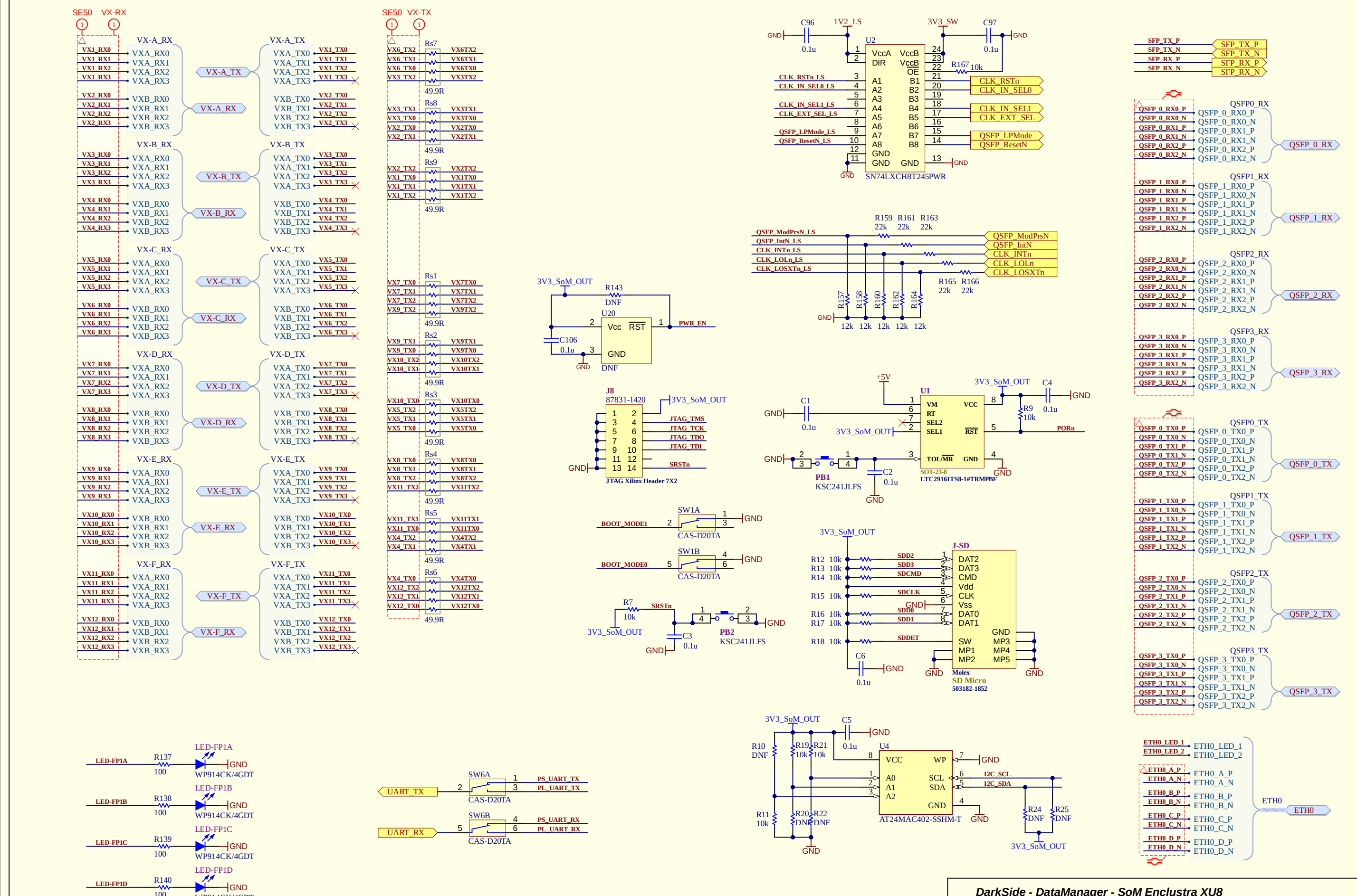
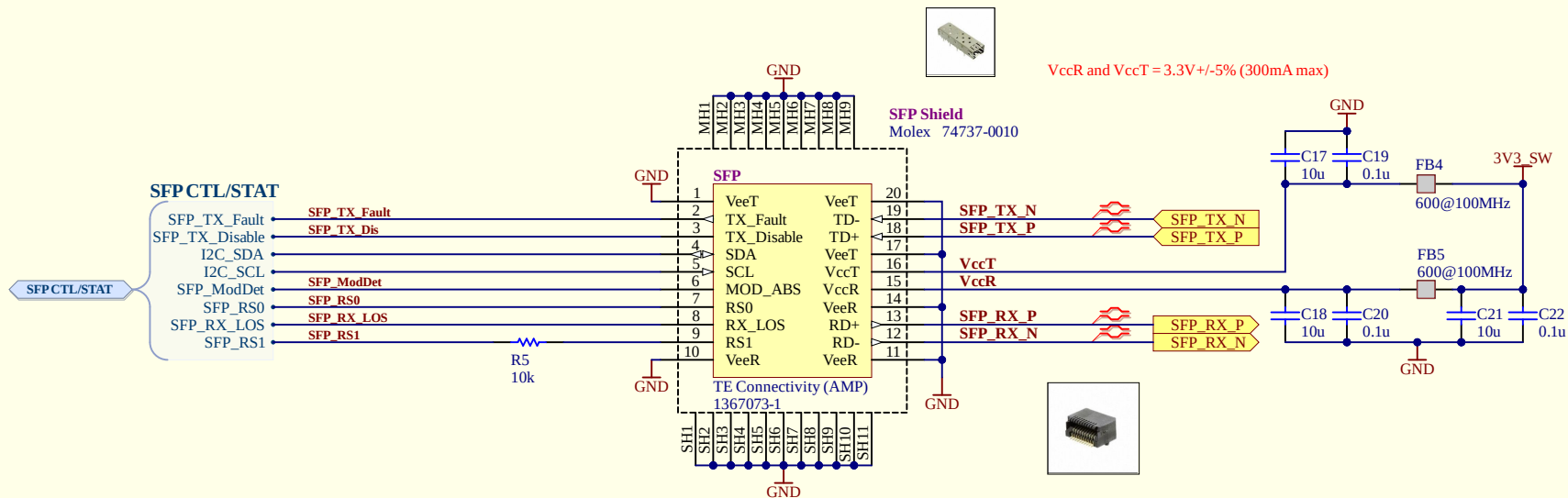
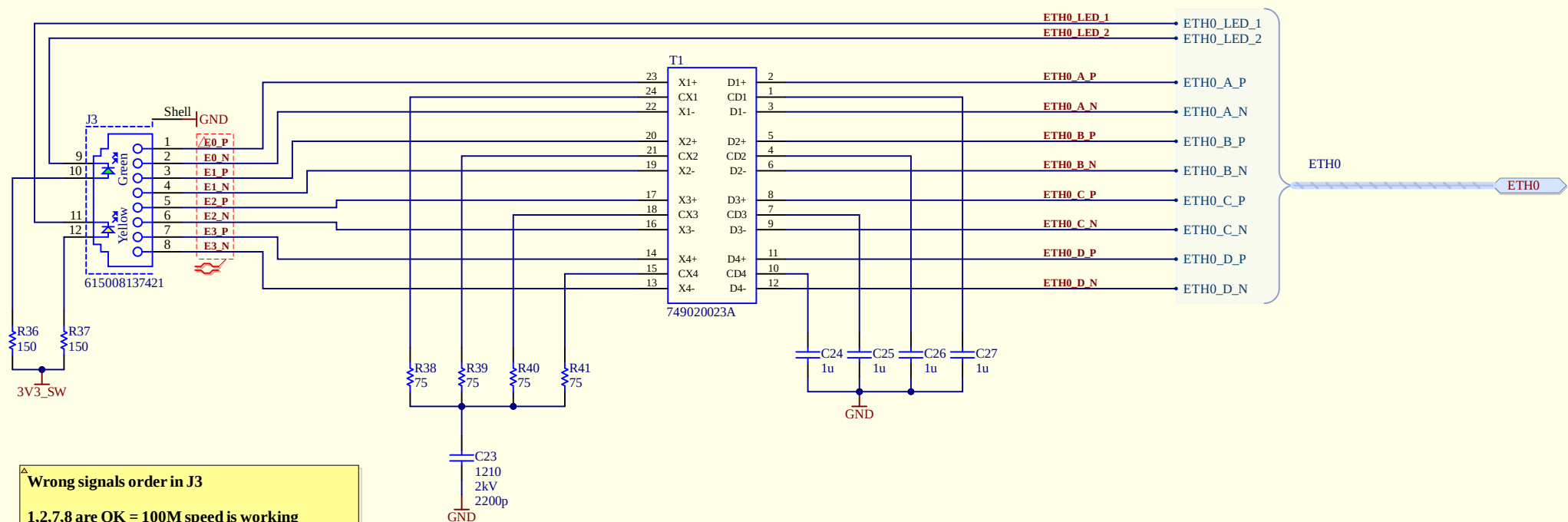
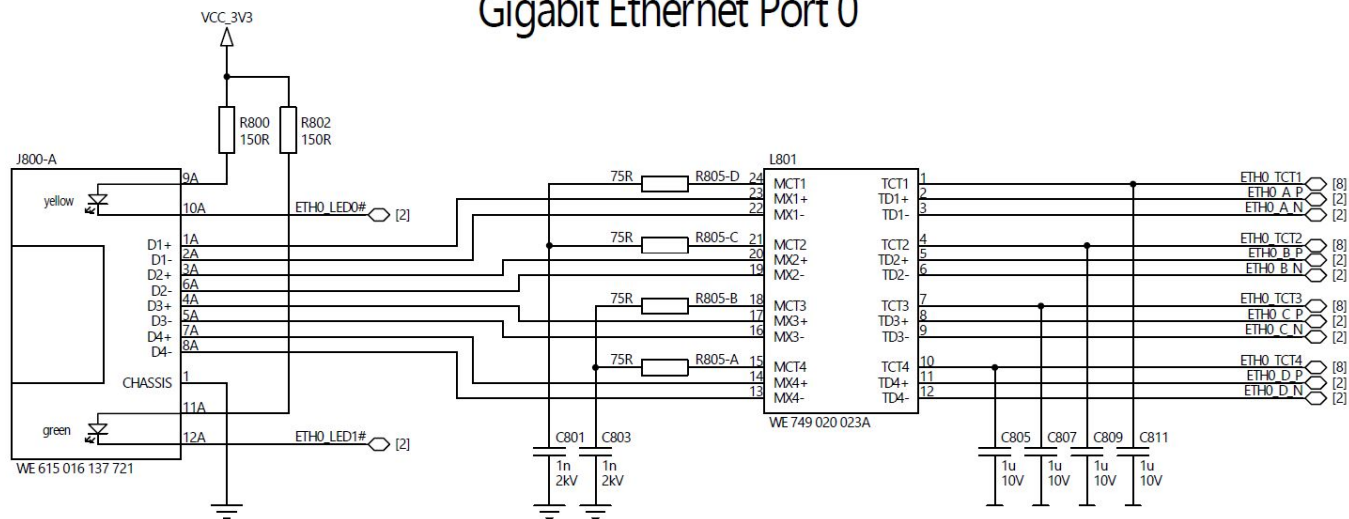






Gigabit Ethernet Port 0



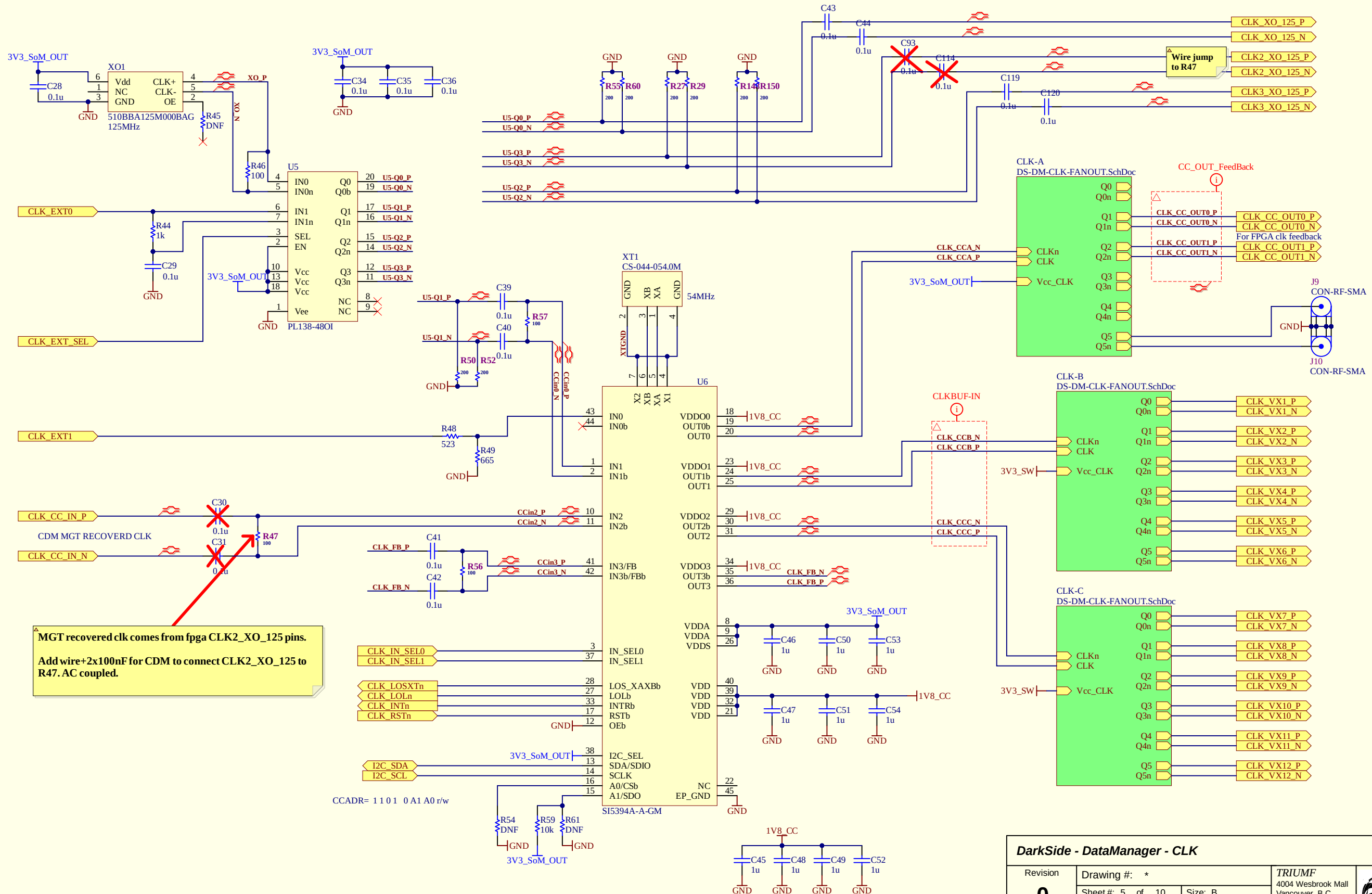
Wrong signals order in J3

1,2,7,8 are OK = 100M speed is working
3 is OK
4,5,6 must be reordered - see picture in xls for notes for REV1

HW rework possible - done on SN6
Other SNx - use special CAT5e cable

DarkSide - DataManager - Ethernet

Revision	Drawing #:	TRIUMF	
0	Sheet #: 4 of 10	Size: B	4004 Wesbrook Mall
Drawn by: *	Date: 2023-04-18	V6T 2A3	Vancouver, B.C.
File: C:\Work\Dark Side 20k\rev0\Altium\DS-DM-Ethernet.SchDoc		06:43:37 PM	

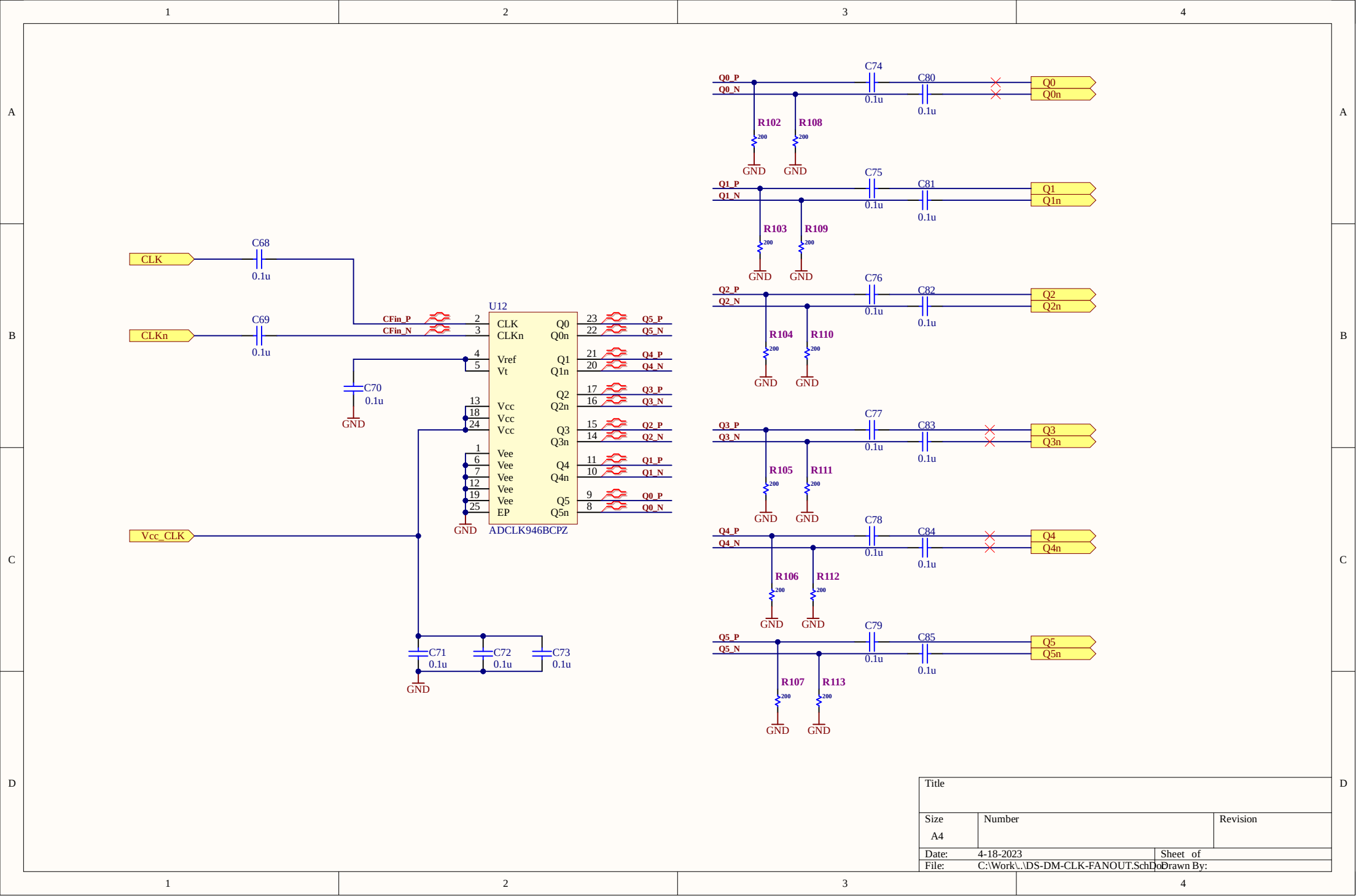


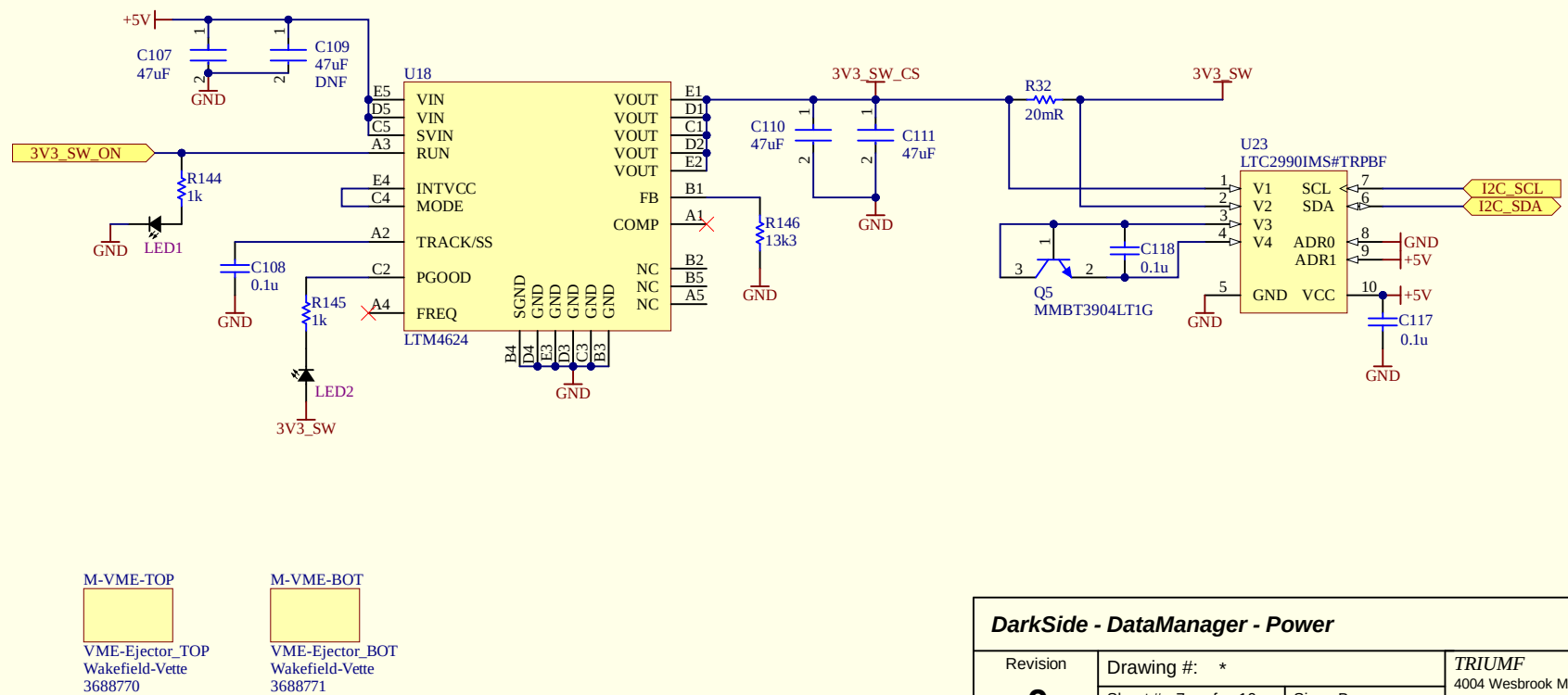
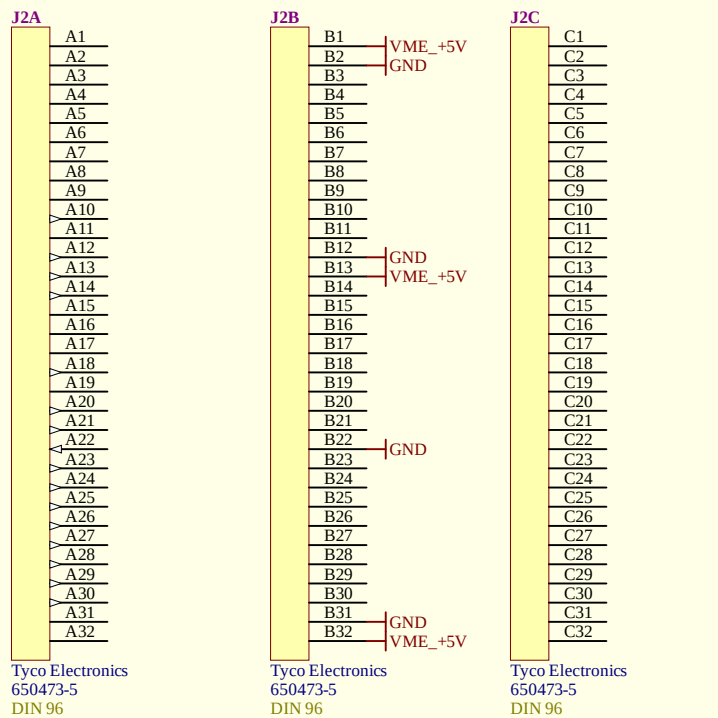
DarkSide - DataManager - CLK

Revision	Drawing #:	*	TRIUMF
0	Sheet #:	5 of 10	4004 Wesbrook Mall
	Drawn by:	*	Vancouver, B.C.
			Canada
			V6T 2A3

File: C:\Work\DarkSide 20k\rev0\Altium\DS-DM-CLK.SchDoc

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U15
LT1964ES5-SD#TRPBF

-12V

C92
4.7u
16V

GND

IN OUT

SHDN

GND ADJ

Linear Technology
SOT-23-5

R114
309k

R115
100k

GND

-VLDO

C94
4.7u
16V

GND

IO_NIM set to -5V

U16
LP3990MFX-1.2/NOPB

3V3_SW

C99
1u

GND

IN OUT

EN NC

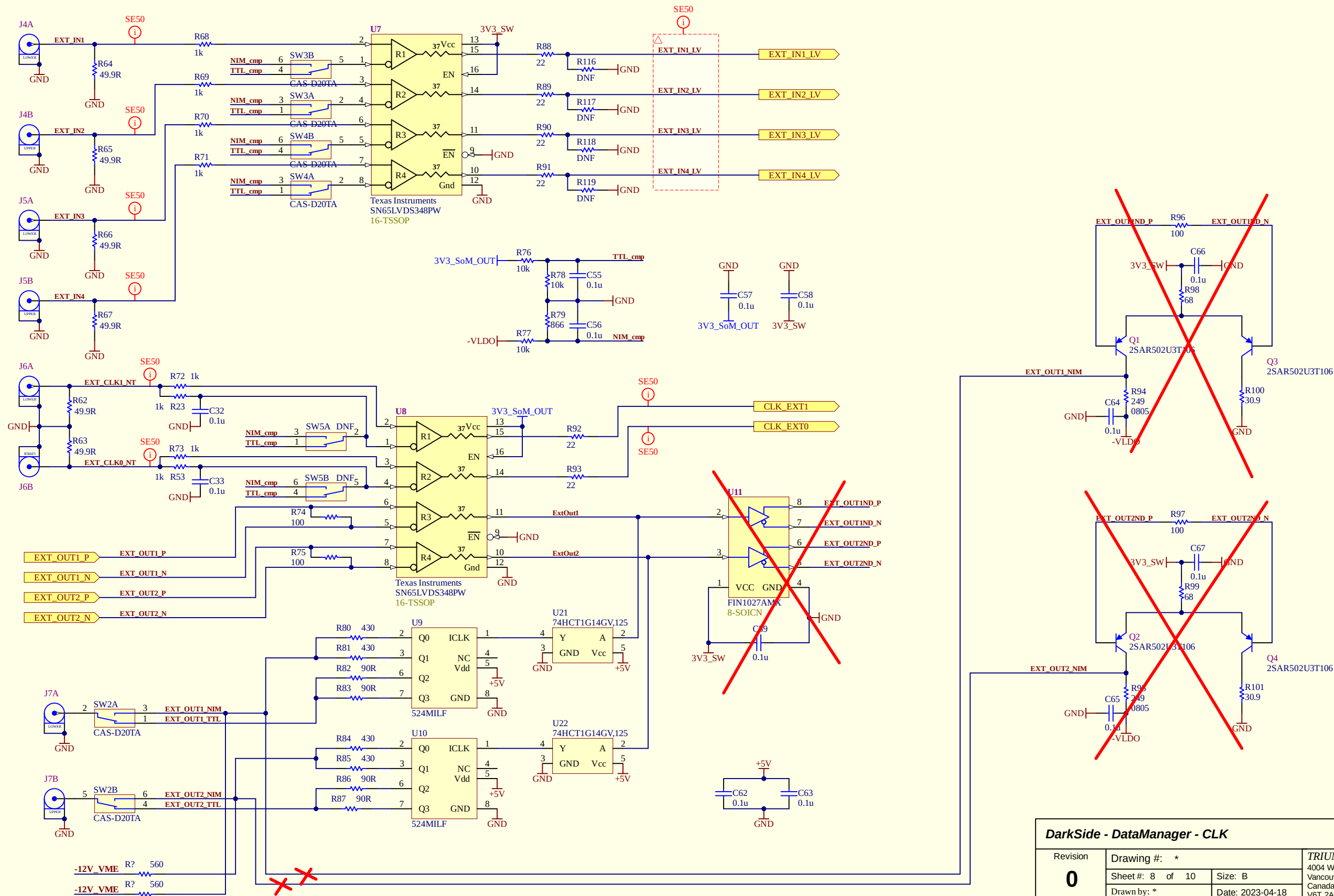
GND

1V2_LS

C100
1u

GND

Level_Shifter for IO_B65

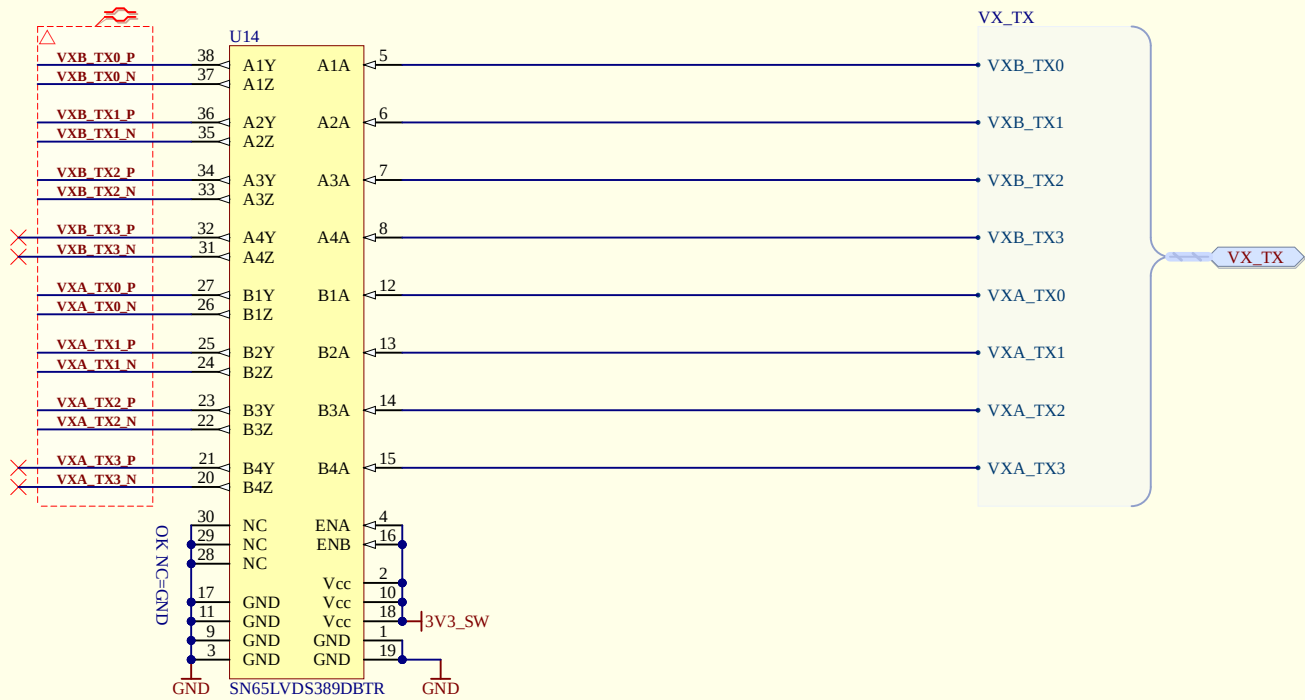
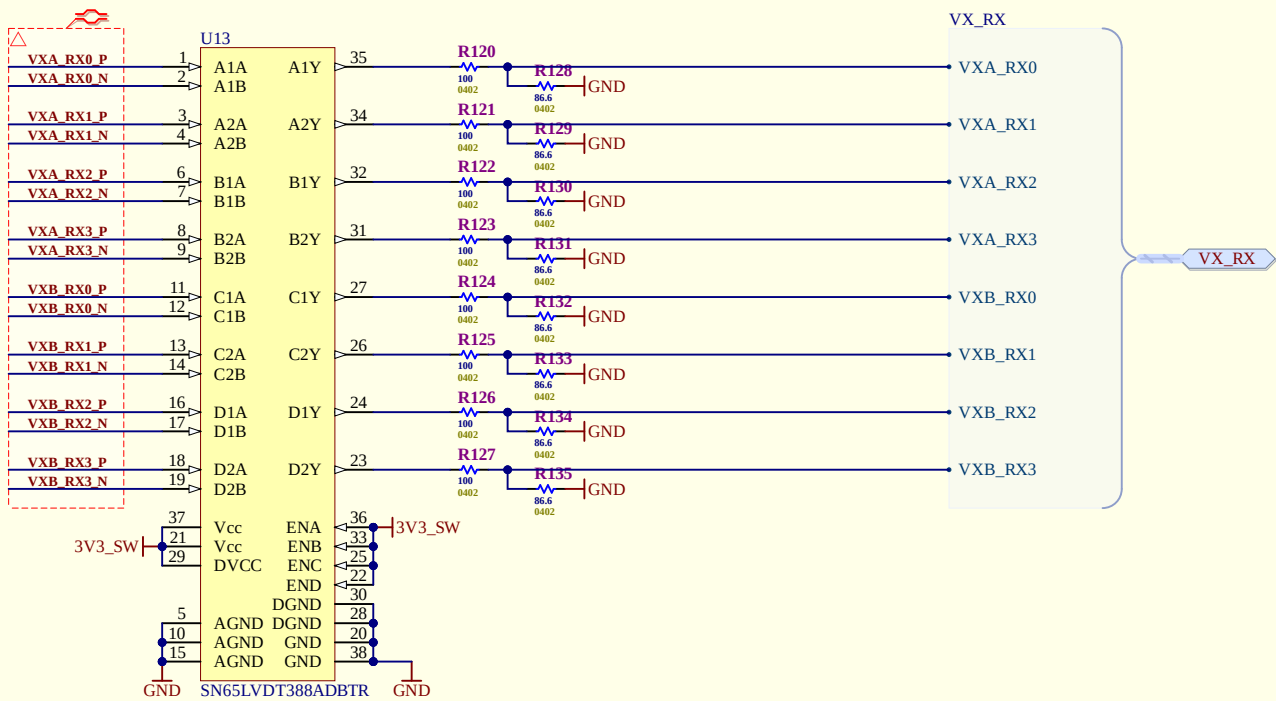
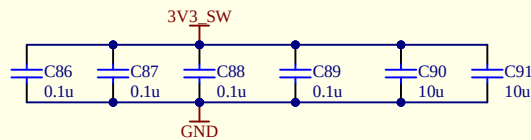
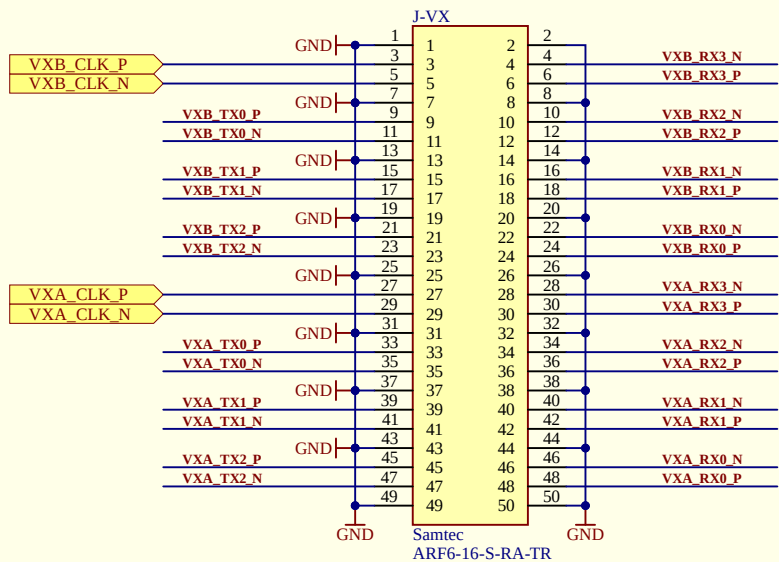


DarkSide - DataManager - CLK

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Sheet #:	8	Vancouver, B.C.	
Drawn by:	*	Canada	
Date:	2023-04-18	V6T 2A3	

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DarkSide - DataManager - VX

Revision	Drawing #:	*	TRIUMF
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