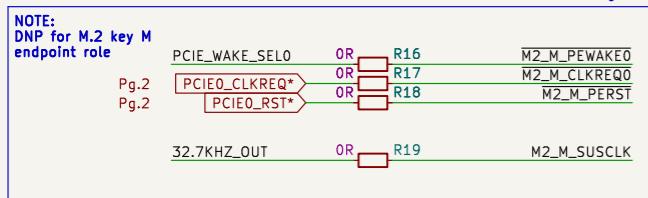
Size: A3 Date: 2024-09-24
KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.1.9:ba76b Id: 1/10

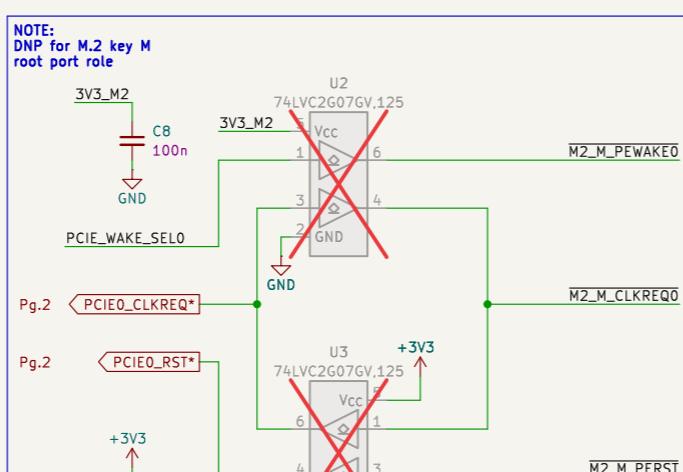
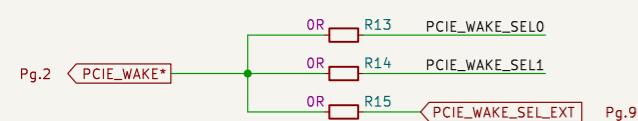
1 2 3 4 5 6 7 8



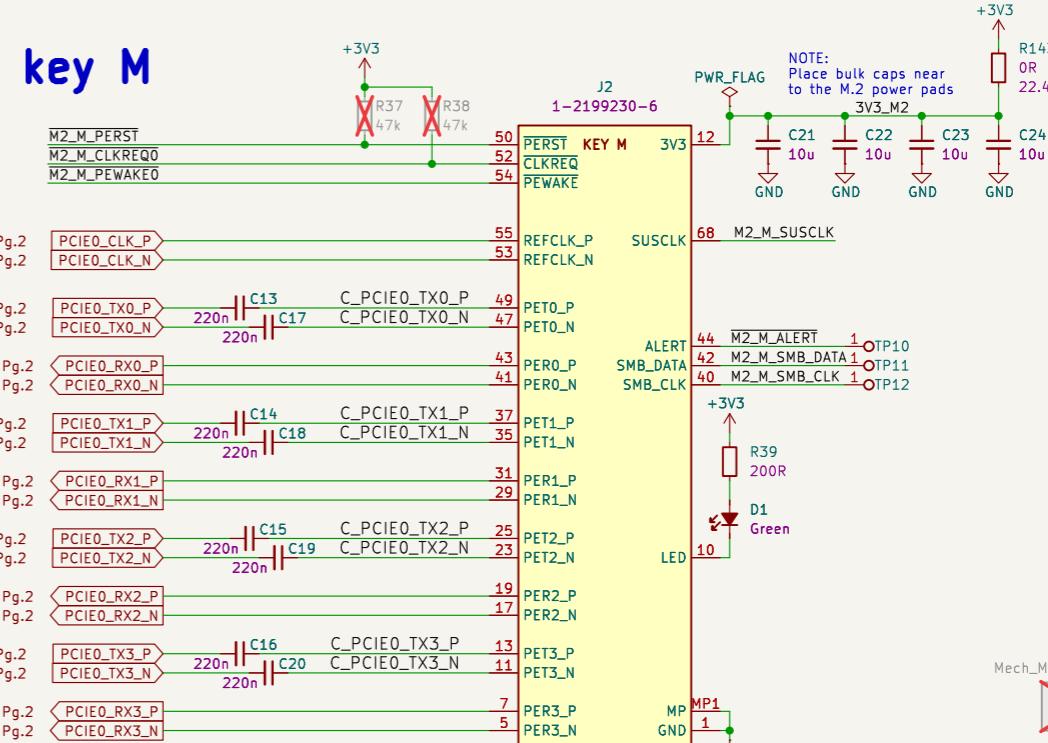
PCIe0 Root Port / Endpoint mode selector



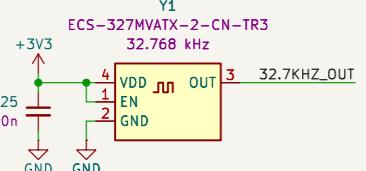
M.2 PCIE_WAKE selector



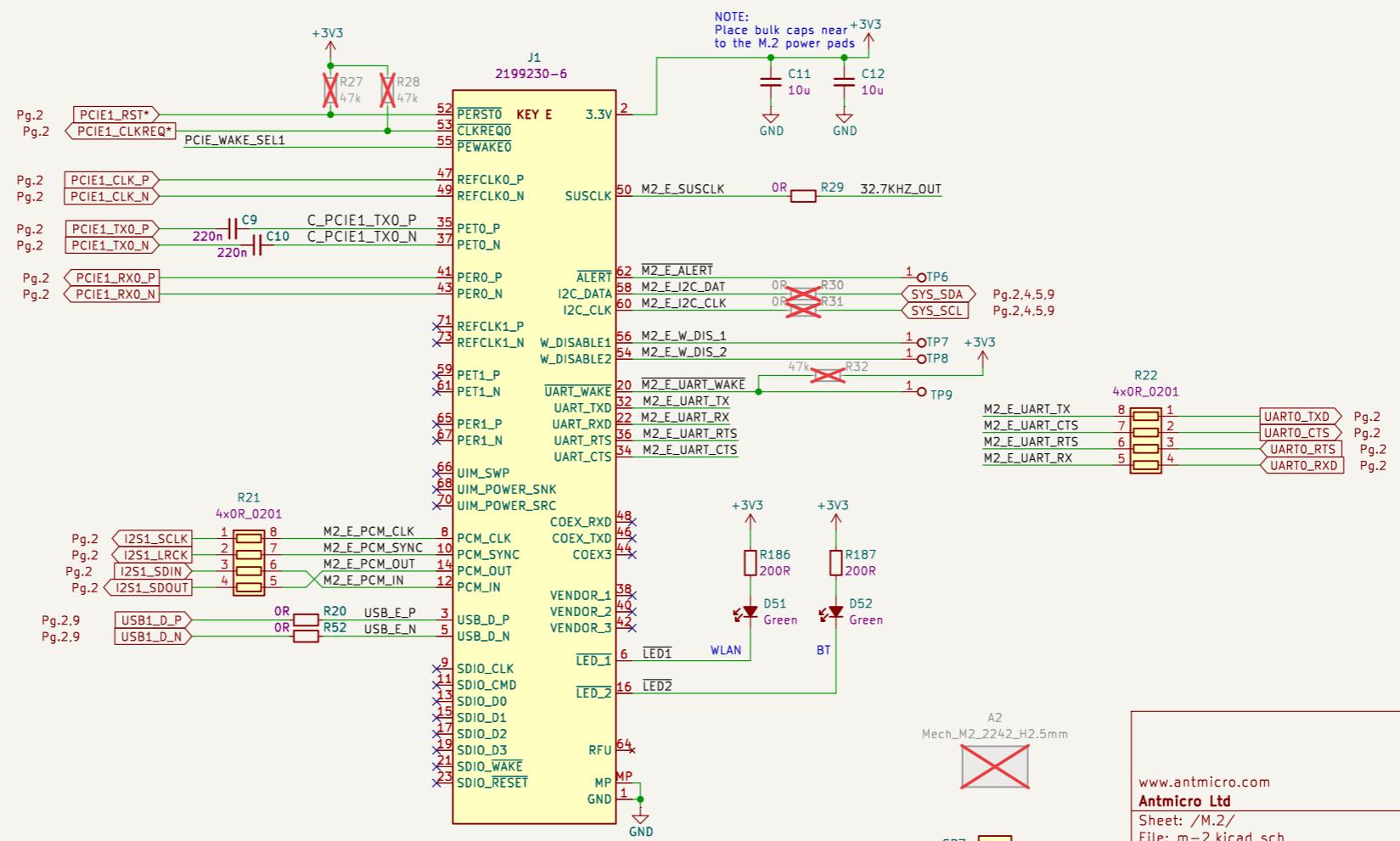
PCIe0 1x4 key M



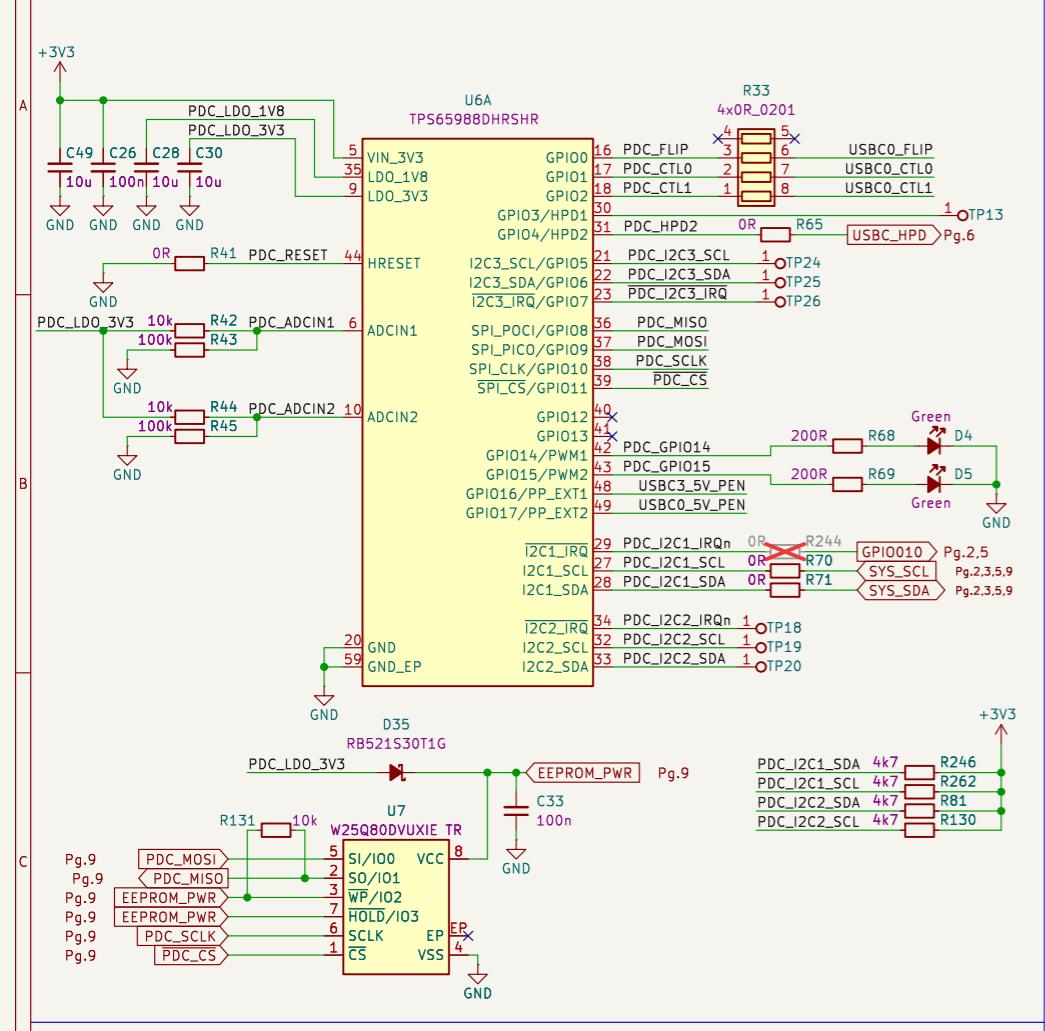
SUSCLK SOURCE



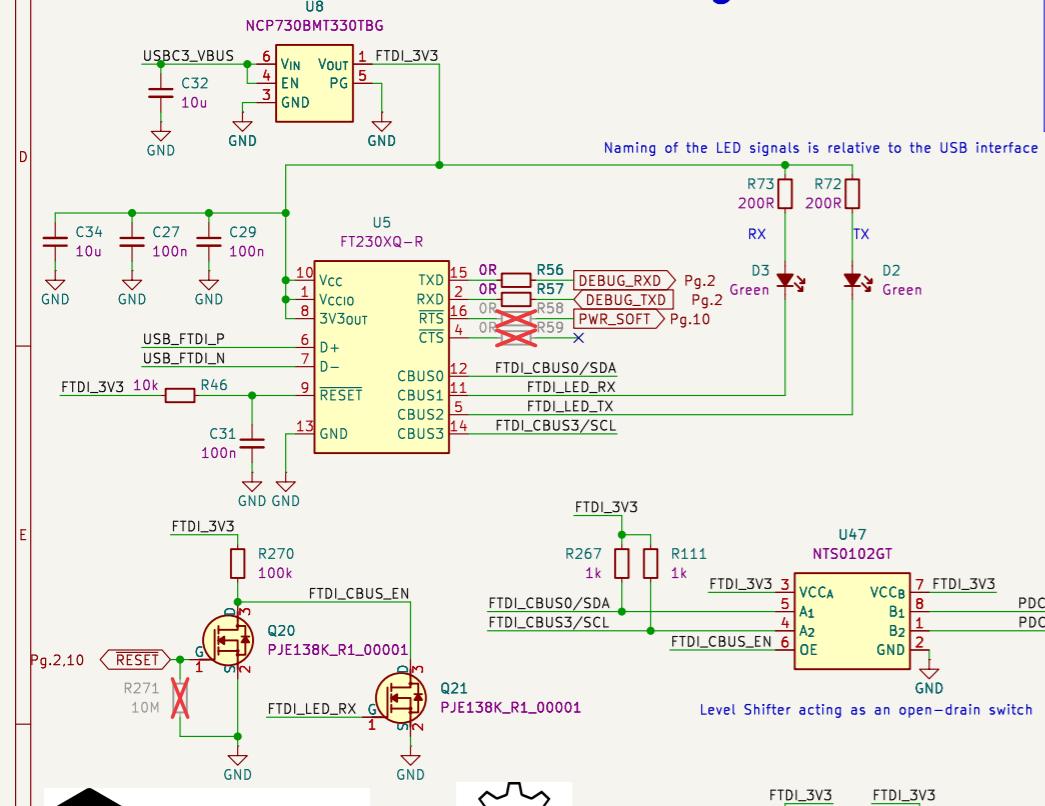
PCIe1 1x1 key E



USB PD Controller



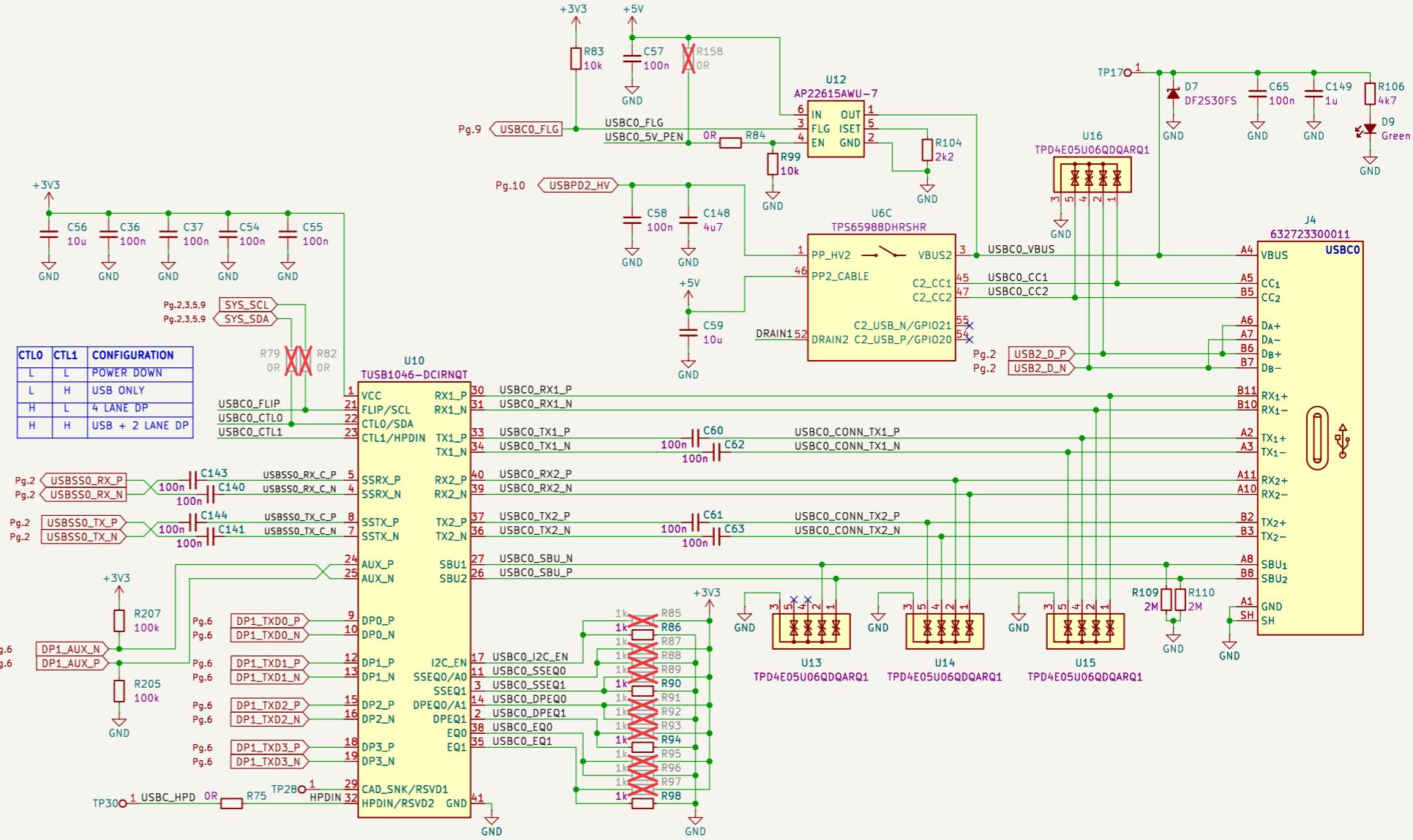
USB-UART Bridge



open source
hardware

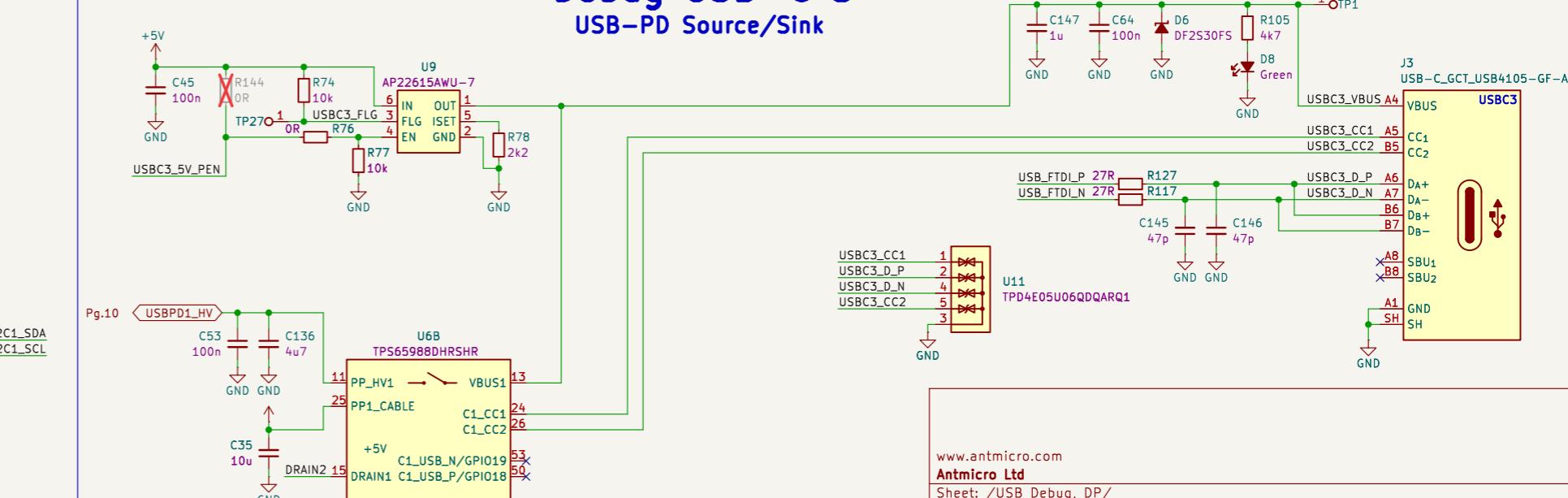
USB-C 0 Display Port alt mode

USB-PD Source/Sink



Debug USB-C 3

USB-PD Source/Sink



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Sheet: /USB Debug, DP/

File: usb.kicad_sch

Title: Jetson Orin Baseboard

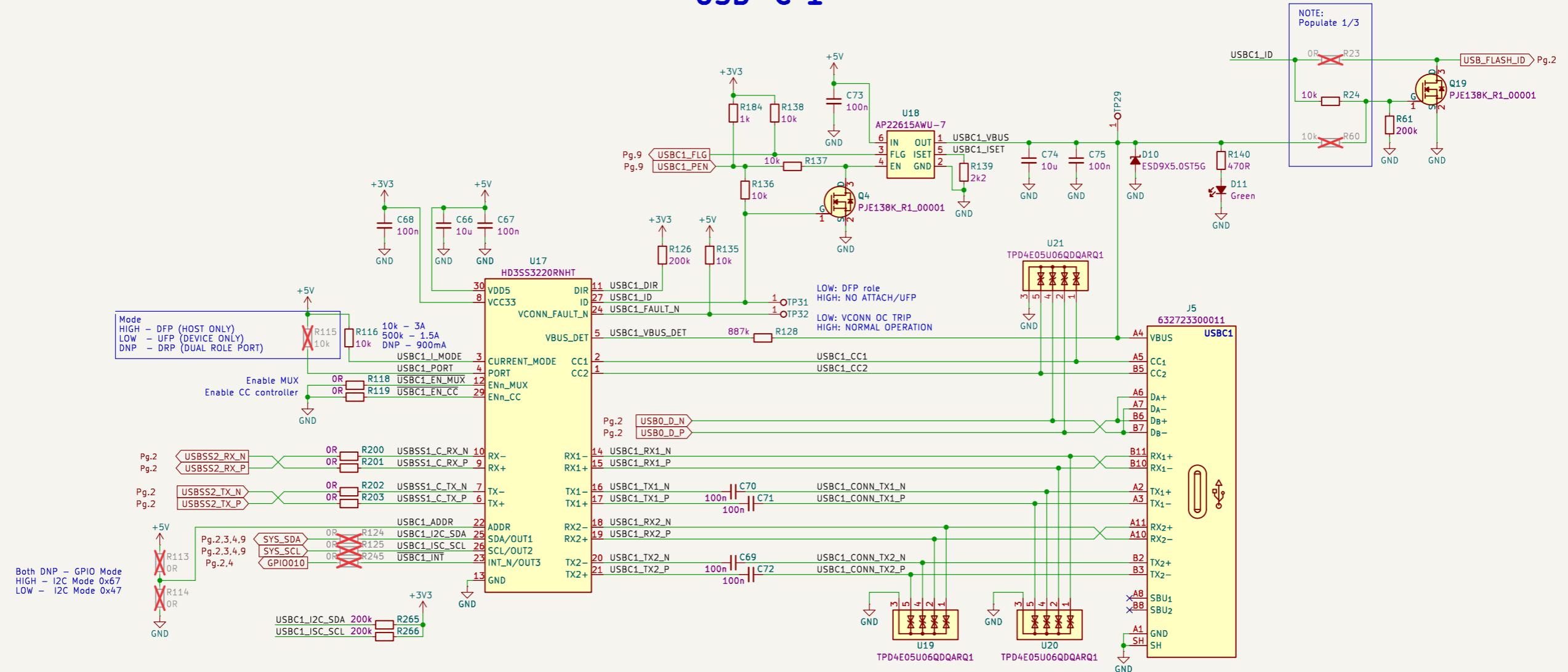
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KiCad E.D.A. kicad-cl 7.0.11

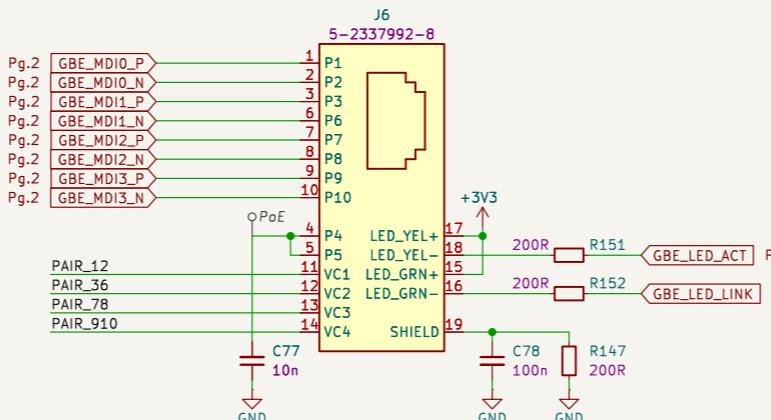
Rev: 1.1.9:ba76b

Id: 4/10

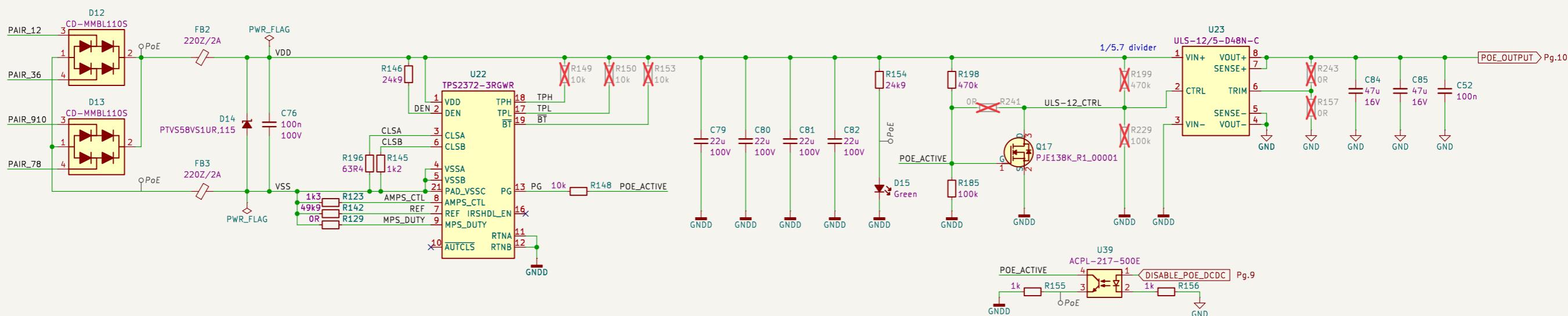
USB-C 1

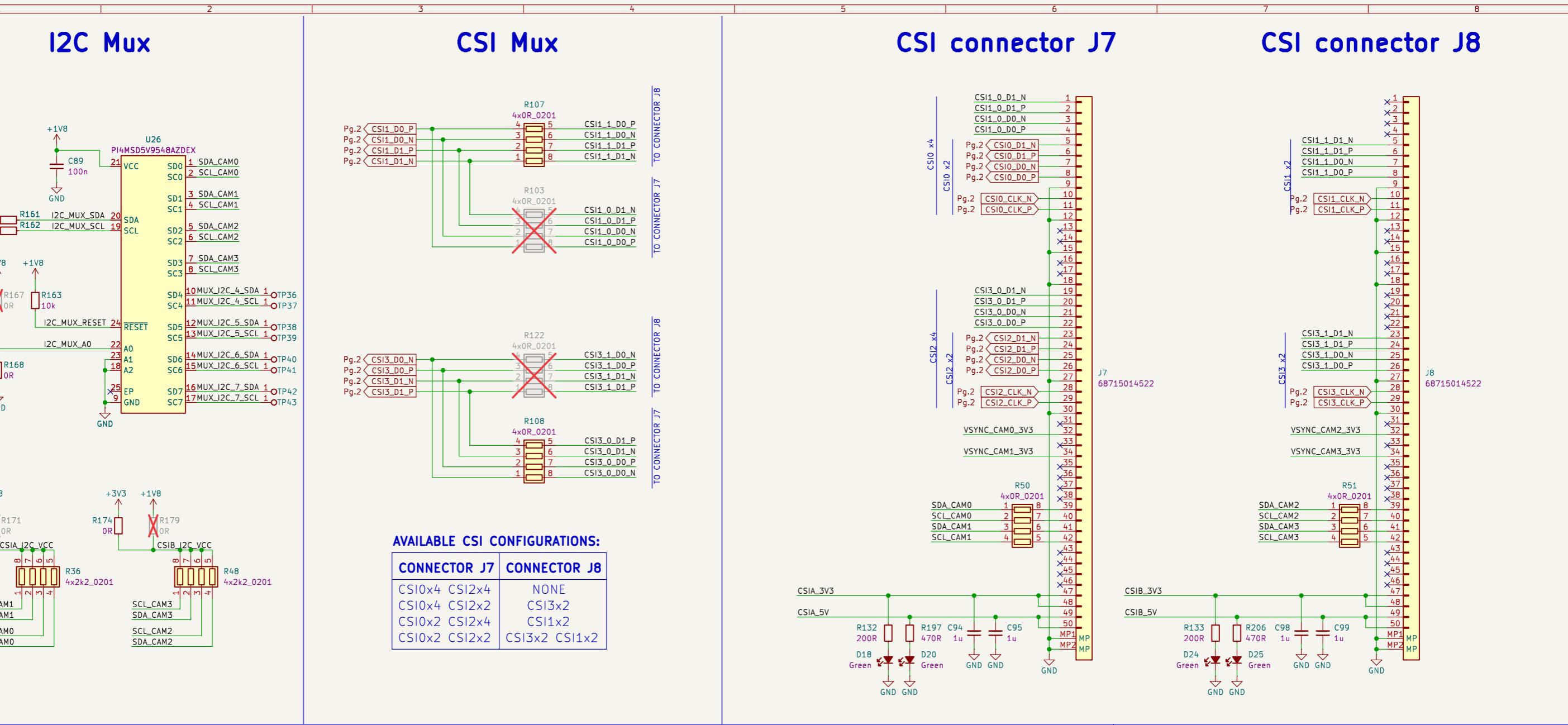


Ethernet Connector

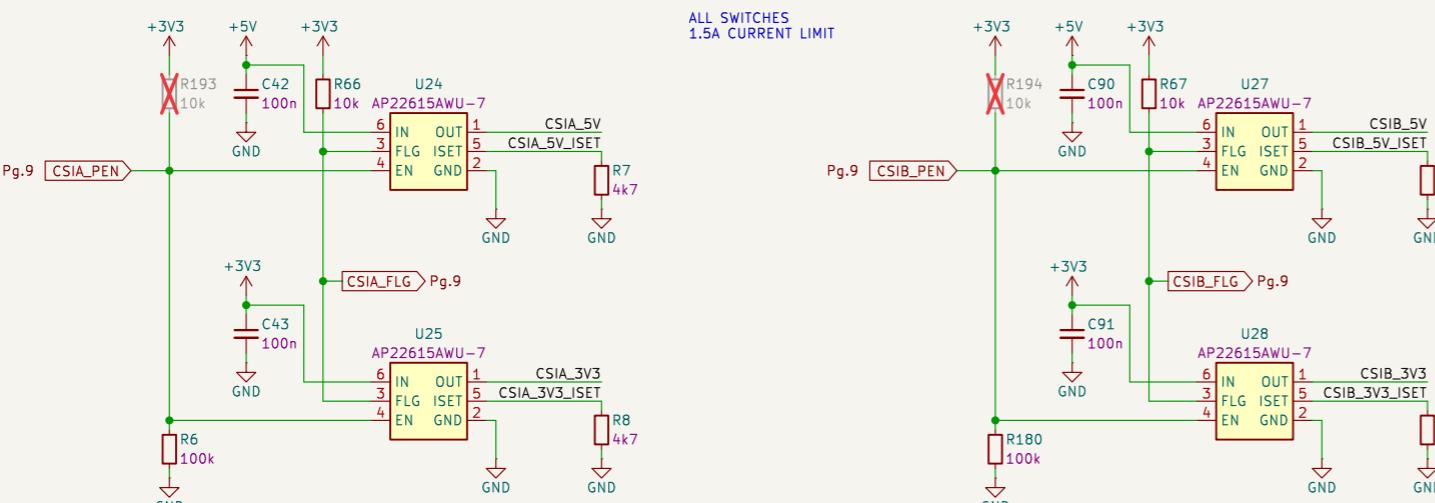


Power over Ethernet





Power switches



Level shifters

