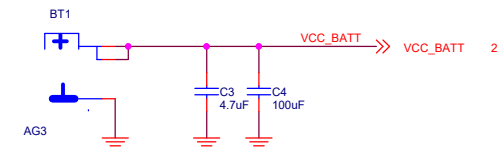
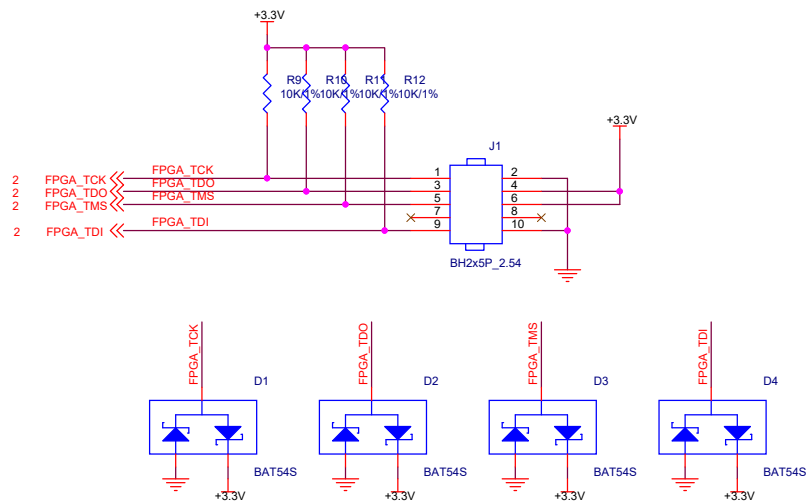


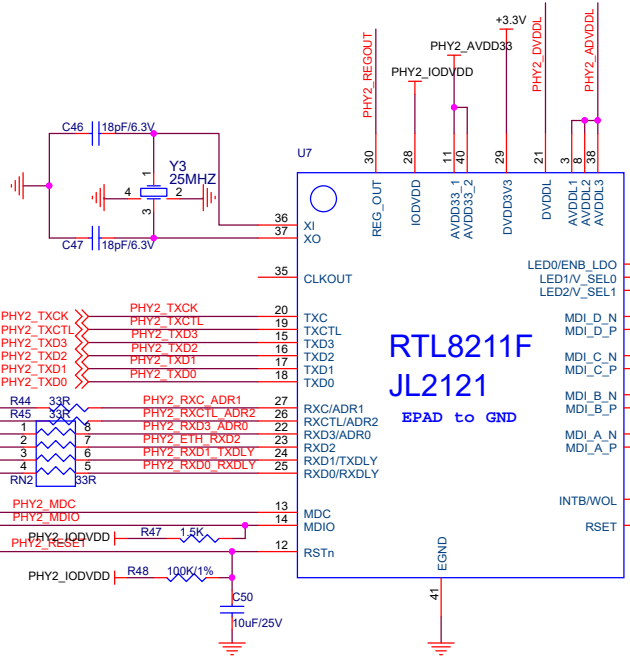
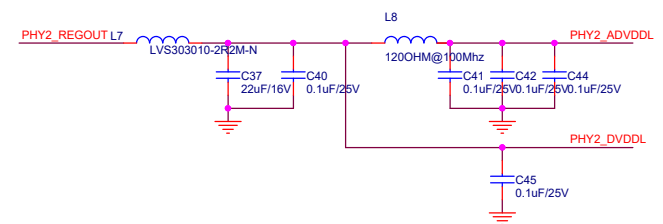
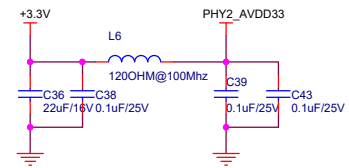
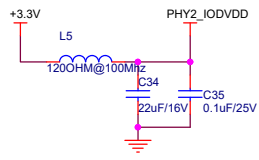
MODE[3:0]	BOOT MODE	Descritpion
0000	PS JTAG	PS JTAG Interface
0001	Quad_SPI(24b)	24-Bit addresssing(QSPI24)
0010	Quad_SPI(32b)	32-Bit addresssing(QSPI32)
0011	SD0(2.0)	SD2.0
0100	NAND	Requires 8-bit data bus width
0101	SD1(2.0)	SD2.0
0110	eMMC(1.8V)	eMMC version 4.5 at 1.8V
0111	USB0(2.0)	USB 2.0 only
1000	PJTAG(MIO #0)	PJTAG connection 0 option
1001	PJTAG(MIO #1)	PJTAG connection 1 option
1110	SD1 LS(3.0)	SD 3.0

## JTAG Connector



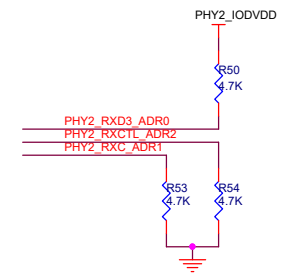
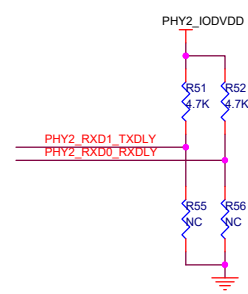
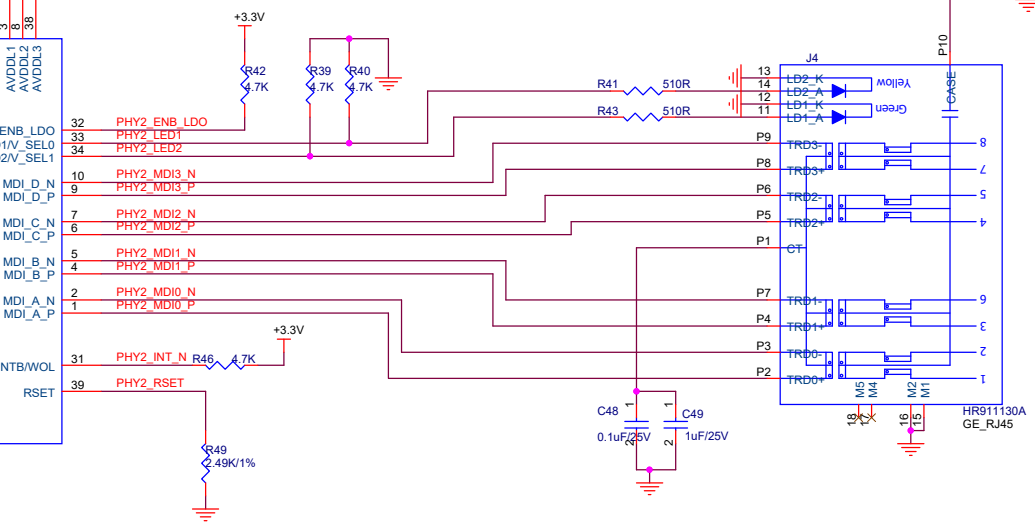




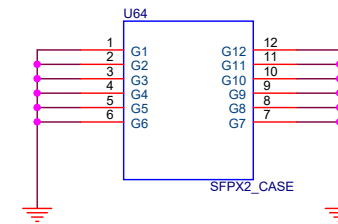
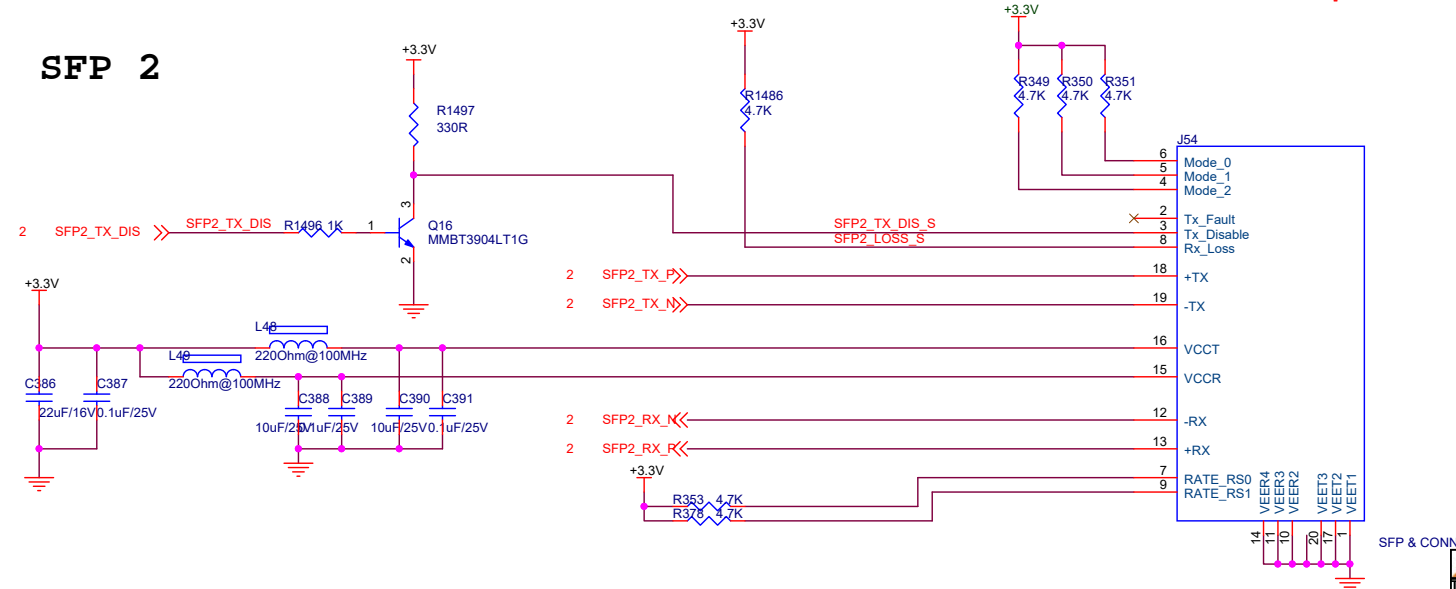
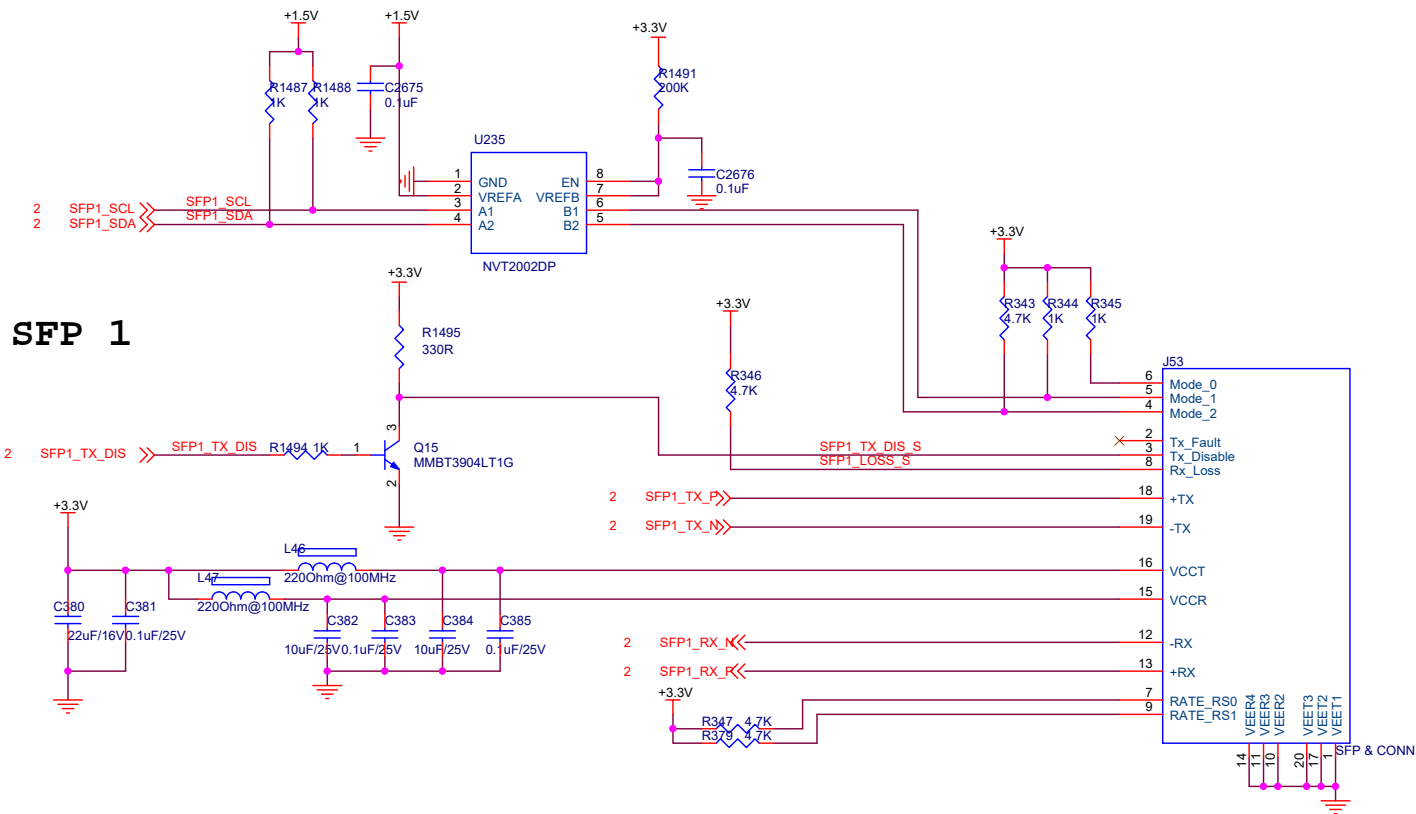


Disable internal LDO  
V\_SEL=11: RGMII IO Voltage is 3.3V

Ethernet Port

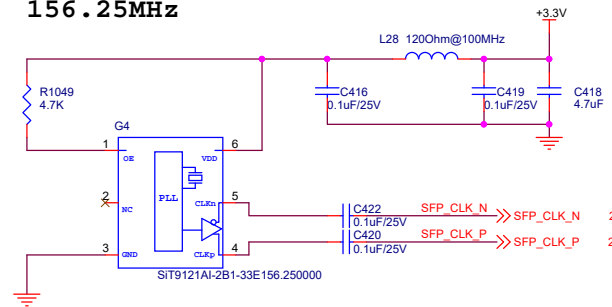


PHY Address is 001



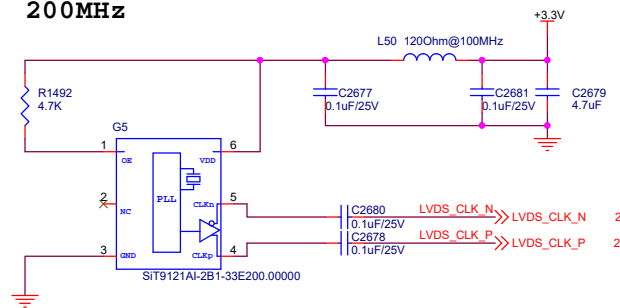
## 156.25Mhz for SFP

156.25MHz



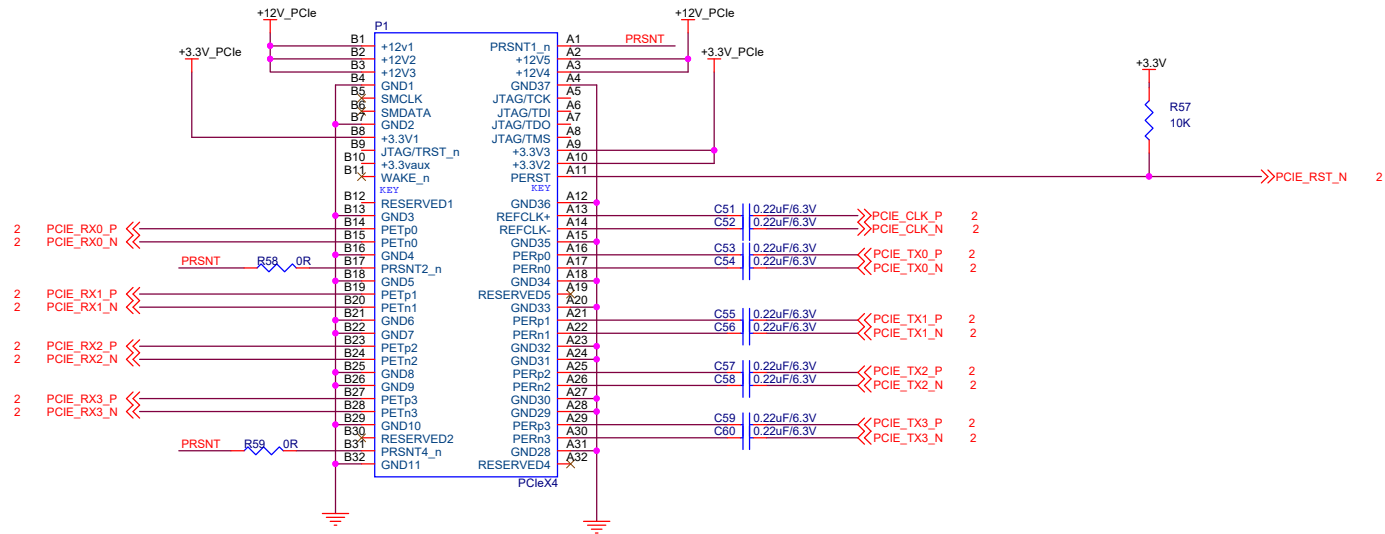
## 200Mhz for LVDS

200MHz

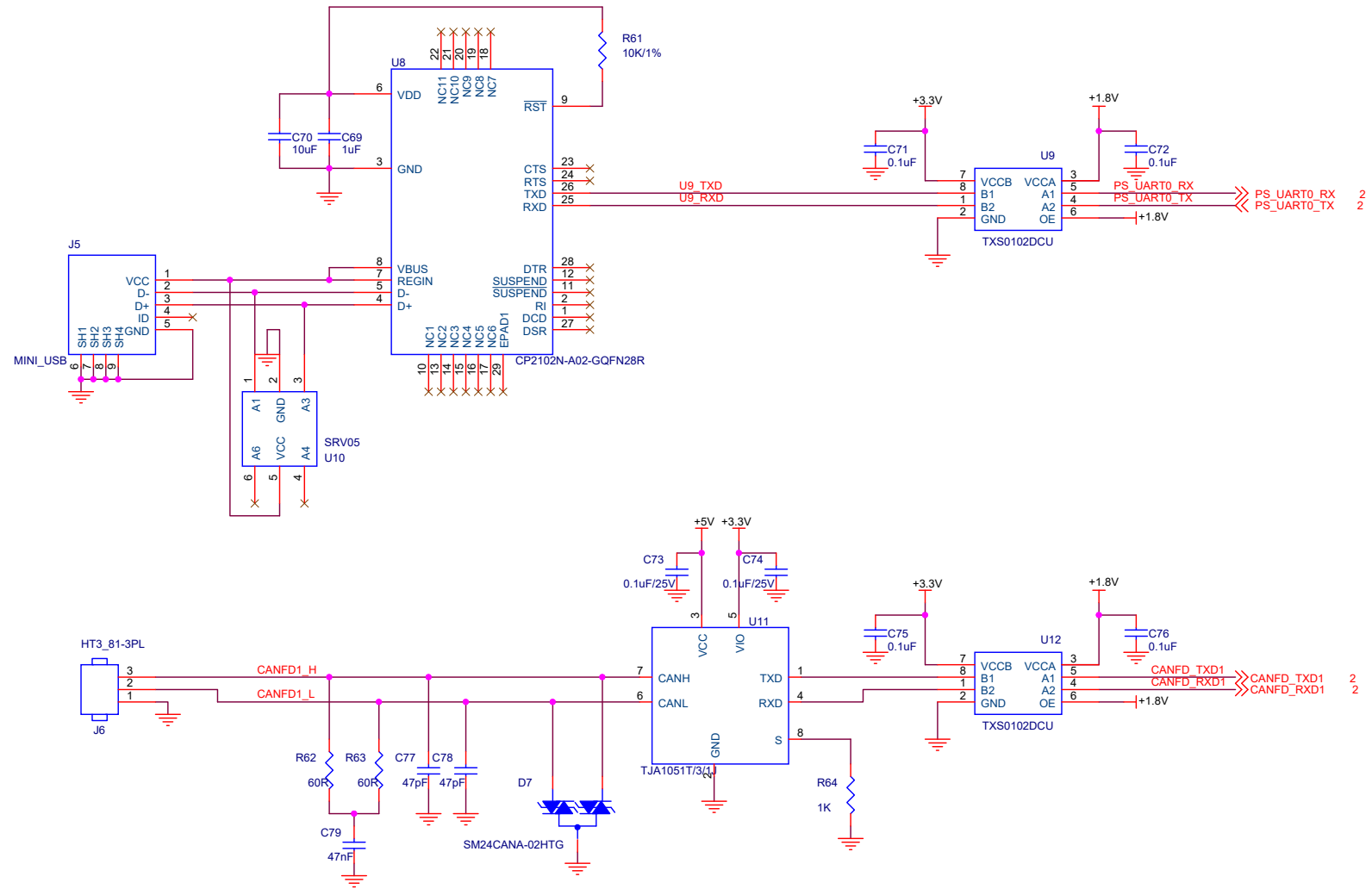




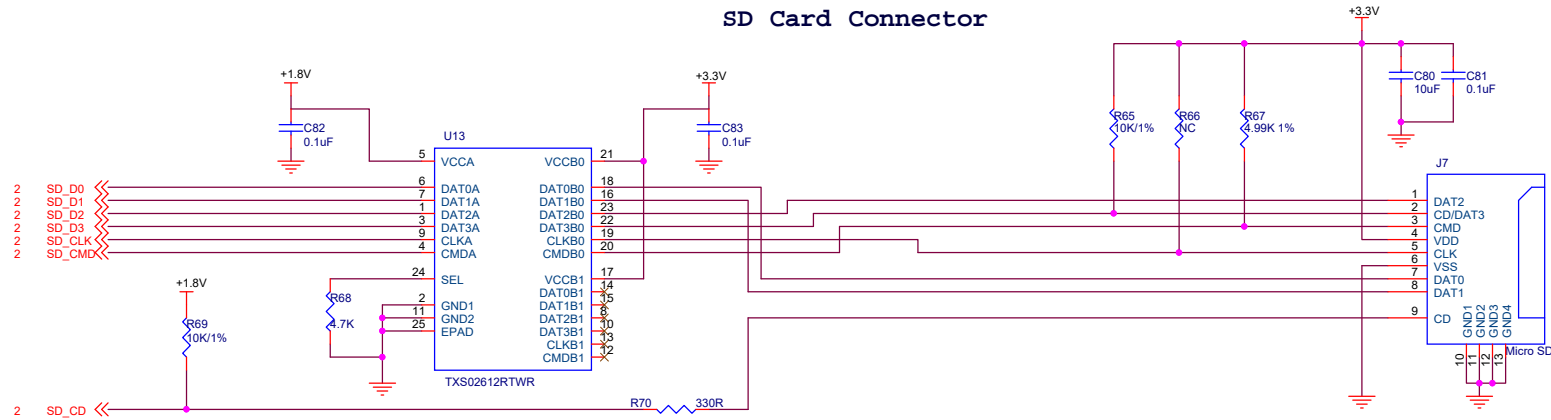
## PCIE X4 SLOT



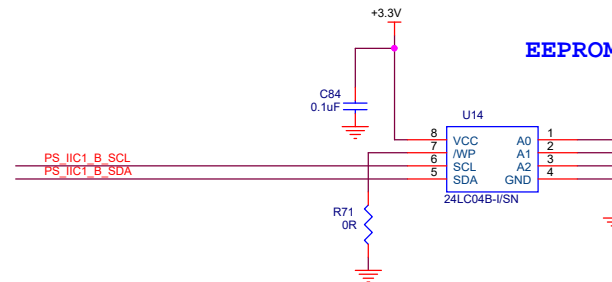
# PS UART PORT



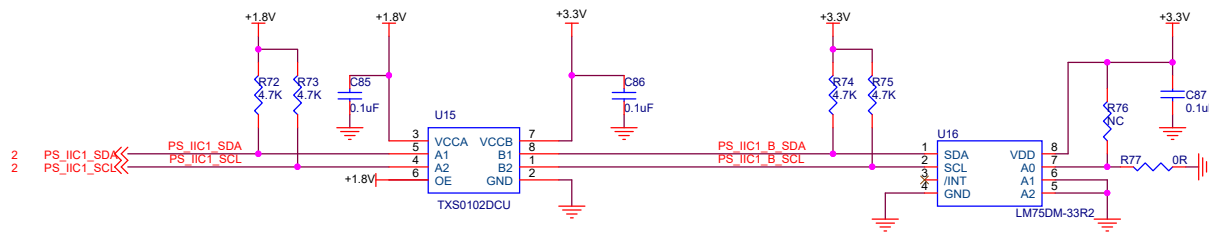
## SD Card Connector

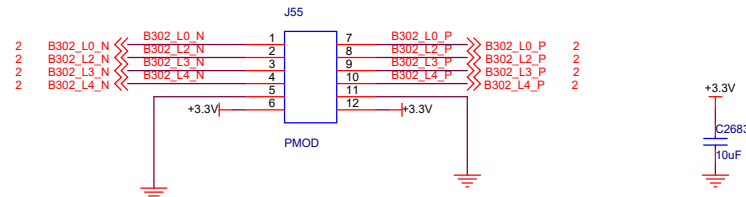
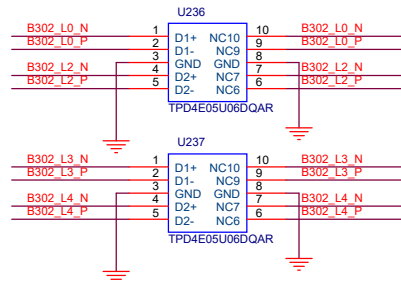
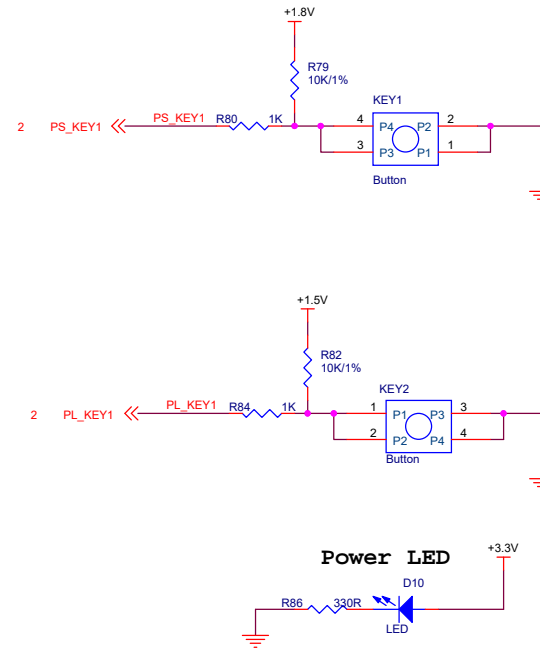
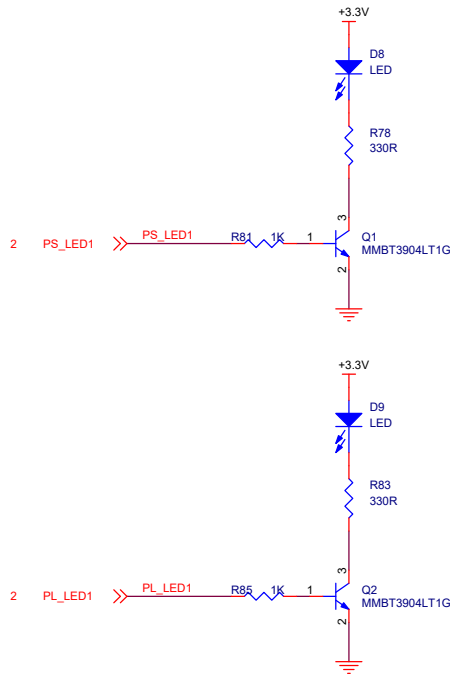


## EEPROM



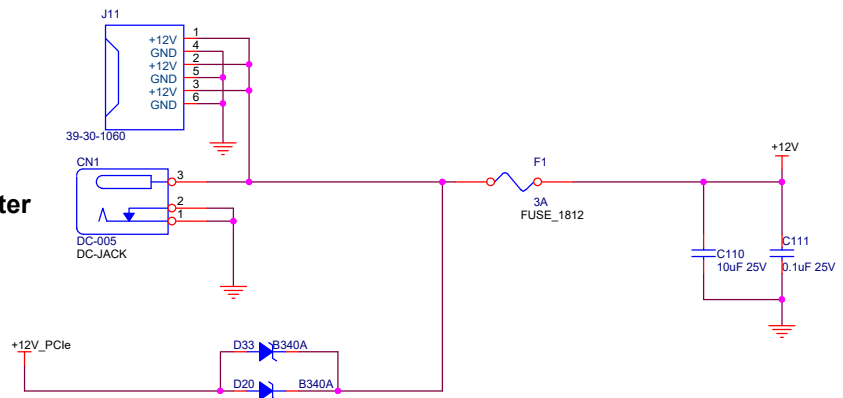
## SENSOR



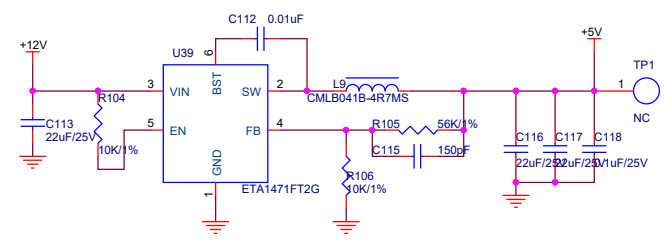




# 12V/3A AC Adapter

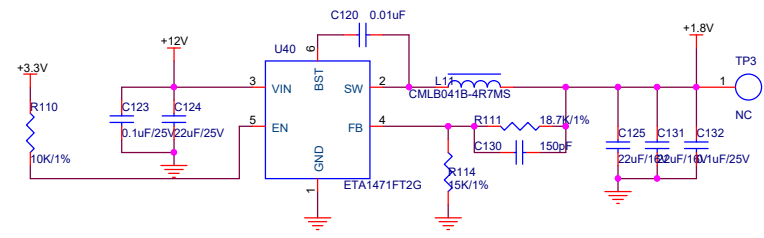


# +5V POWER



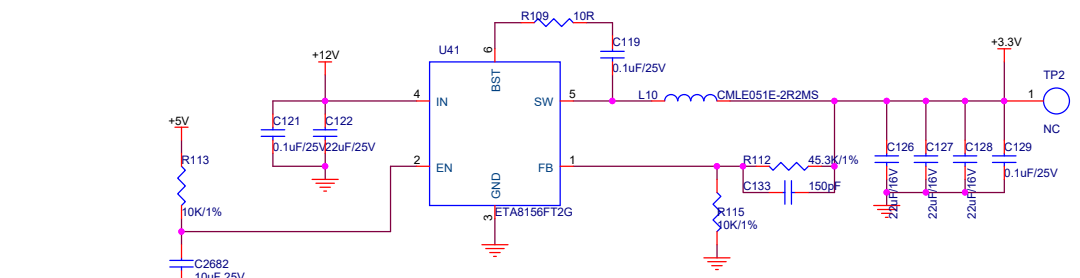
$$V_{out} = 0.8 \times (1 + R1/R2)$$

# +1.8V POWER

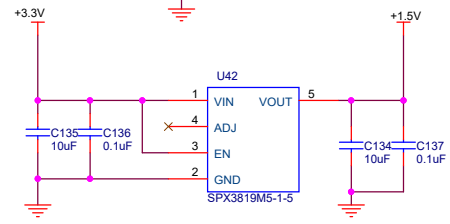


$$V_{out} = 0.8 \times (1 + R1/R2)$$

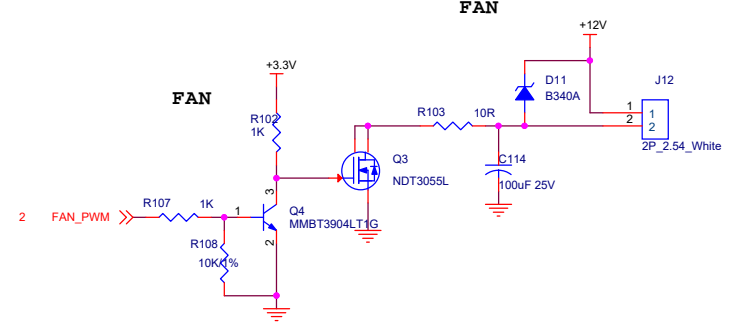
# +3.3V POWER 6A



$$V_{out} = 0.6 \times (1 + R1/R2)$$



# FAN



# FAN

