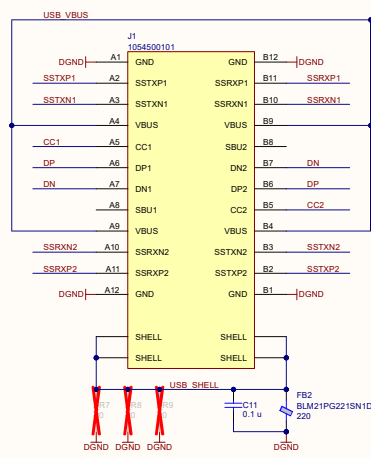
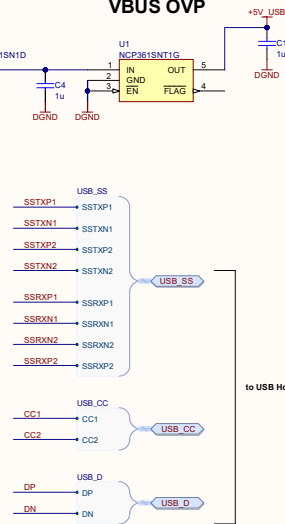


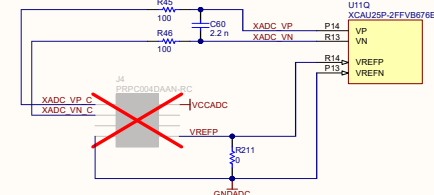
FrontPanel
USB Type C Connector



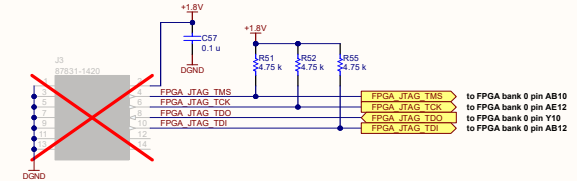
VBUS OVP



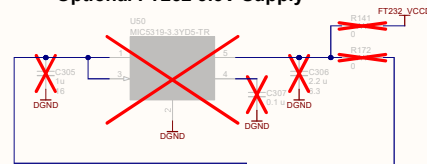
SYSMON Header



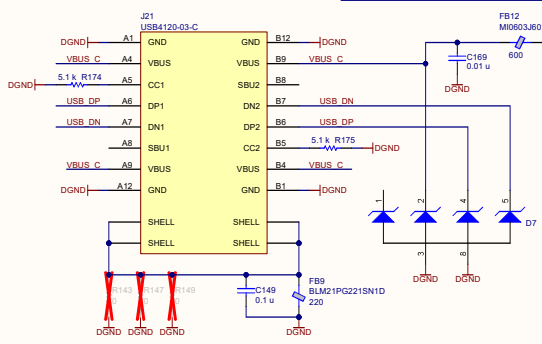
JTAG Connector



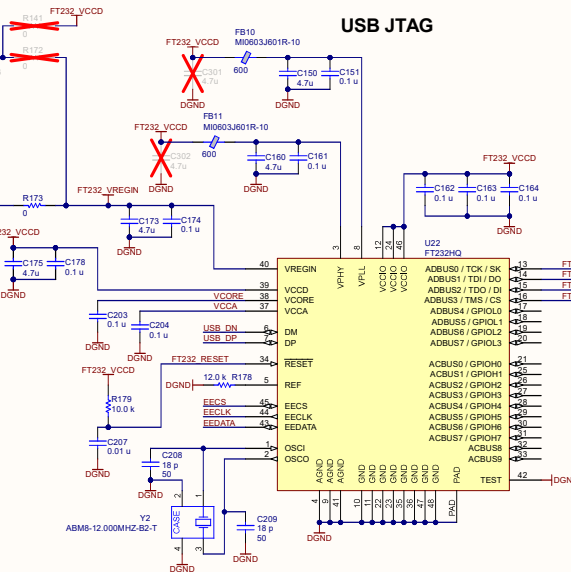
Optional FT232 3.3V Supply



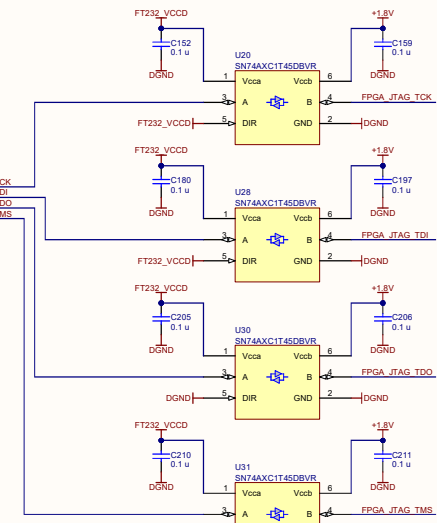
JTAG
USB Type C Connector



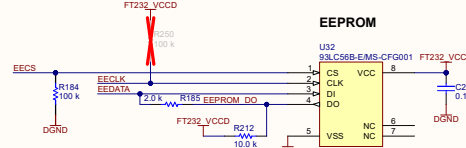
USB JTAG

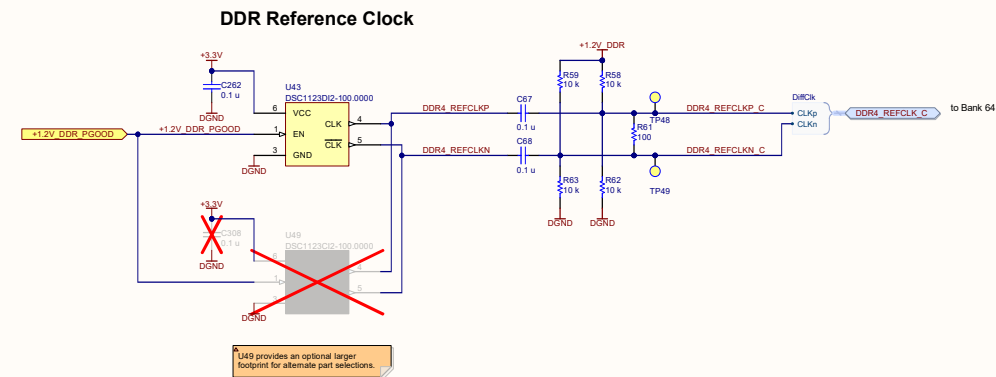


Level Shifters

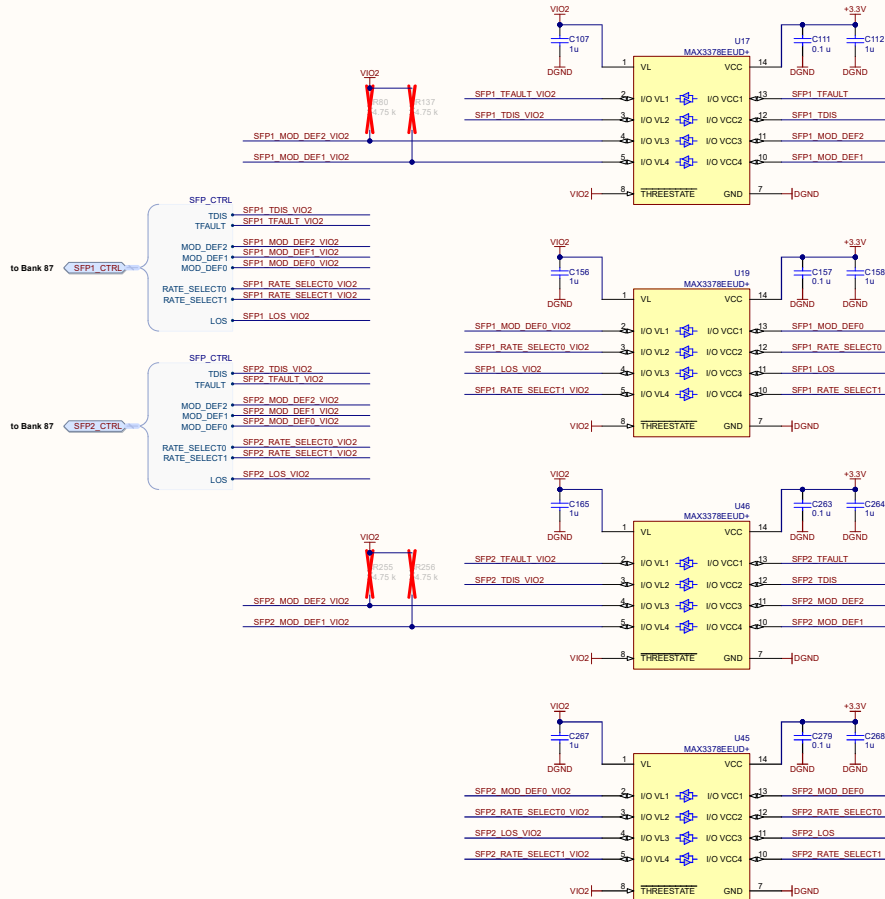


EEPROM

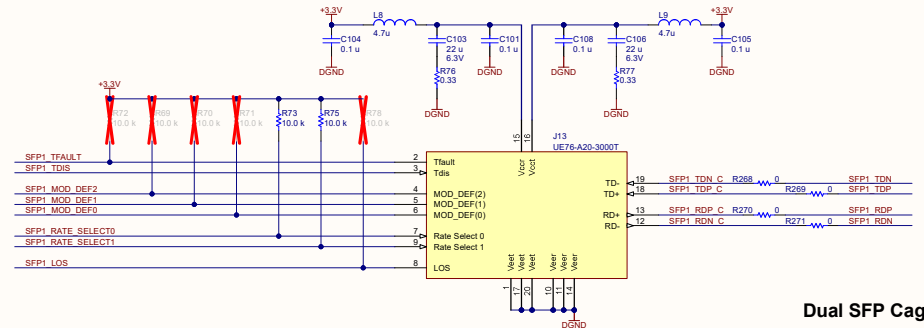




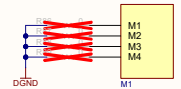
SFP Level Translators



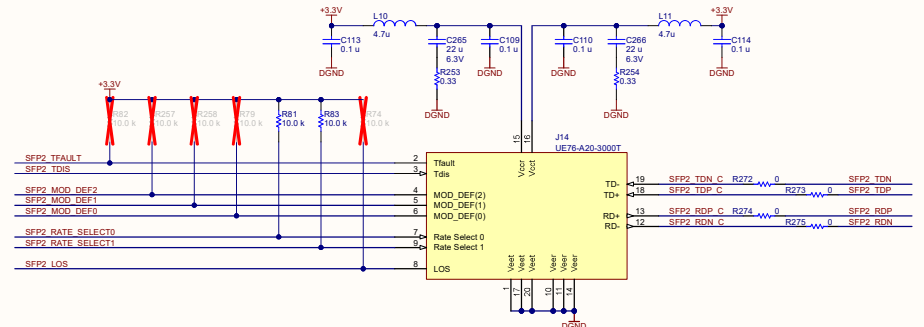
SFP+ Transceiver 1



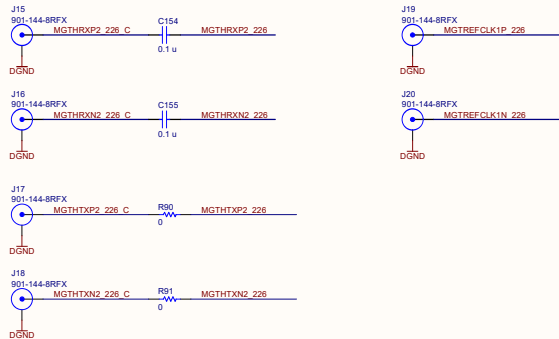
Dual SFP Cage



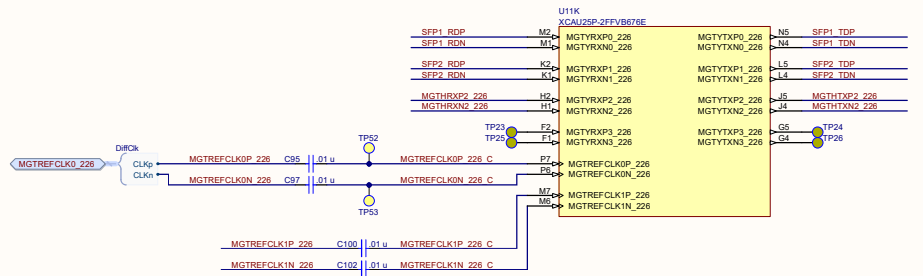
SFP+ Transceiver 2



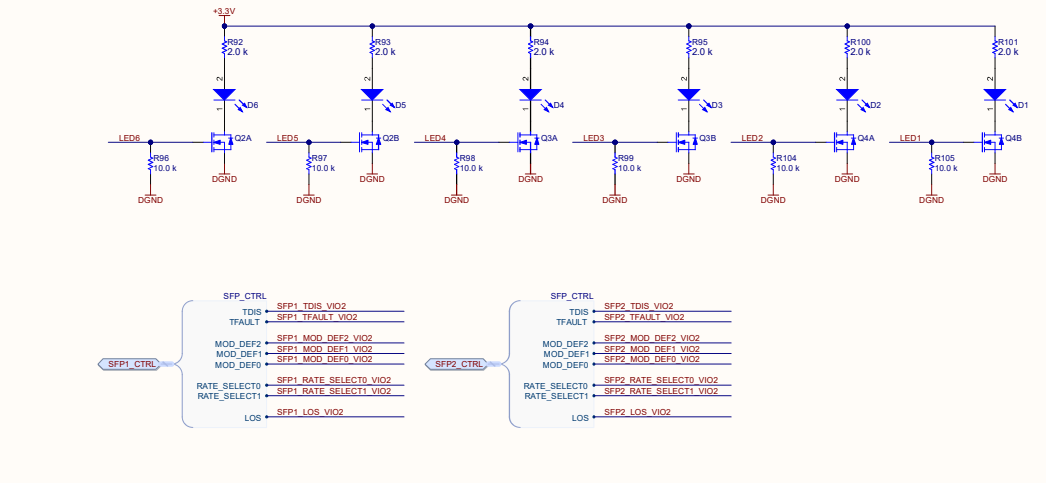
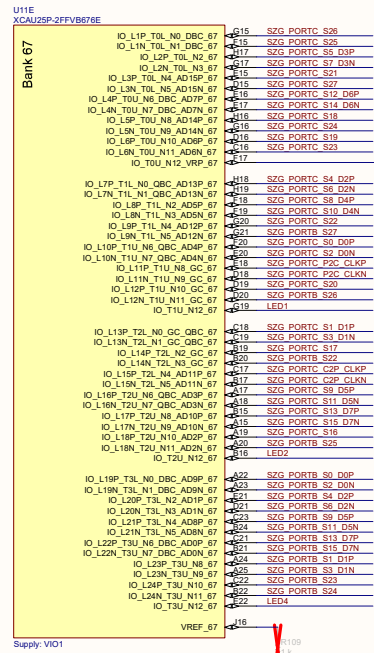
SMA Connectors



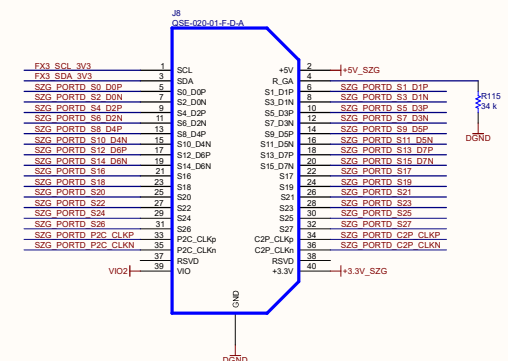
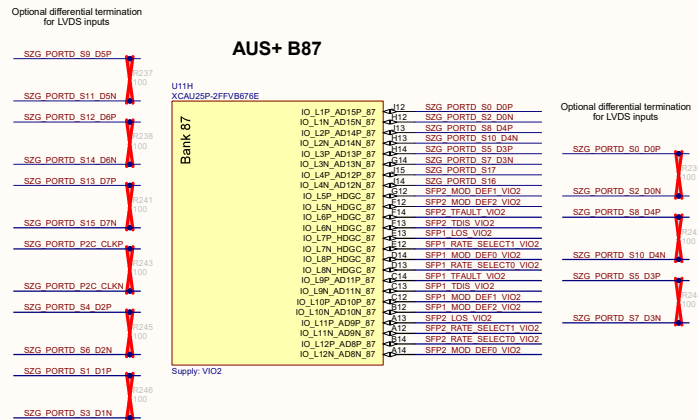
AUS+ Bank 226



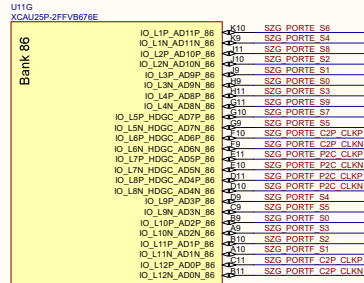
User LEDs



AUS+ B87

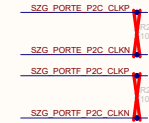


AUS+ Bank 86

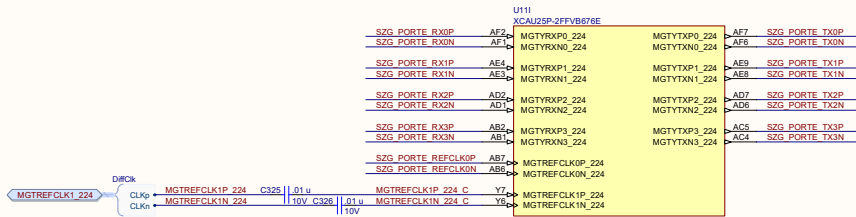


Supply: VIO3

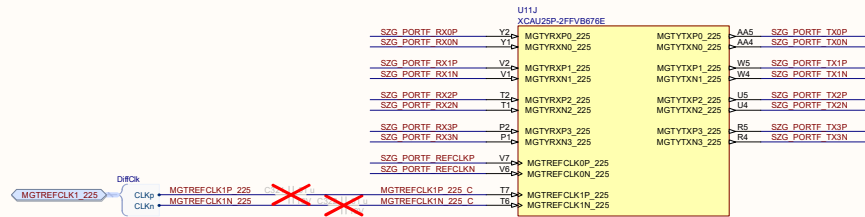
Optional differential termination
for LVDS inputs



AUS+ Bank 224



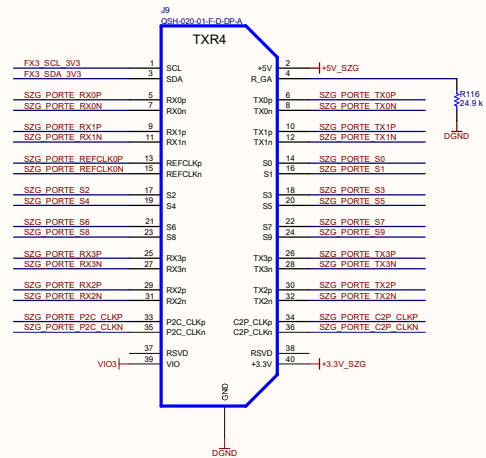
AUS+ Bank 225



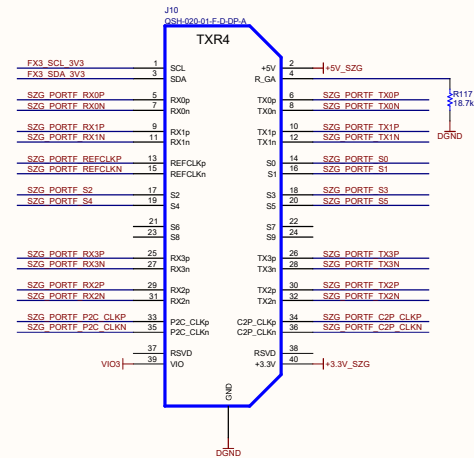
The SYZYGY I2C port is intended for
SYZYGY device detection only. Do not place
other I2C controllers or non SYZYGY
compliant devices on the bus.

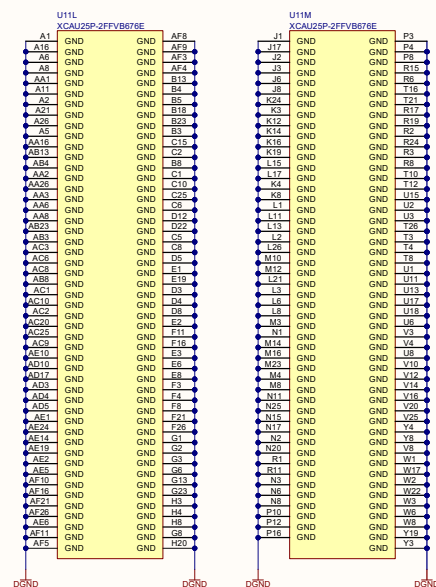
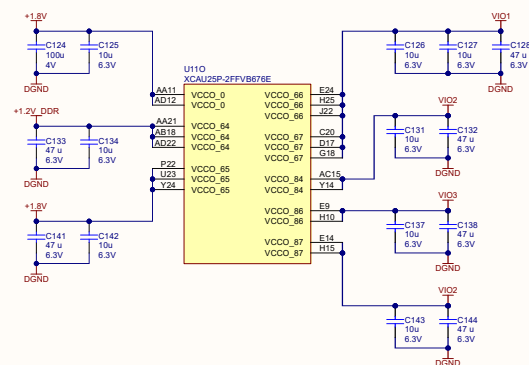


SYZYGY PORT E (VIO3)

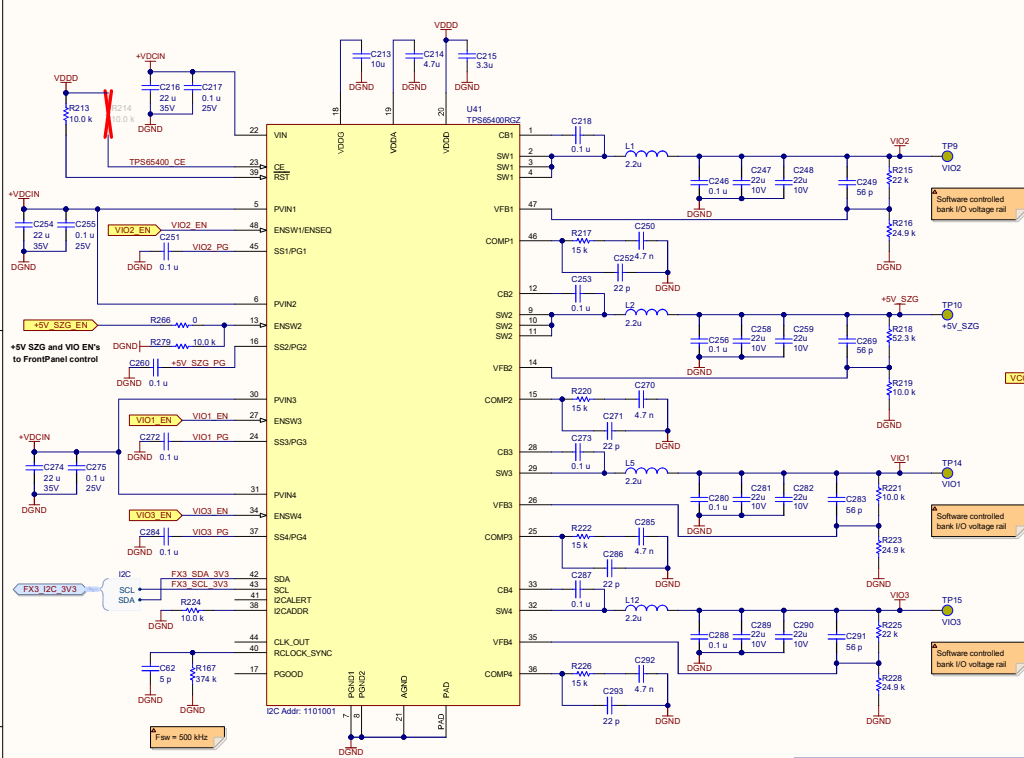


SYZYGY PORT F (VIO3)

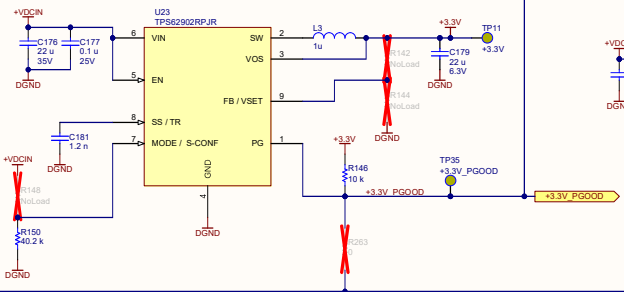




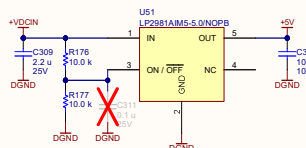
VIO and +5V_SZG Supplies



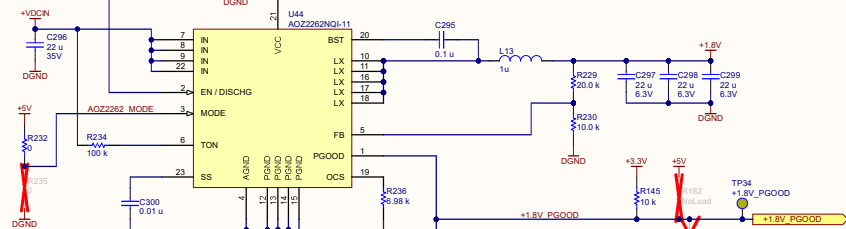
+3.3V Step-Down
2 A



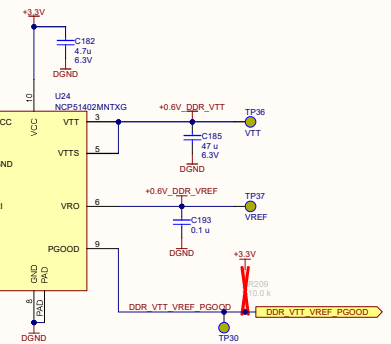
+5V LDO
100 mA



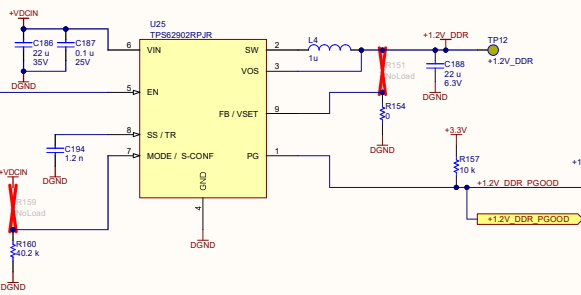
+1.8V Step-Down
8 A



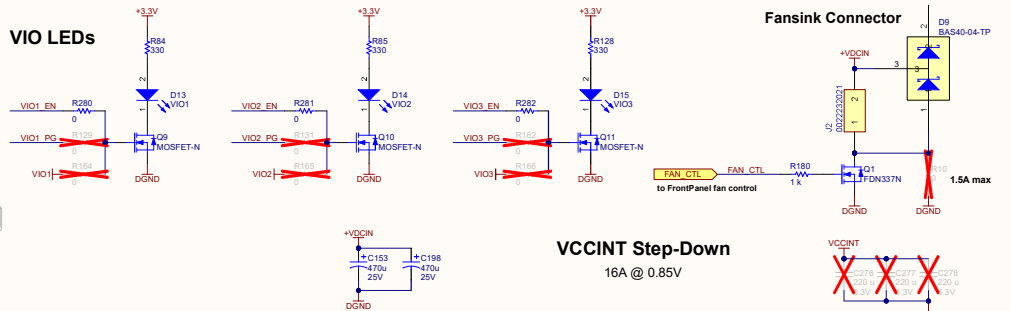
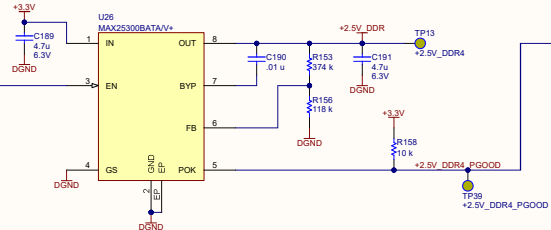
DDR4 VTT / VREF



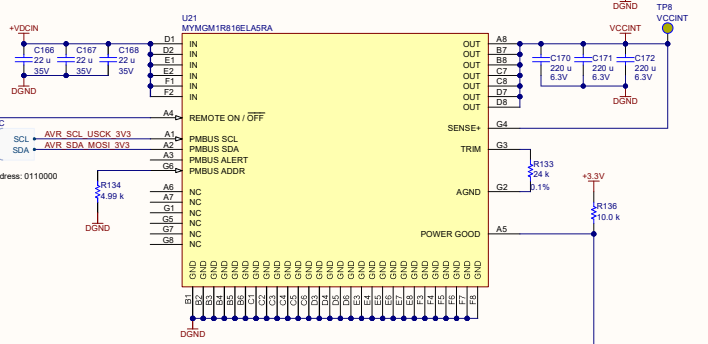
DDR4 Core
2 A @ 1.2 V



DDR4 VPP
500 mA @ 2.5 V



VCCINT Step-Down



Barrel Jack

5A max
2.5 / 5.1 mm

8-14 VDC

6-pin Mini-Fit

24A max

Reverse/Overvoltage Protection

Power Switch

MGTAVCC LDO

3 A @ +0.9V

MGTAVTT LDO

3 A @ +1.2V

POWER-GOOD LED

MGTVCCAUX LDO

500 mA @ +1.8V

+5V Step-Down - SYZGY

4.5 A

+3.3V Step-Down - SYZGY

4.5 A

INPUT POWER LED

