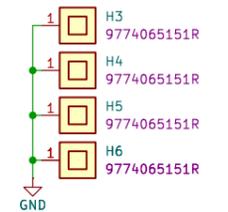
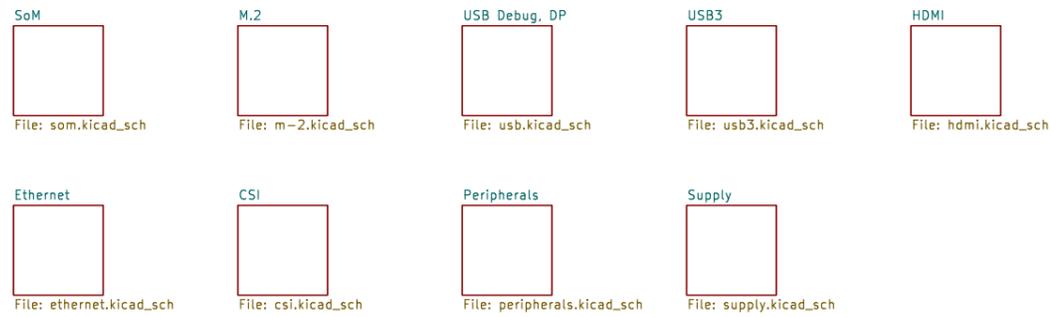
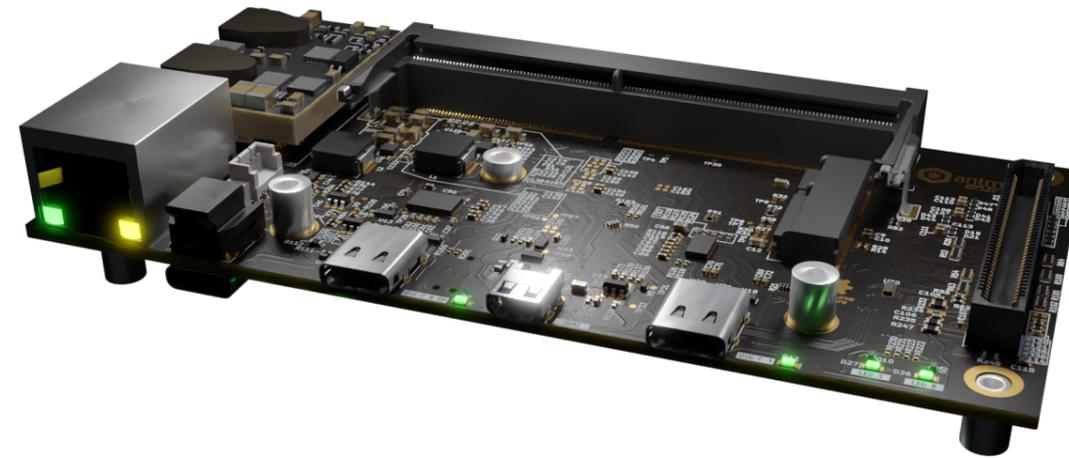
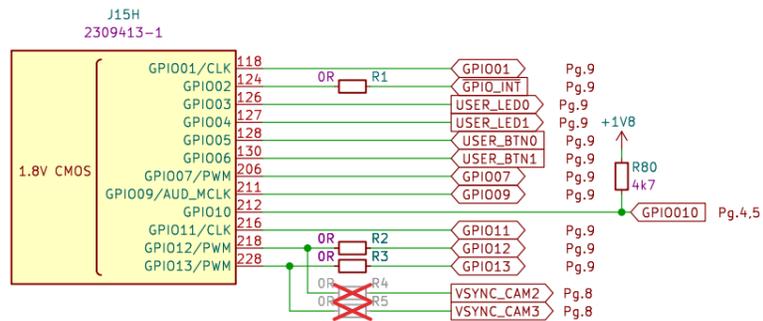


Jetson Orin Baseboard

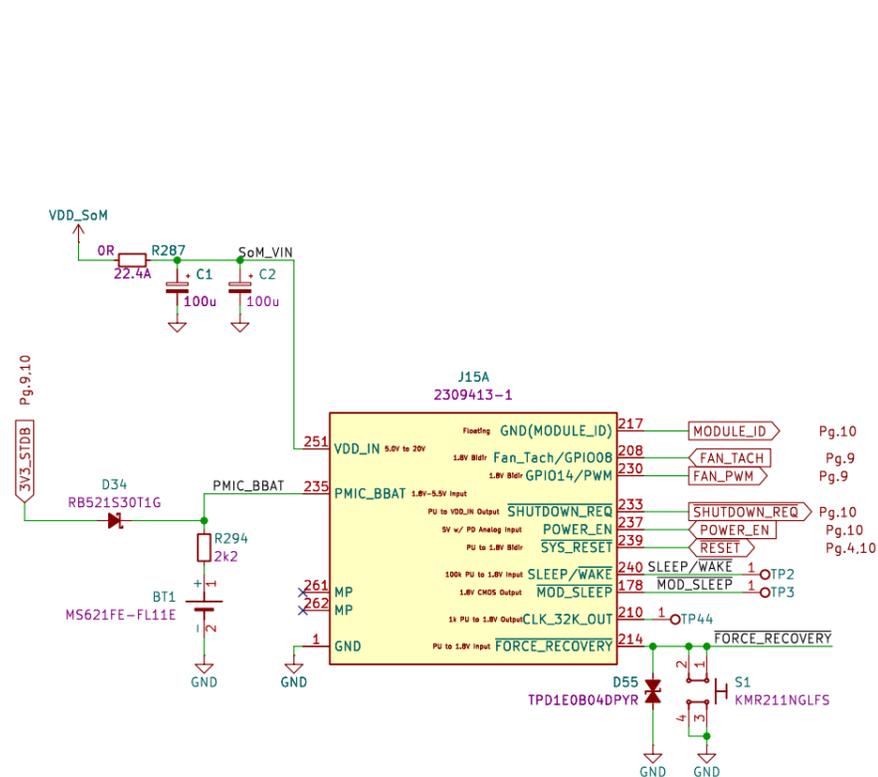
github.com/antmicro/jetson-orin-baseboard



GPIO

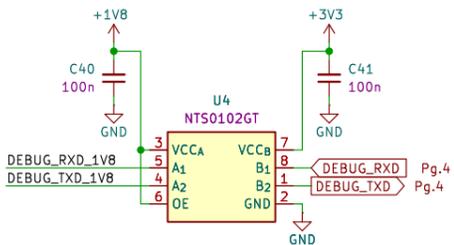


Power & CTRL

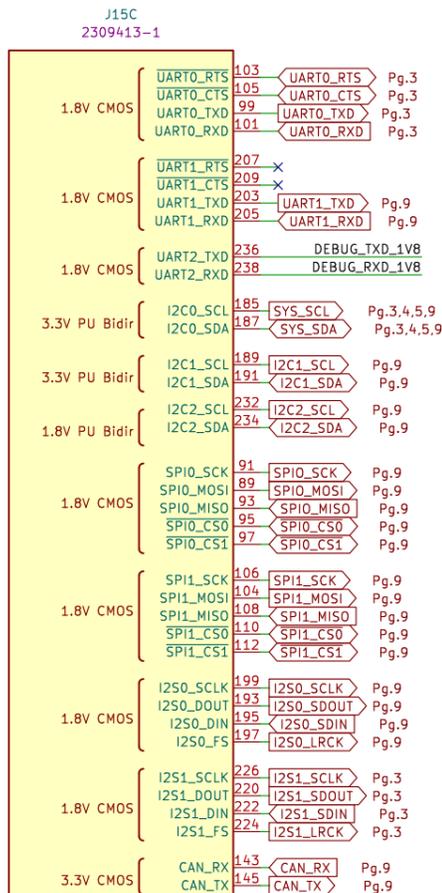


Miscellaneous

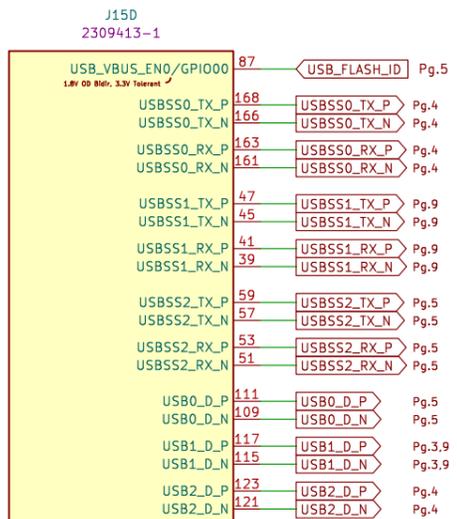
DEBUG UART LEVEL SHIFTER



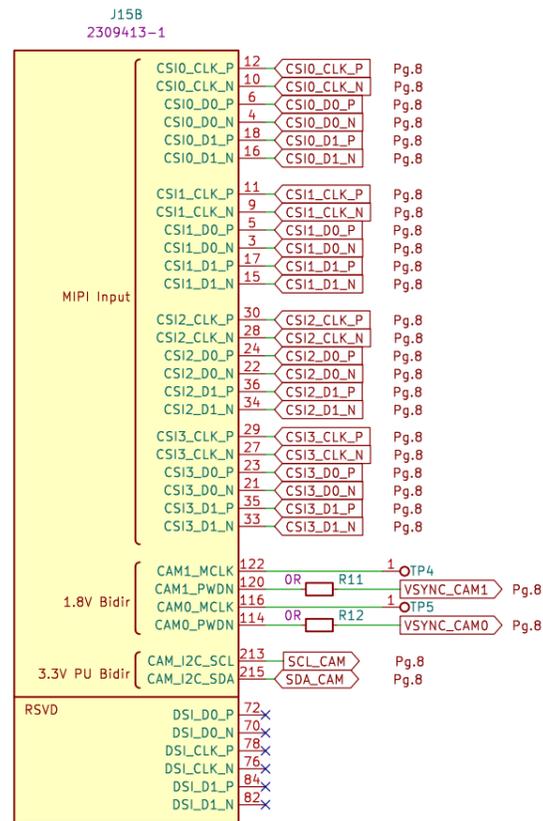
UART/I2C/SPI/I2S/CAN



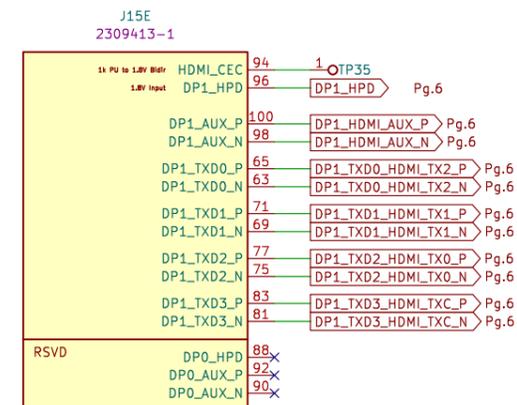
USB



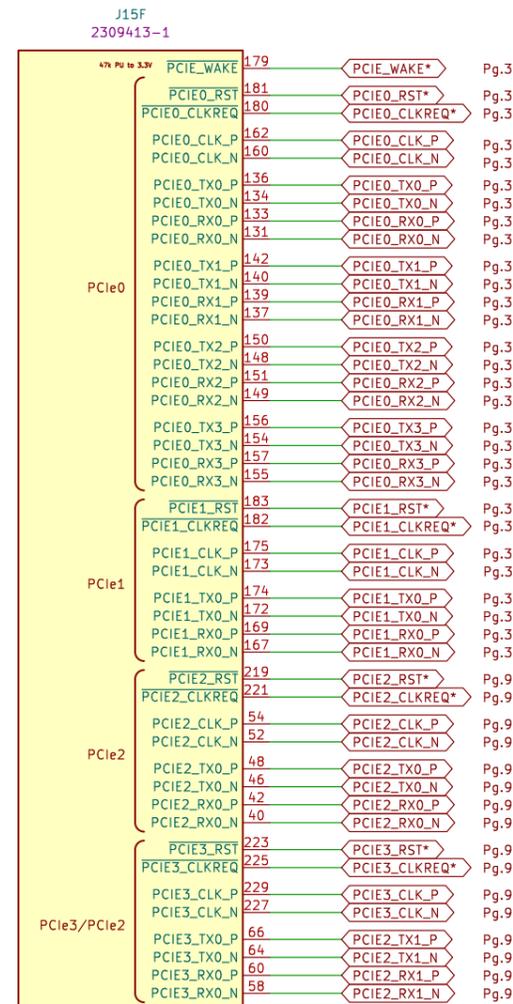
CSI



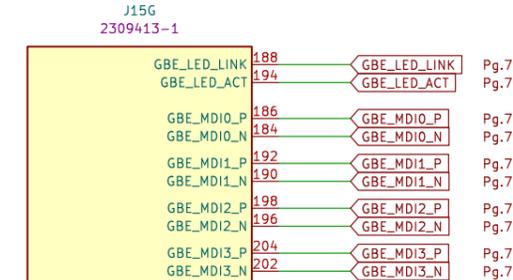
Video Output



PCIe



GbE



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Title: Jetson Orin Baseboard

Size: A3

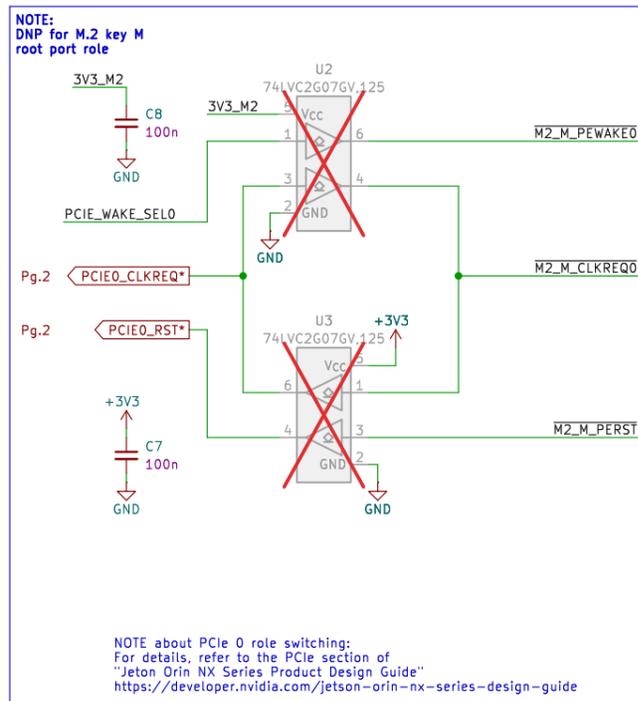
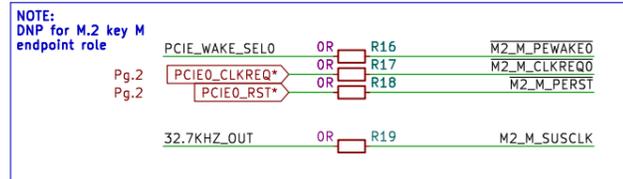
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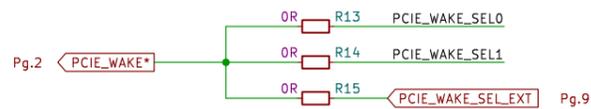
KiCad E.D.A. 9.0.7

Id: 2/10

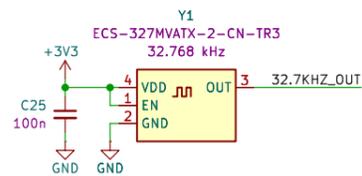
PCIe0 Root Port / Endpoint mode selector



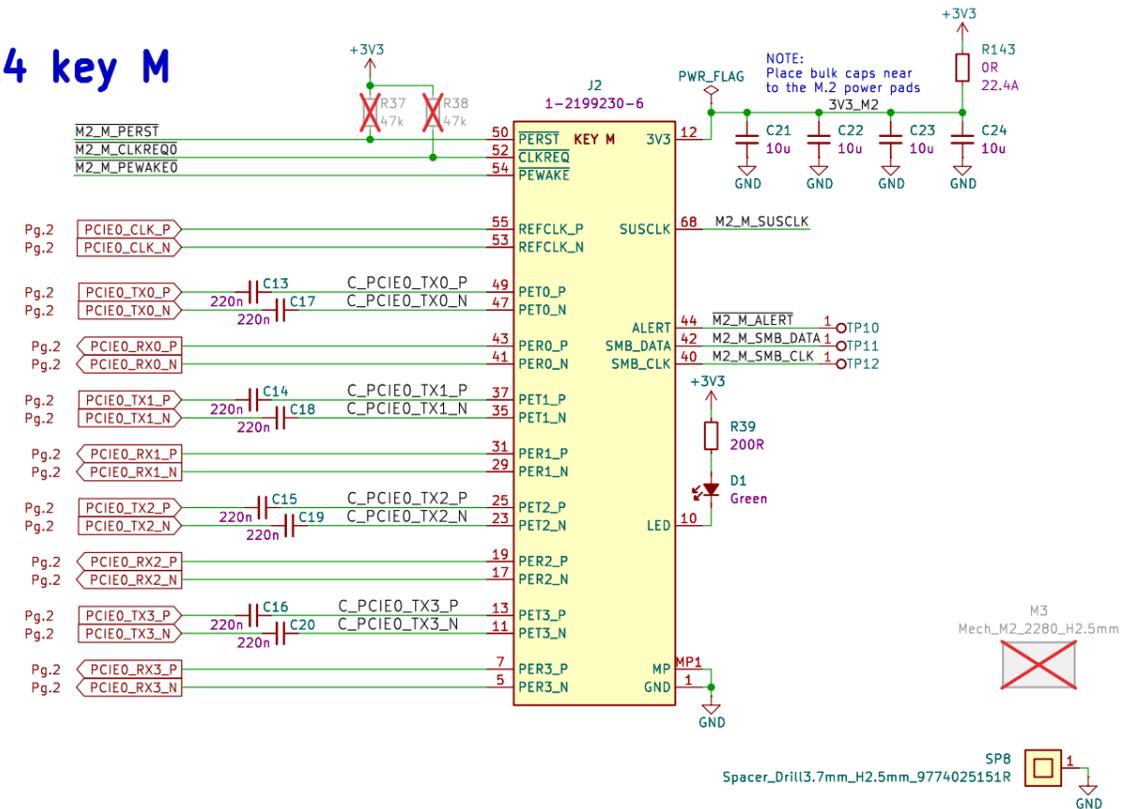
M.2 PCIe_WAKE selector



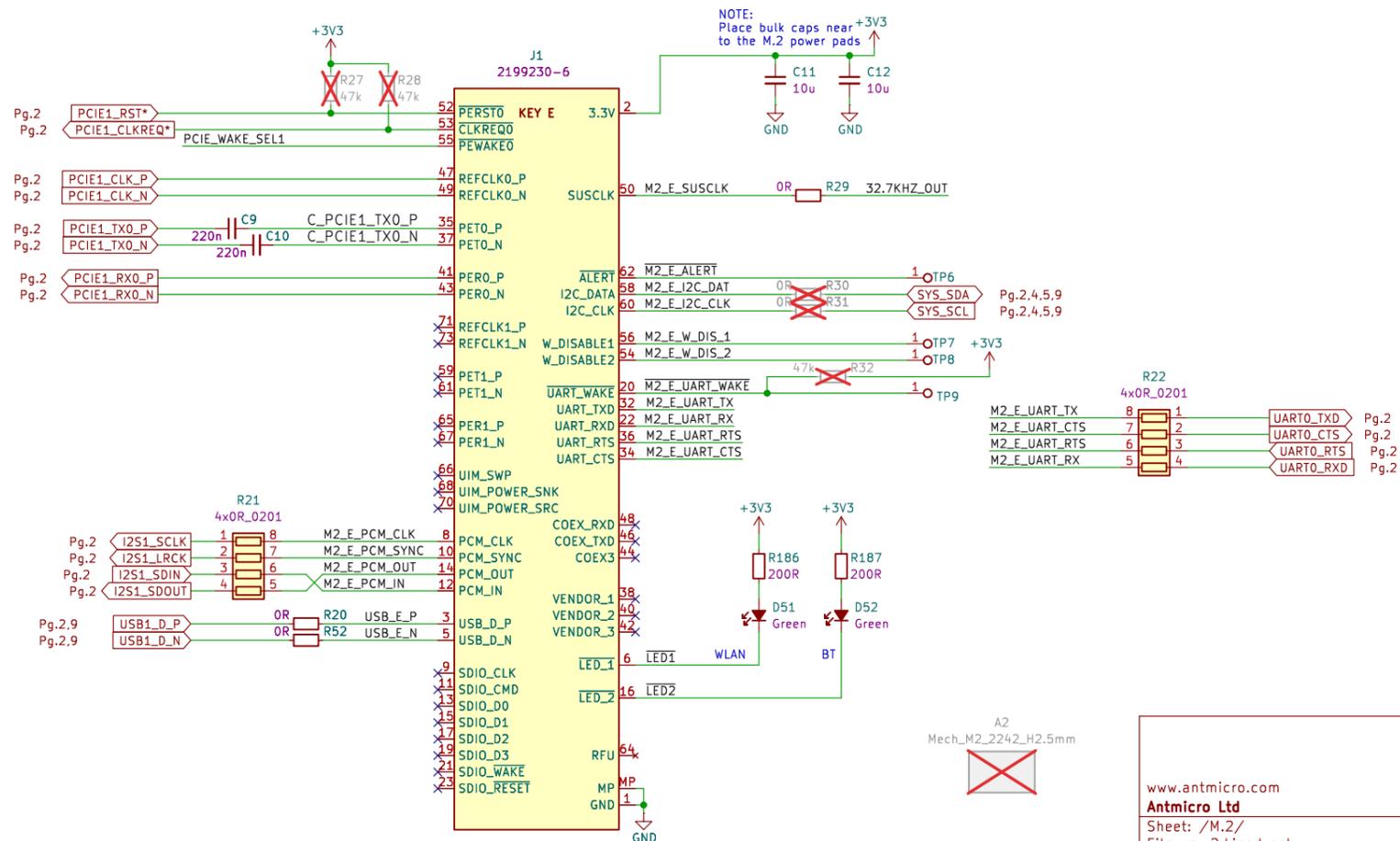
SUSCLK SOURCE



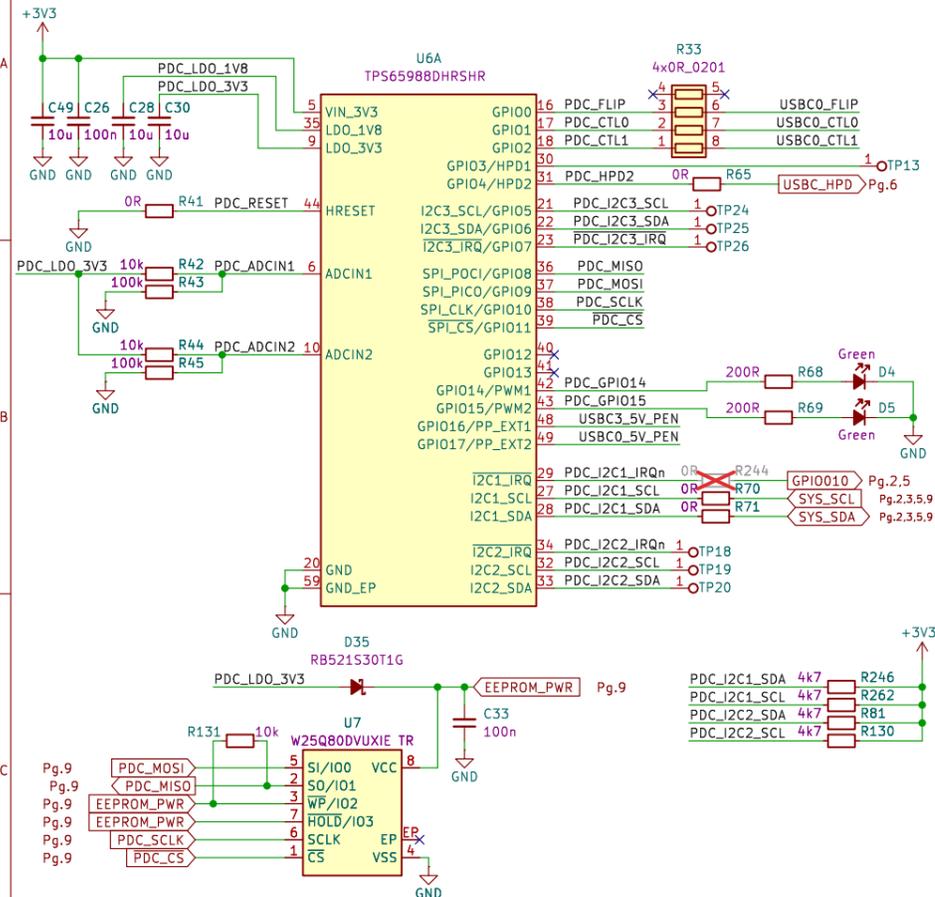
PCIe0 1x4 key M



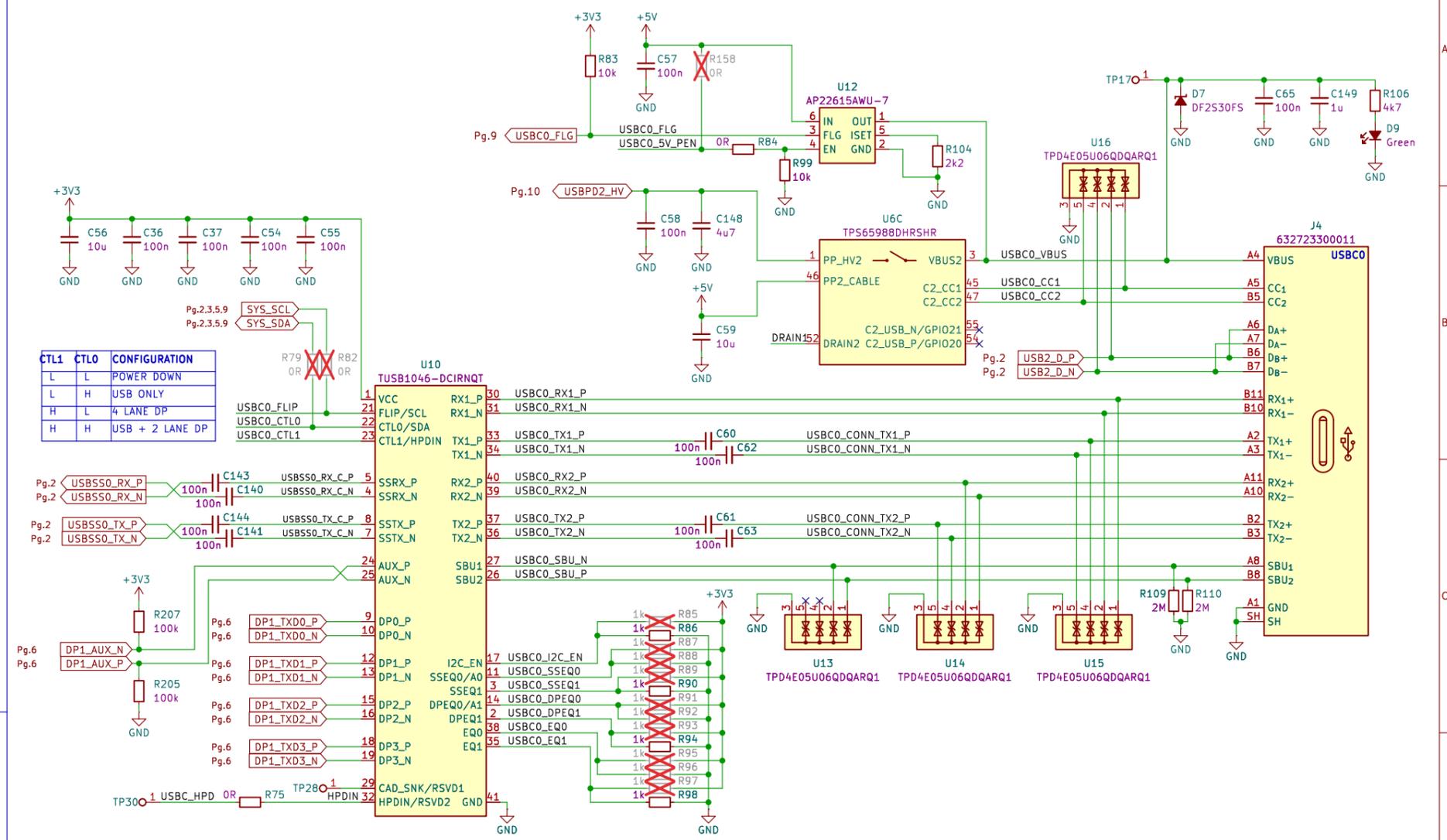
PCIe1 1x1 key E



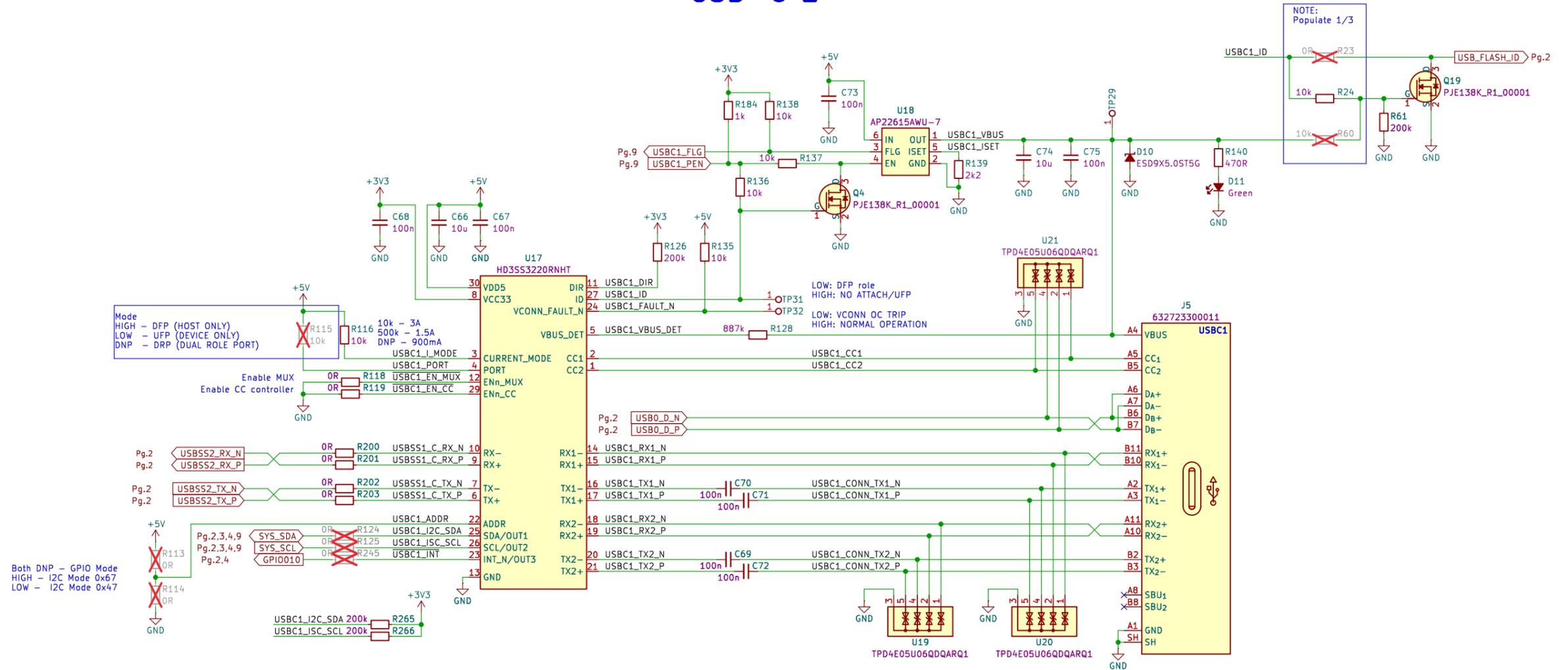
USB PD Controller



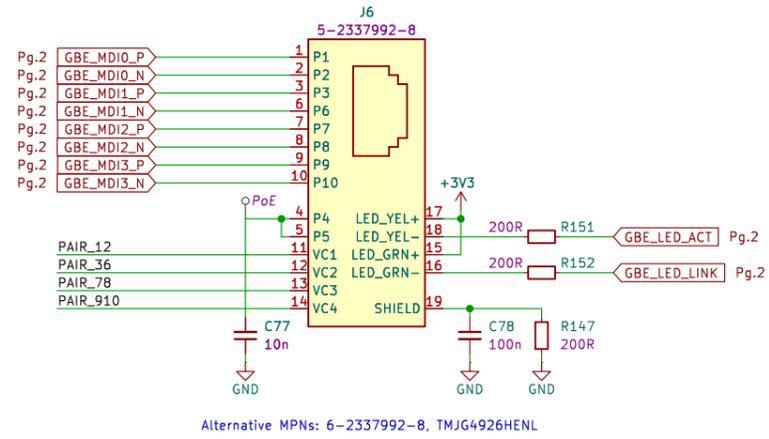
USB-C 0 Display Port alt mode USB-PD Source/Sink



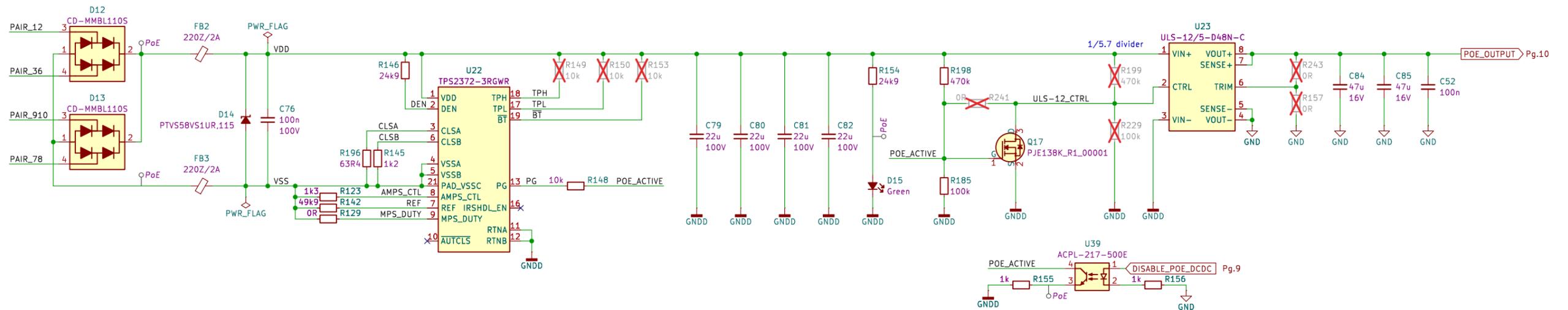
USB-C 1



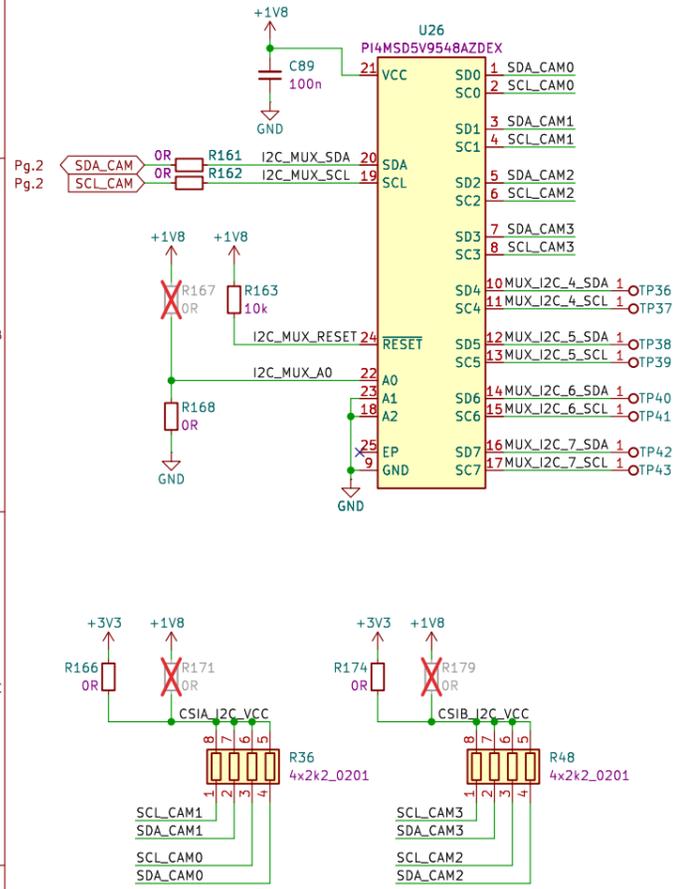
Ethernet Connector



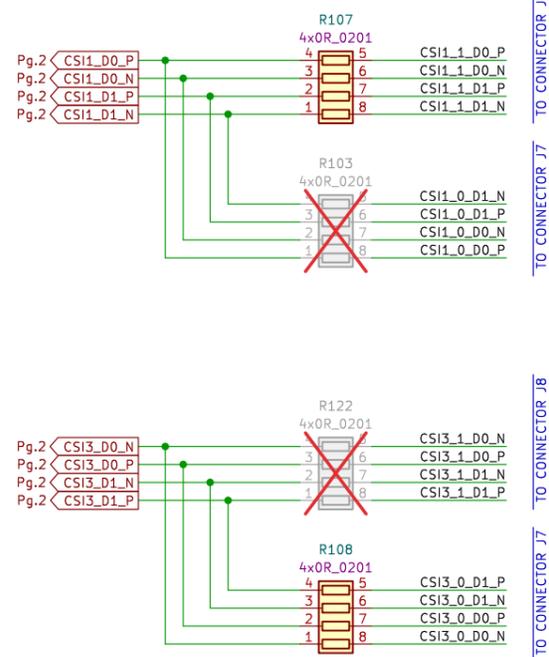
Power over Ethernet



I2C Mux



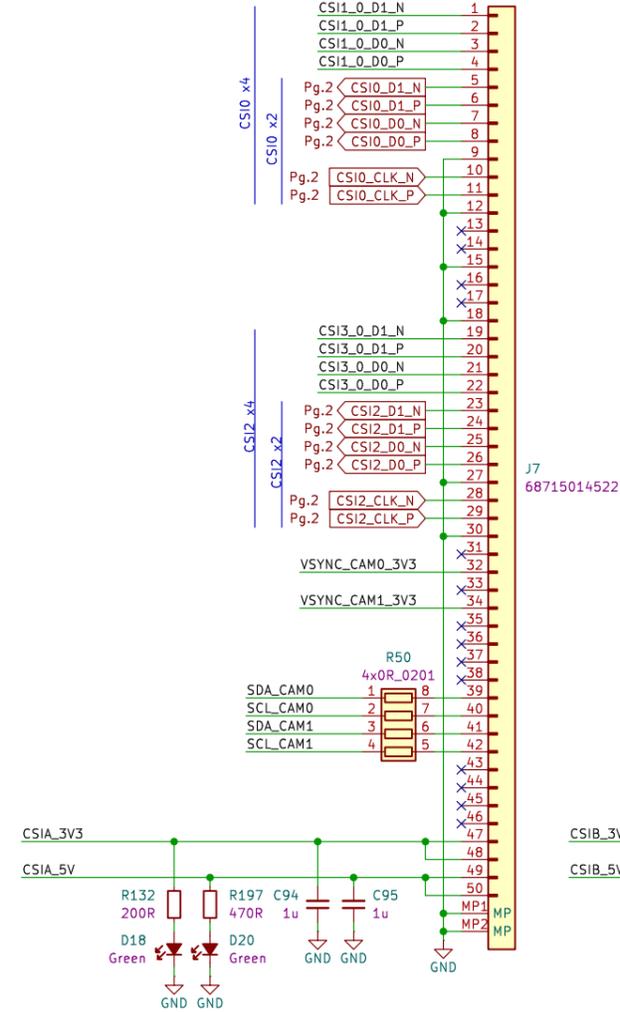
CSI Mux



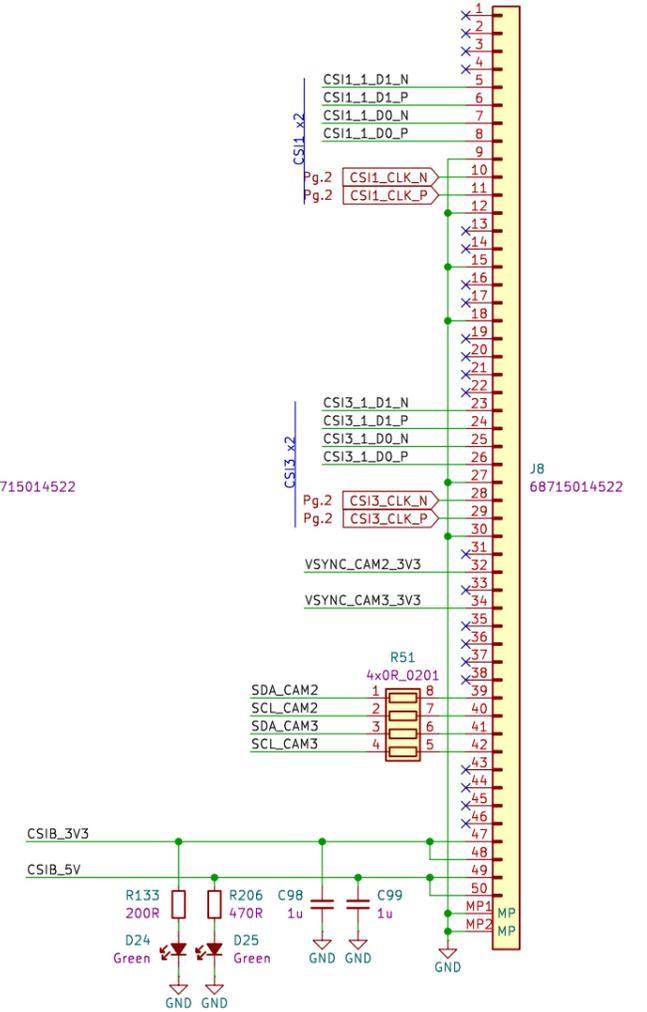
AVAILABLE CSI CONFIGURATIONS:

CONNECTOR J7	CONNECTOR J8
CSI0x4	NONE
CSI0x4	CSI3x2
CSI0x2	CSI2x4
CSI0x2	CSI1x2

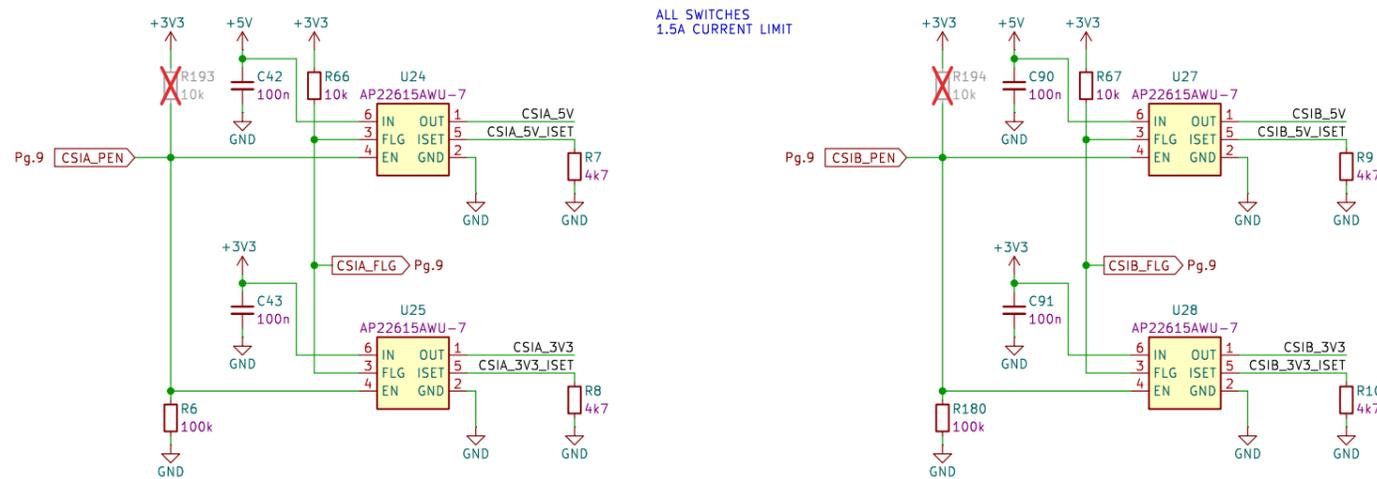
CSI connector J7



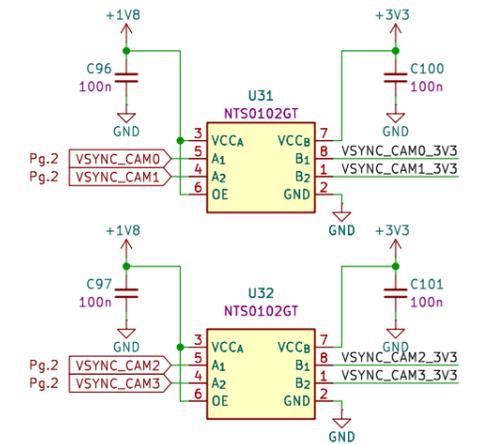
CSI connector J8



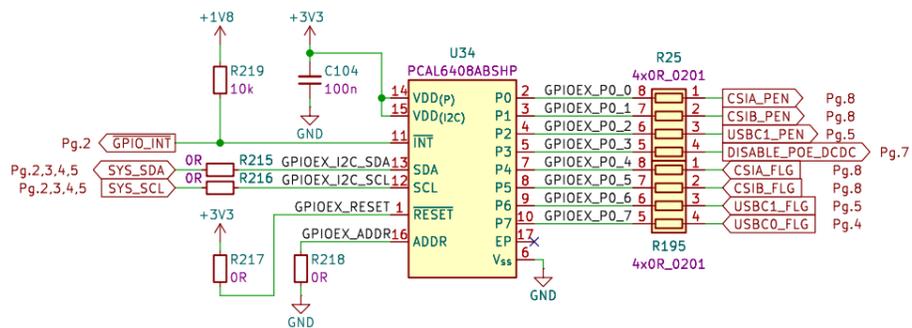
Power switches



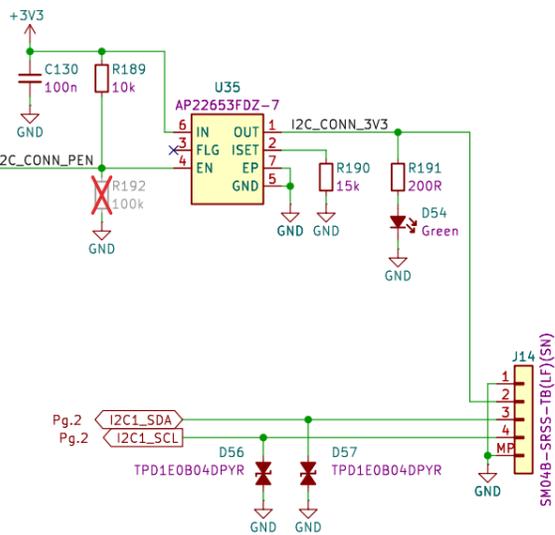
Level shifters



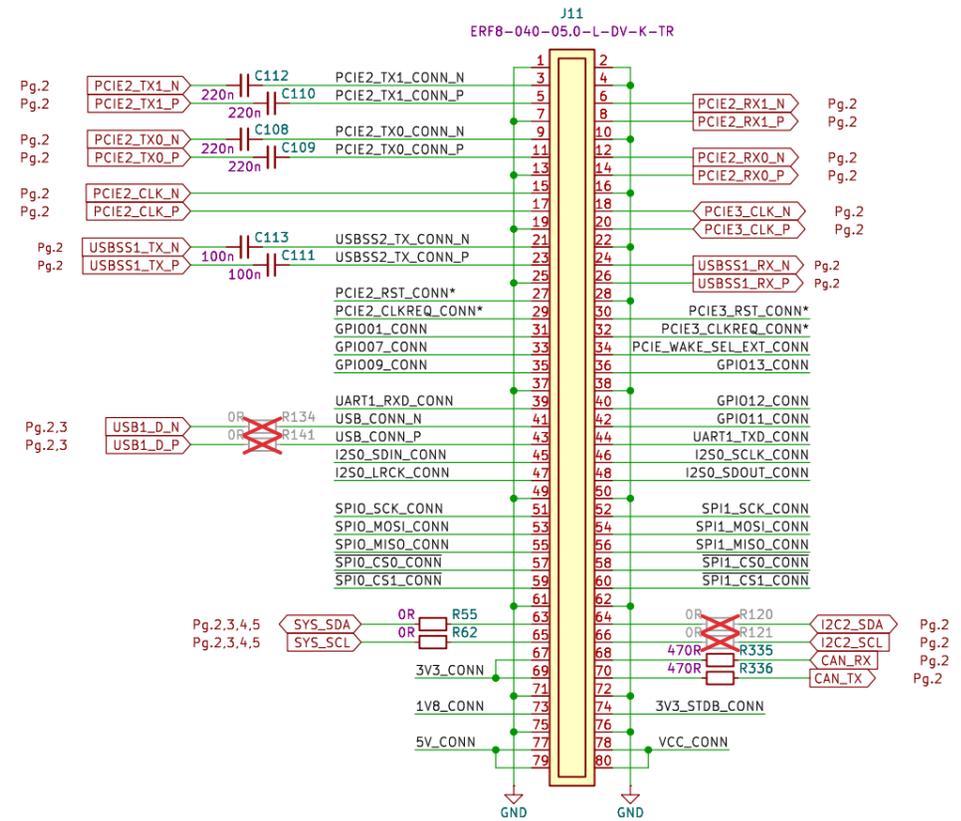
GPIO expander



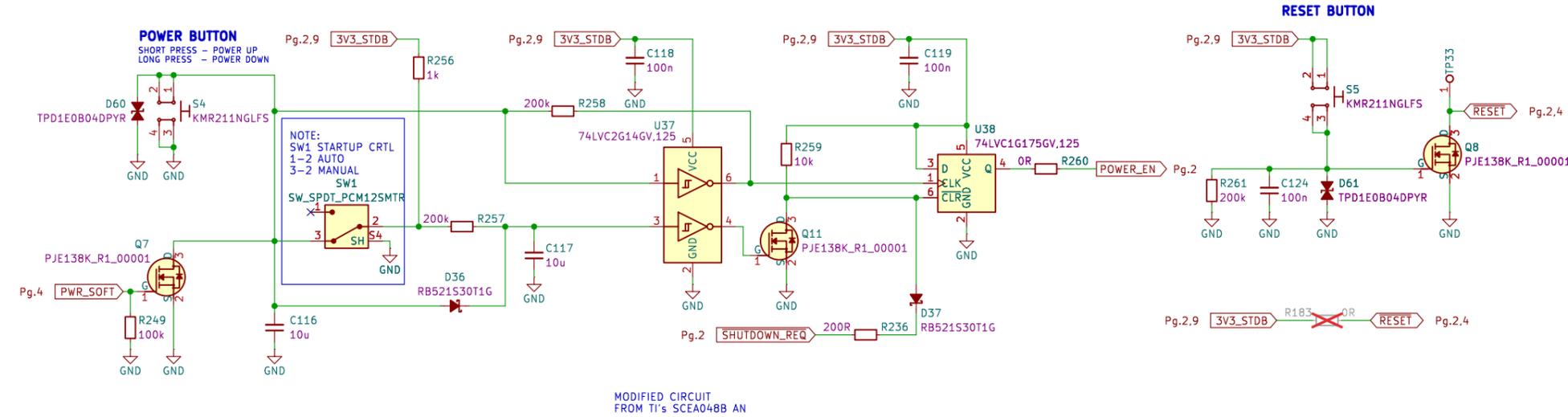
I2C connector



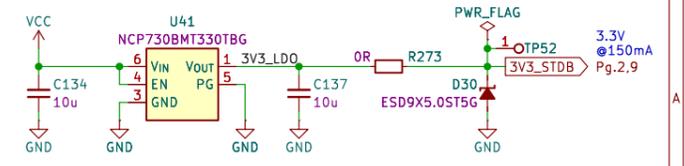
Expansion connector



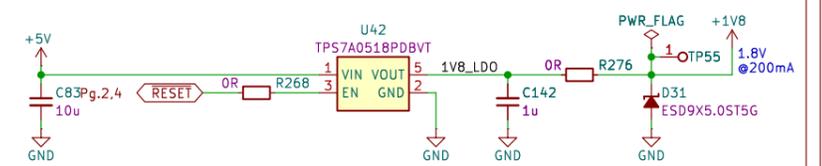
POWER-UP AND RESET CIRCUITRY



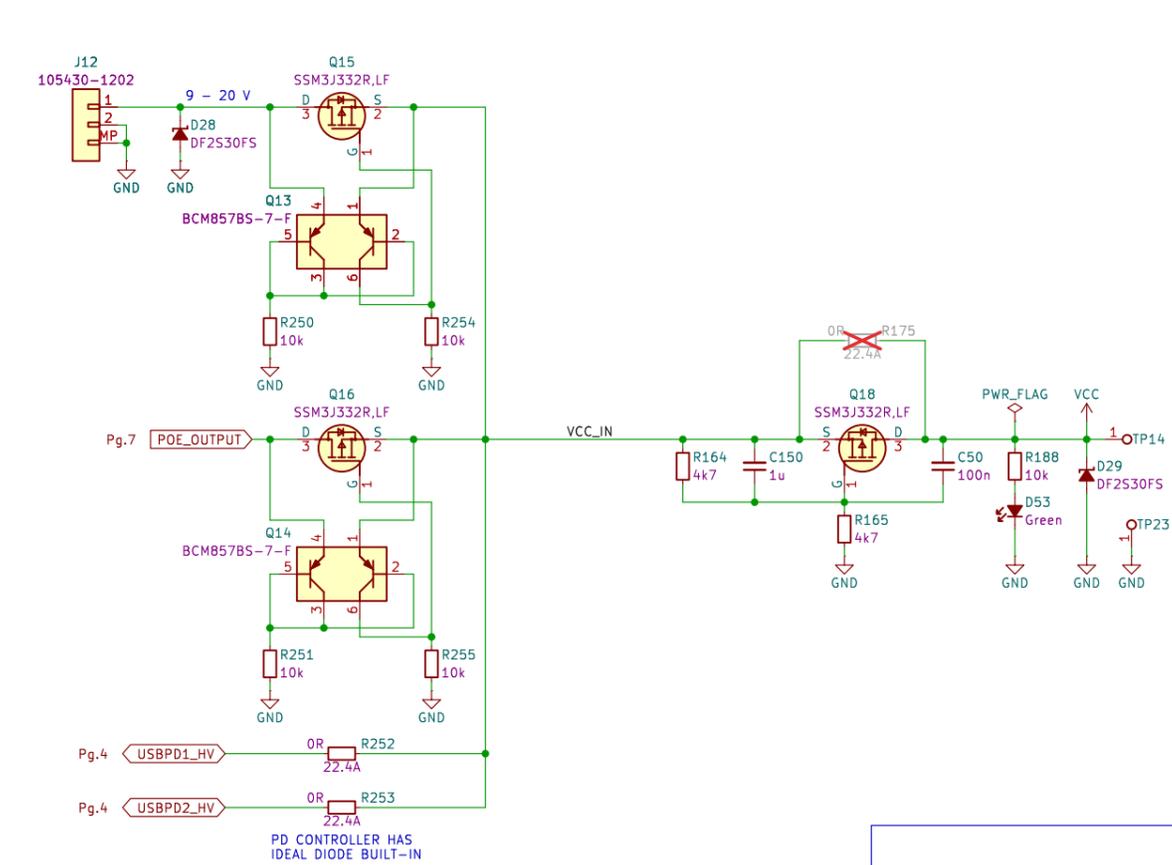
3V3 STANDBY LDO



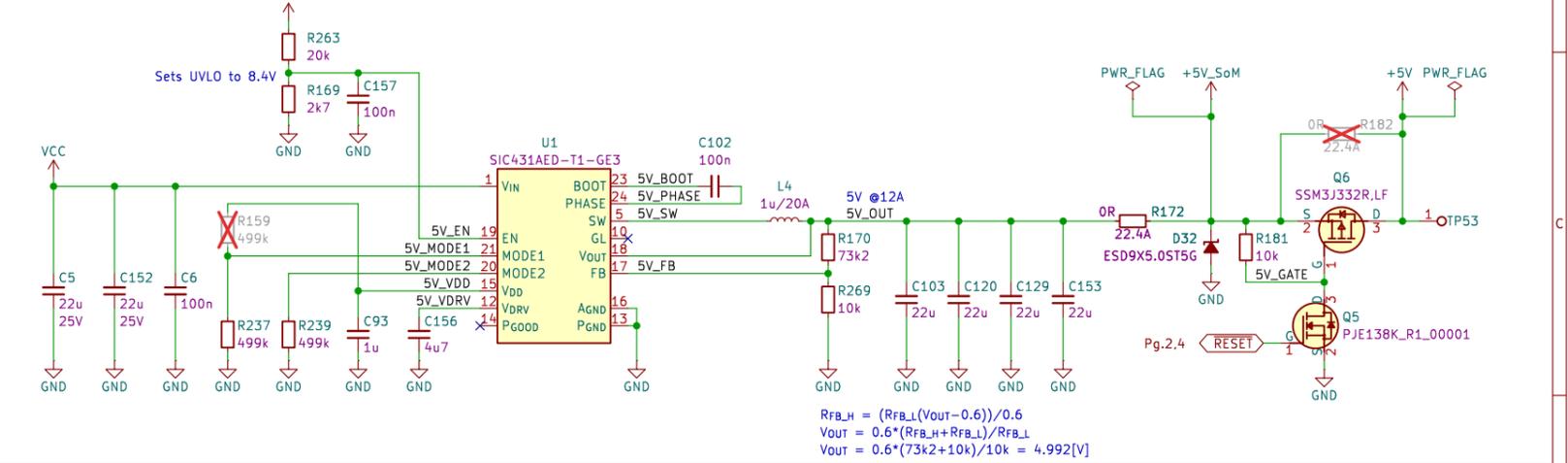
1V8 LDO



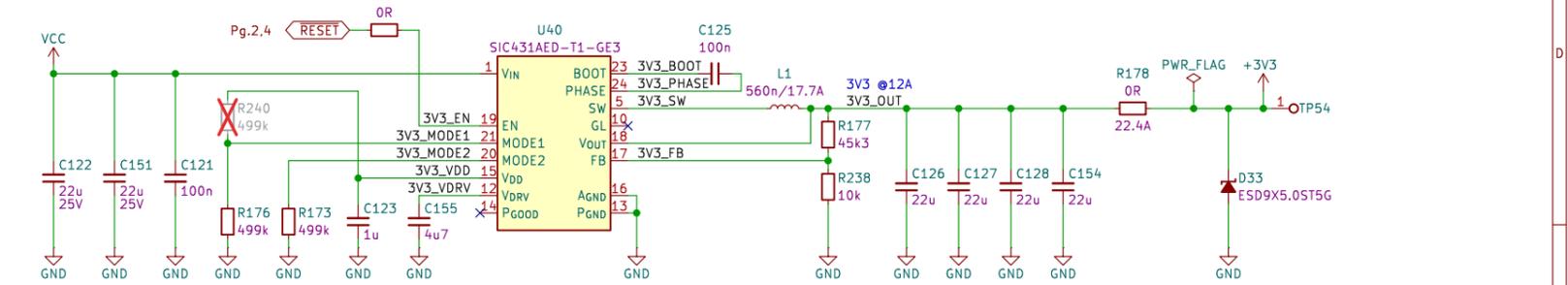
INPUT SELECTOR AND SOFT START



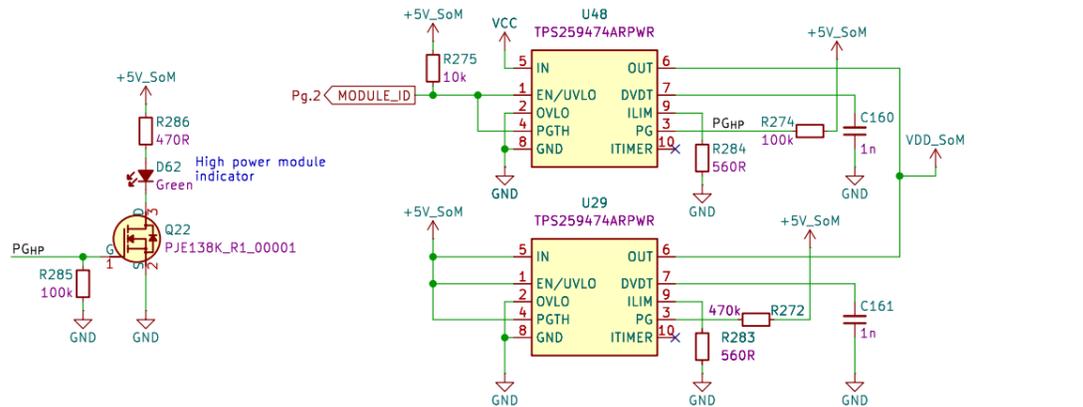
5V DCDC



3V3 DCDC



SoM supply selector



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Sheet: /Supply/

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Title: Jetson Orin Baseboard

Size: A3 Date: 2025-03-12

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Rev: 1.3.4:6d7510f1

Id: 10/10

