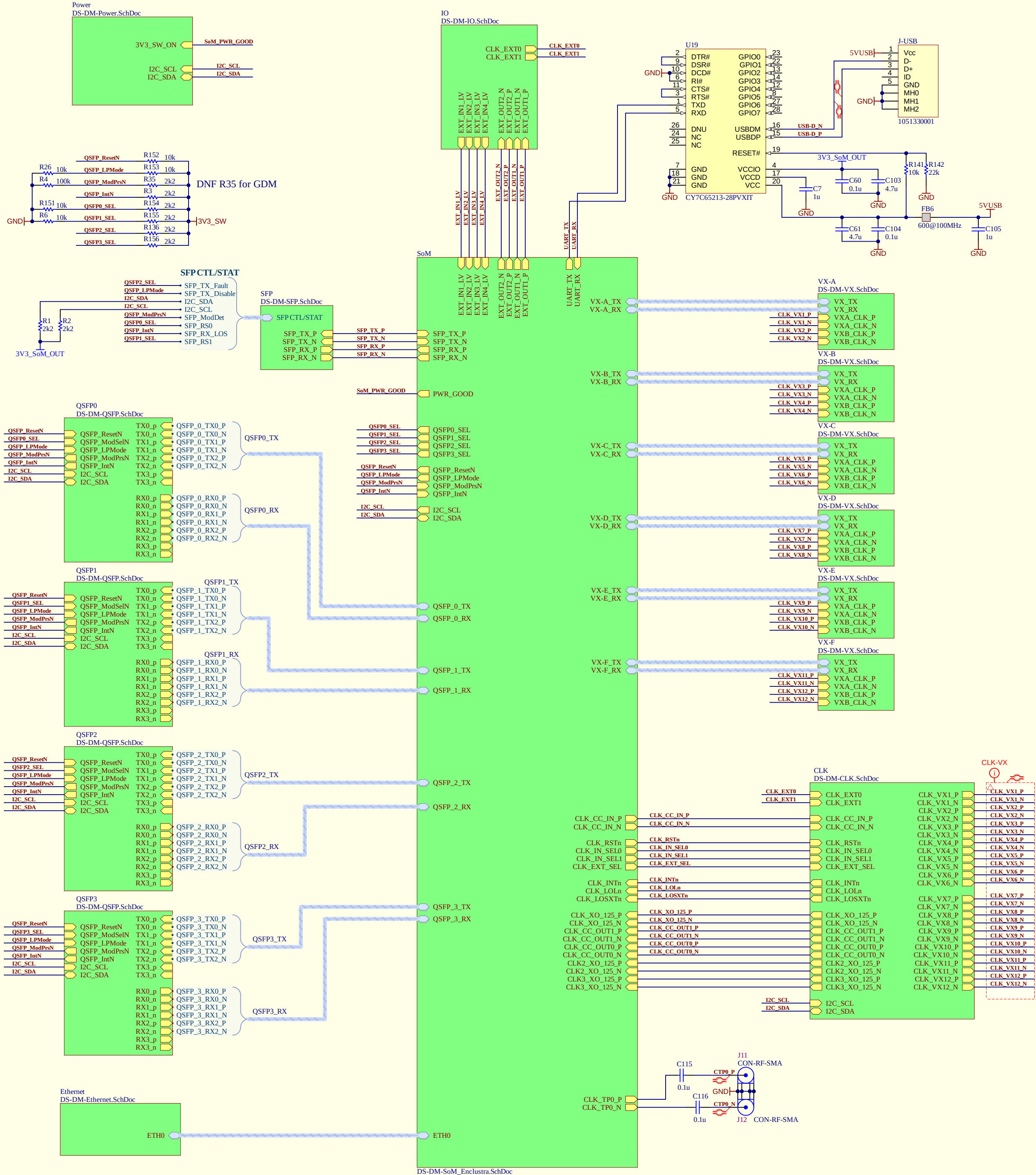
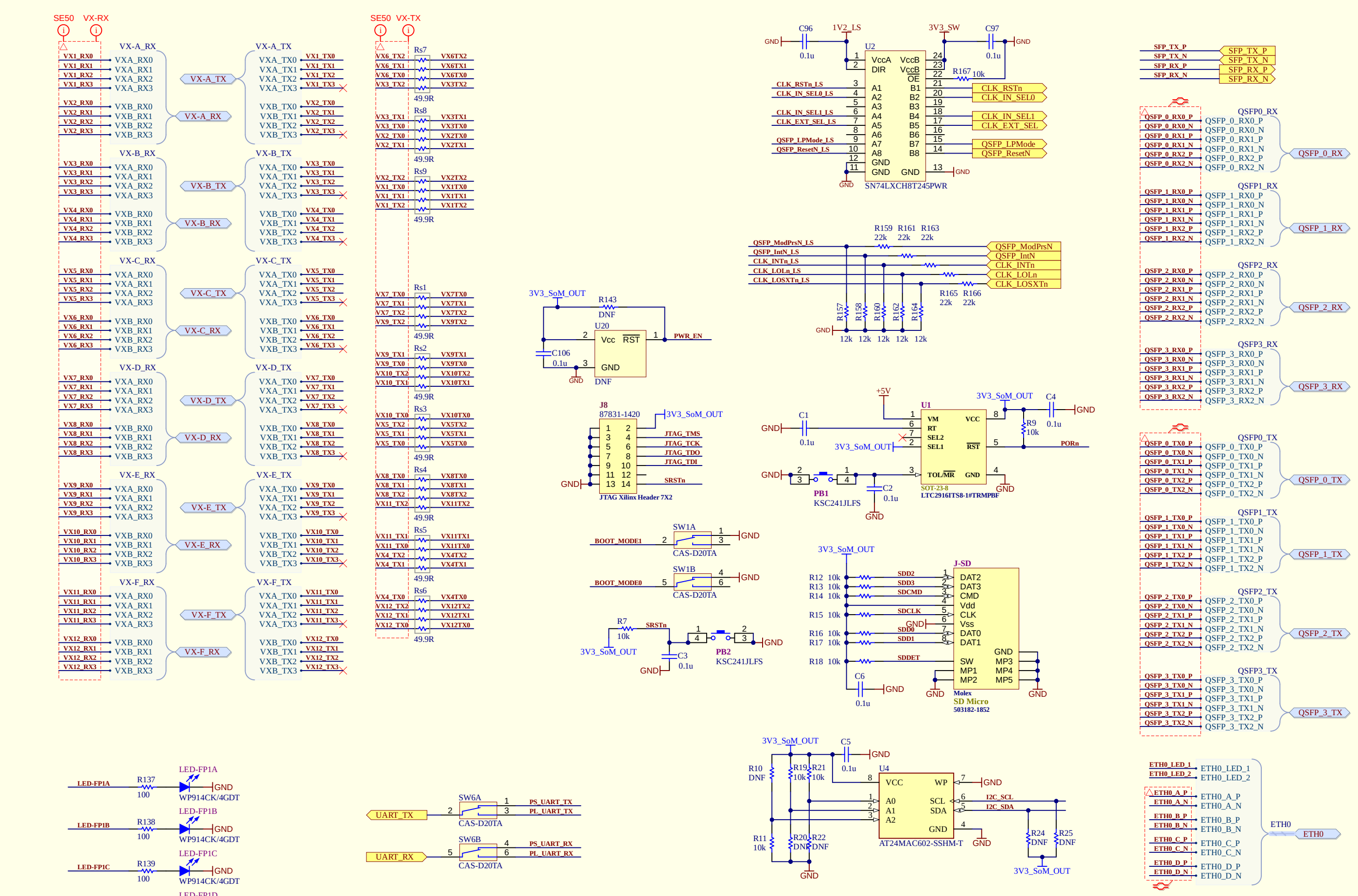
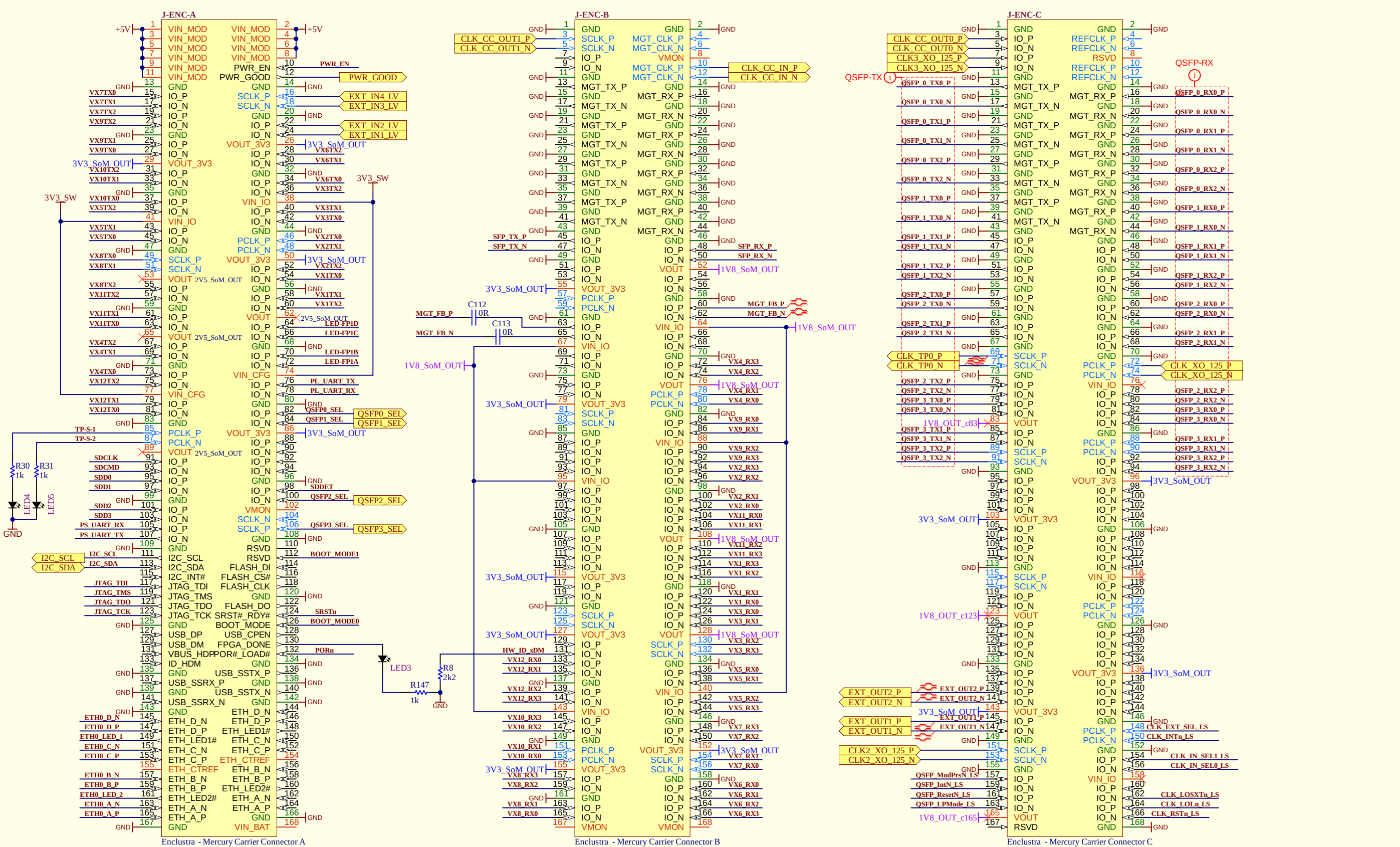
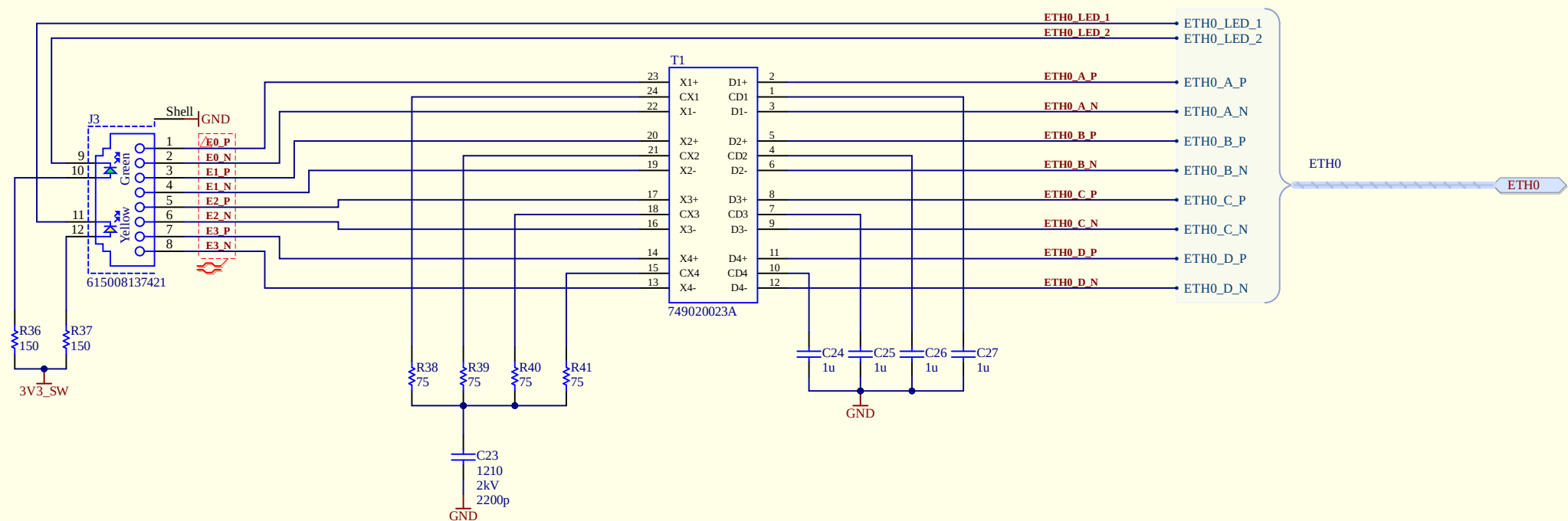
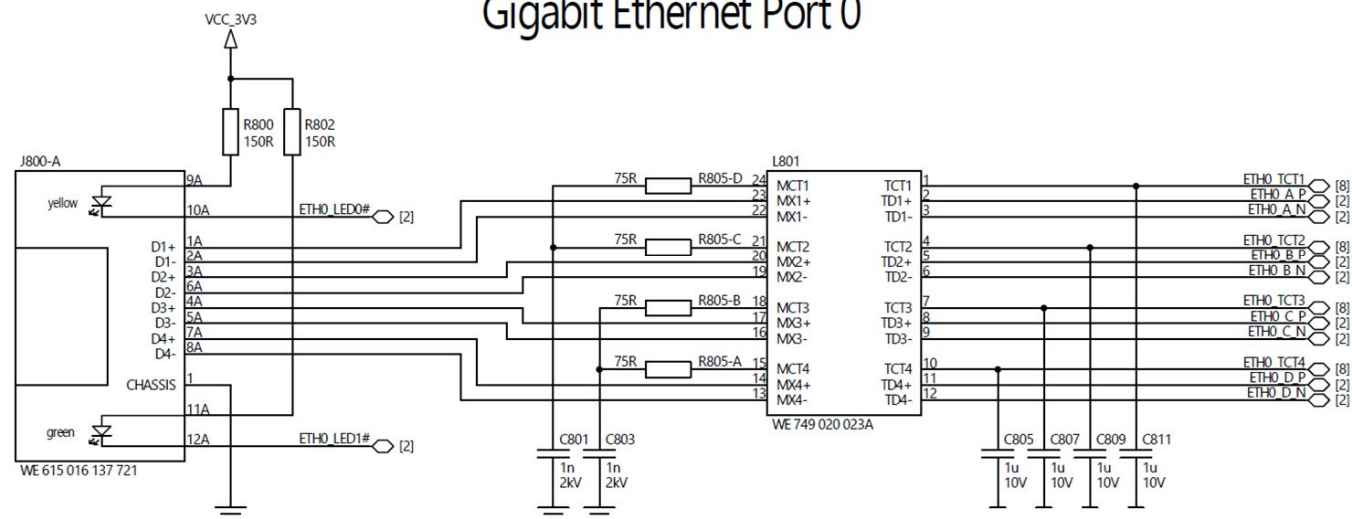






Gigabit Ethernet Port 0

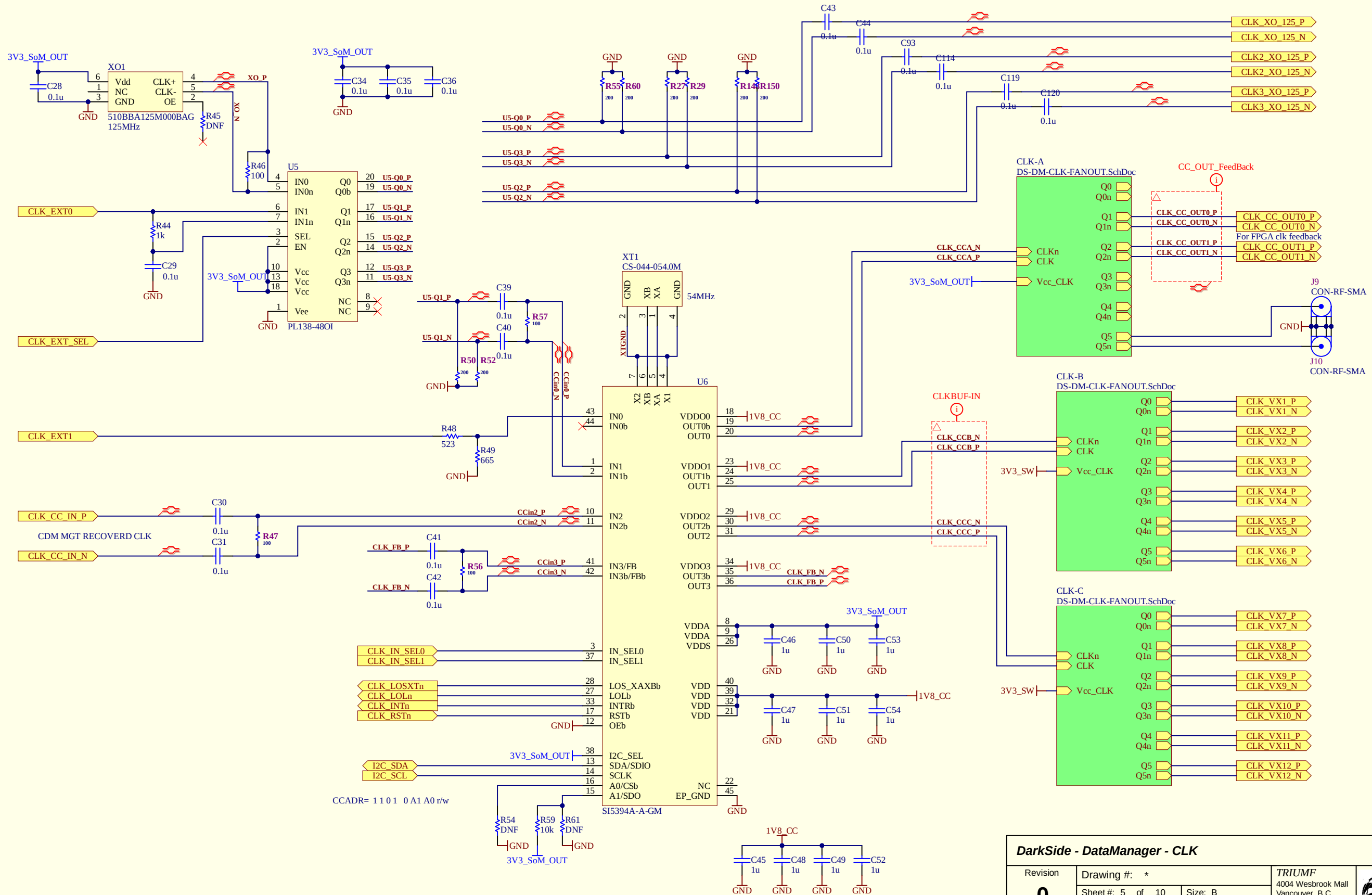


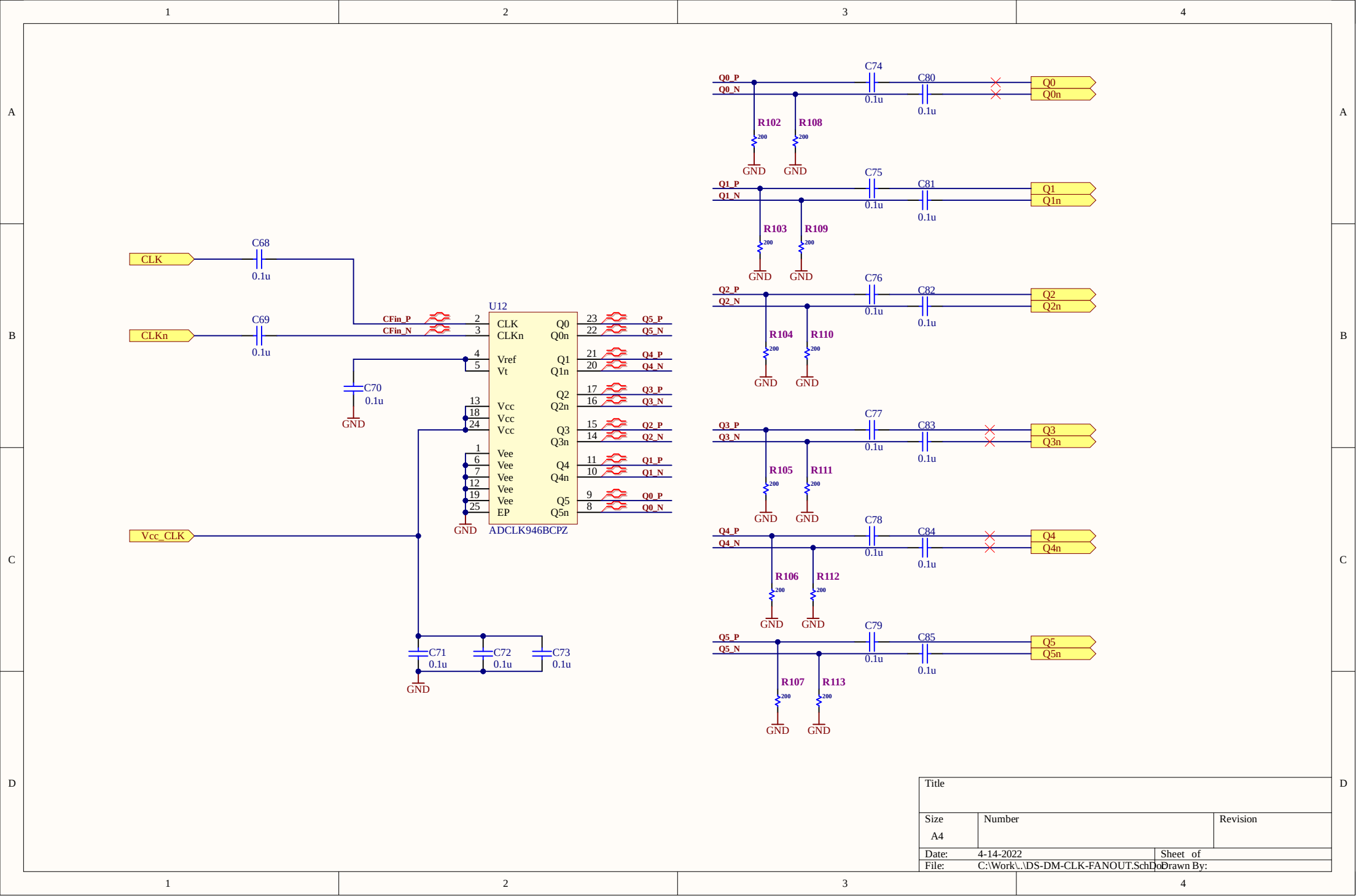
DarkSide - DataManager - Ethernet

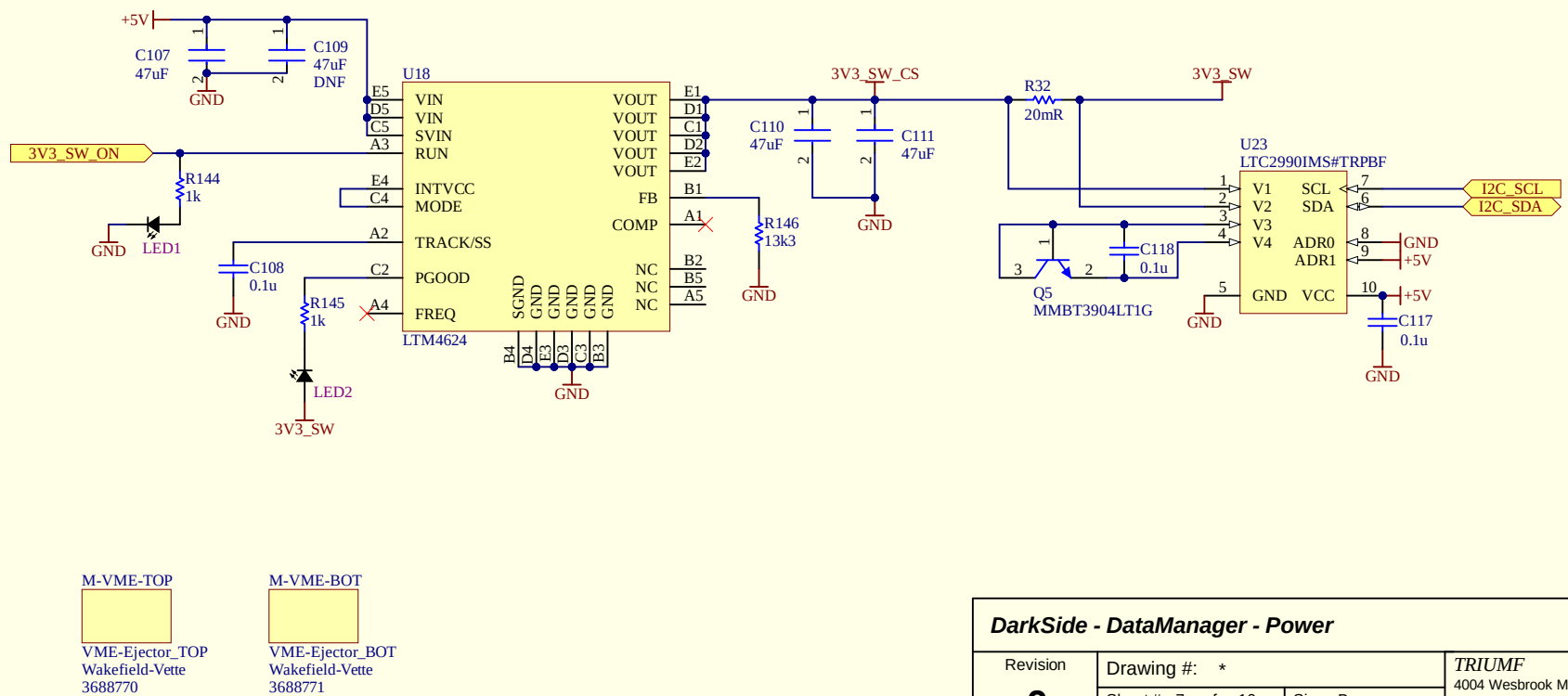
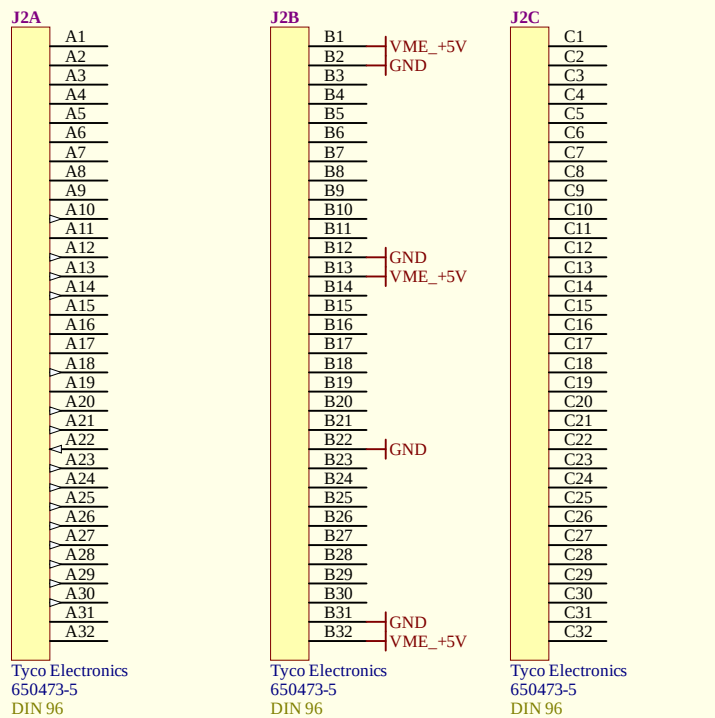
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0	* 4 of 10	4004 Wesbrook Mall	
	Sheet #:	Size: B	Vancouver, B.C.
	Drawn by: *	Date: 2022-04-14	Canada
			V6T 2A3

File: C:\Work\Dark Side 20k\rev0\Altium\DS-DM-Ethernet.SchDoc

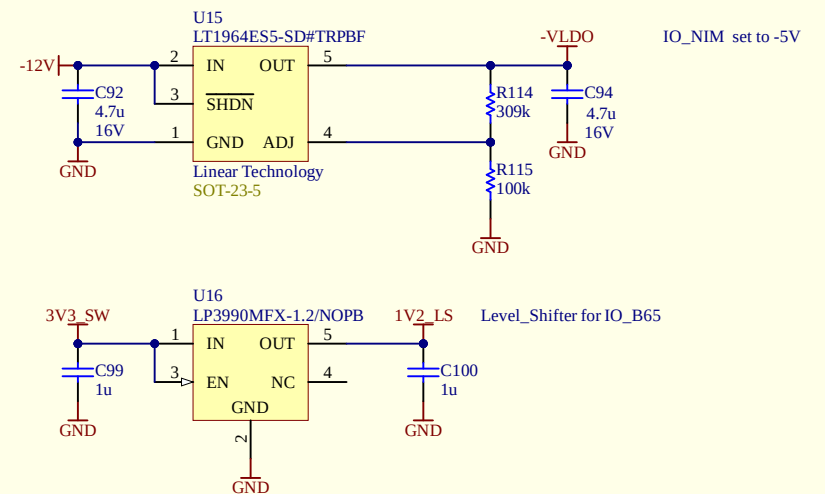
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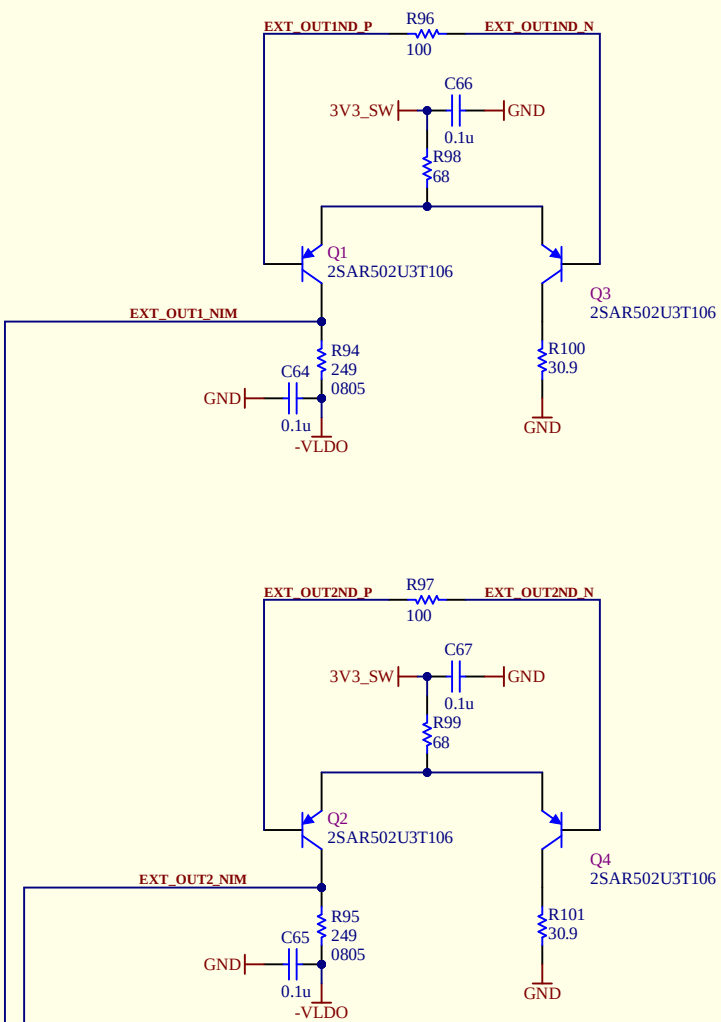


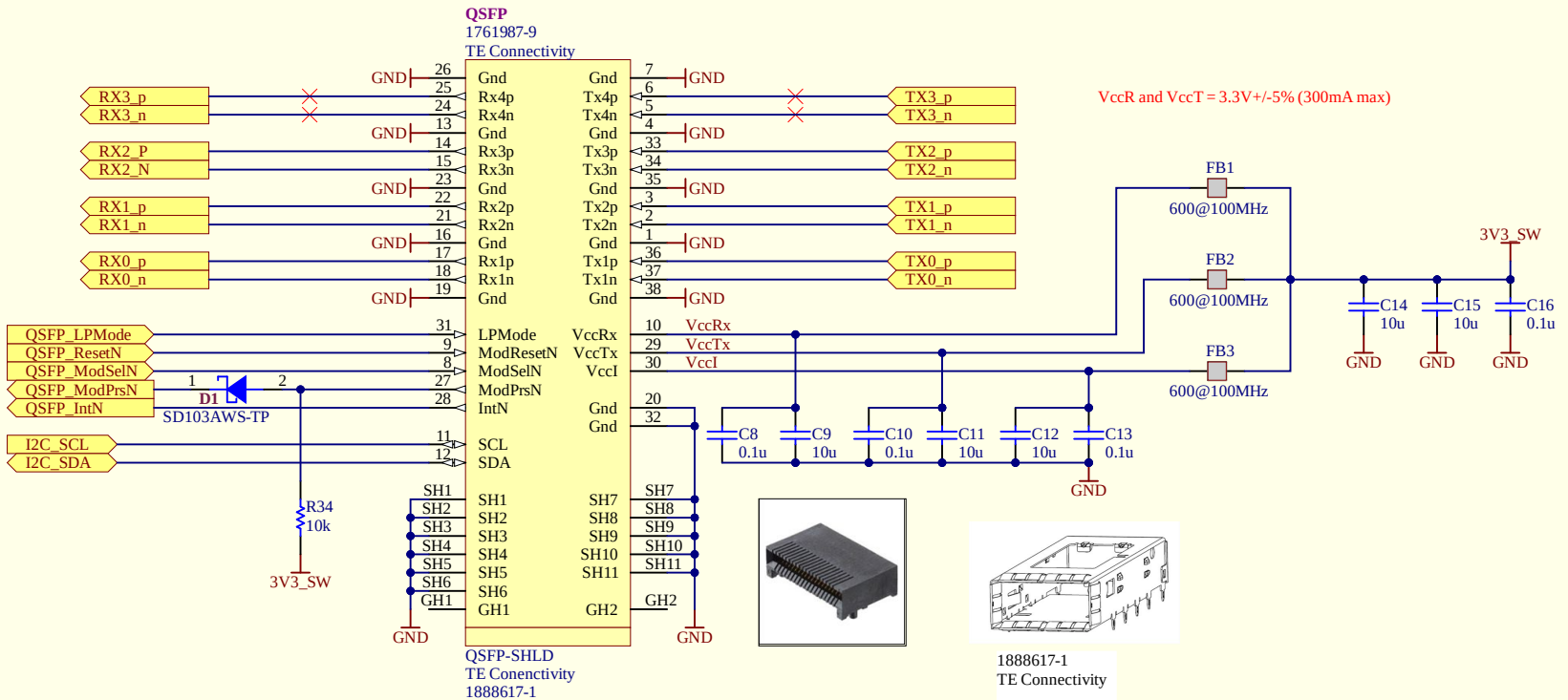




Current budget 3V3_SW:		
Sheet	Current mA	Notes
QSPF/SFP	1800	4x Qsfp each 1.5W (or 1xSFP)
CLK	480	clkcleaner 330mA, XO 100mA, clkbuf 50mA
CLK-FANOUT	1100	750mA = 3x clkbuf static; 18x 20mA each channel out
IO	140	20mA/buf
VX	430	RXbuf 6x22mA + TXbuf 6x50mA







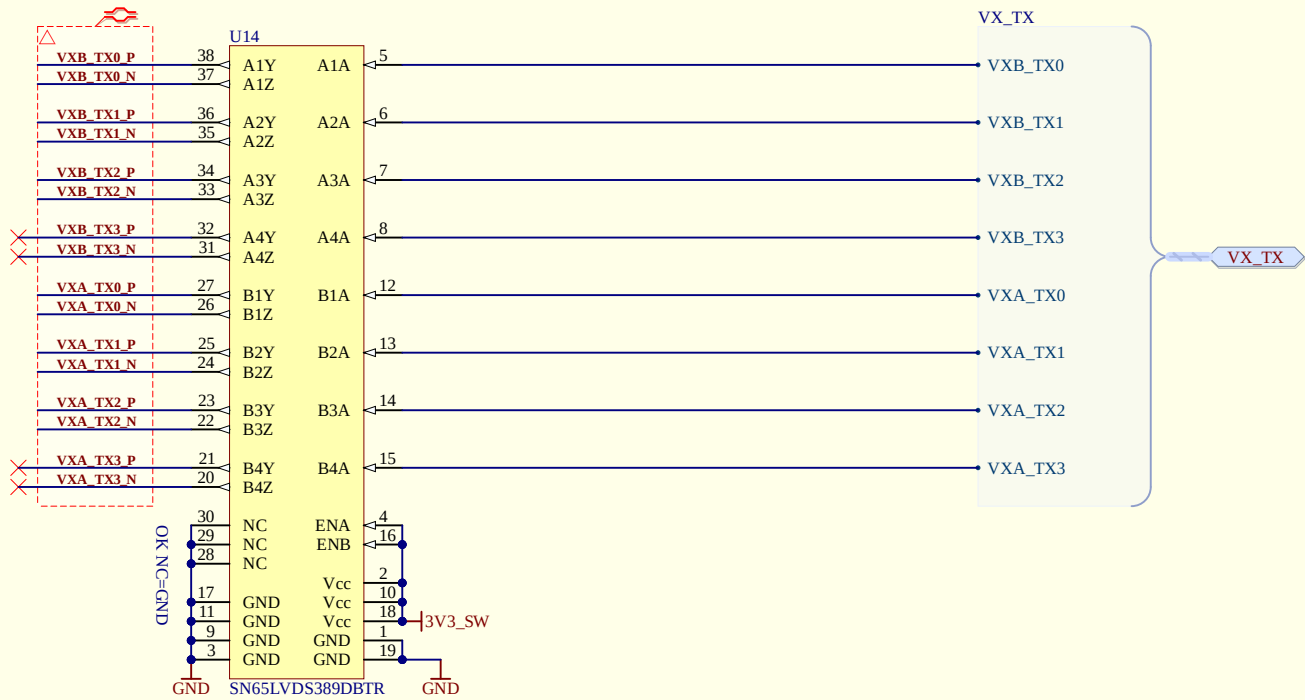
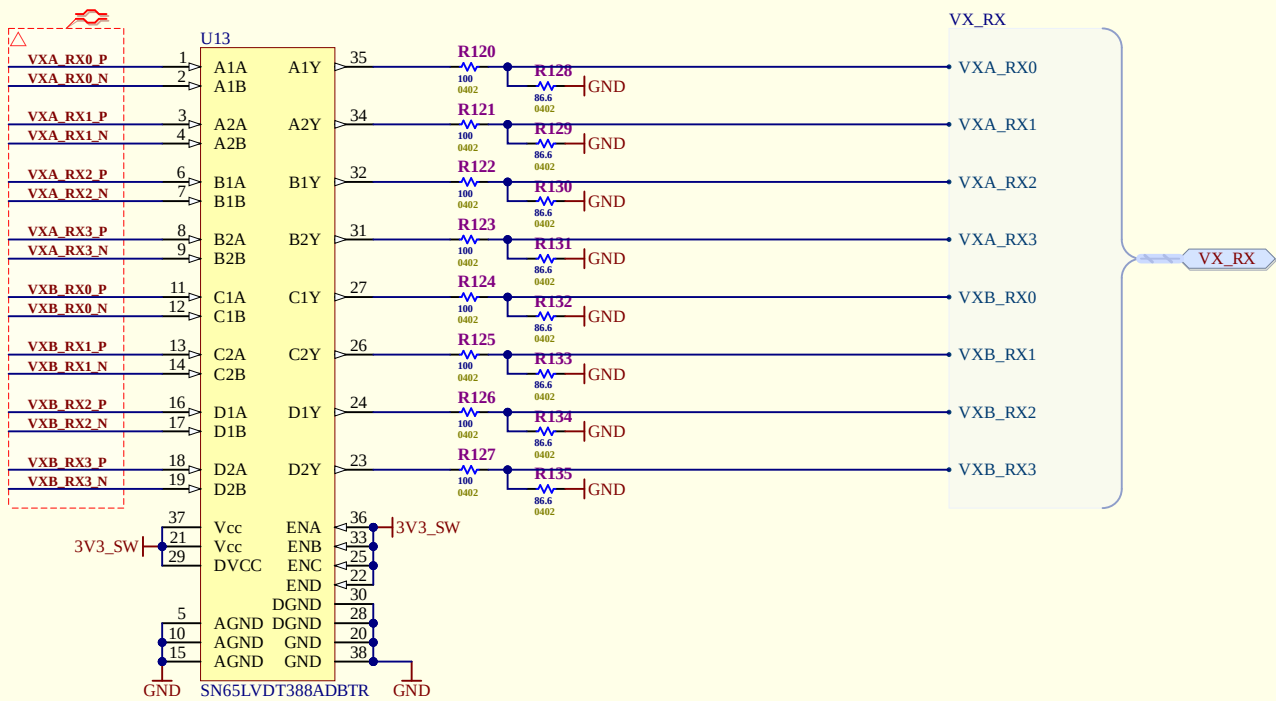
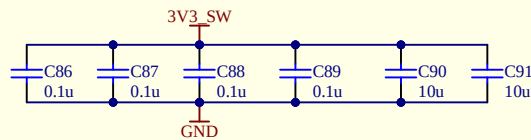
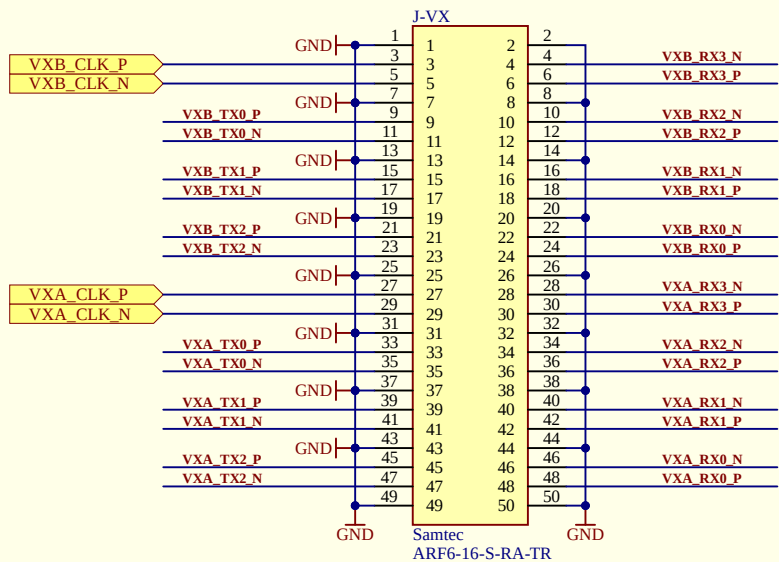
DarkSide - DataManager - QSFP

Revision	Drawing #:	TRIUMF	
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Drawn by: *	Date: 2022-04-14		Vancouver, B.C.
			Canada
			V6T 2A3

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DarkSide - DataManager - VX

Revision	Drawing #:	TRIUMF	
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	Drawn by: *	Date: 2022-04-14	Vancouver, B.C.
			Canada
			V6T 2A3

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