

Recept, 26pos

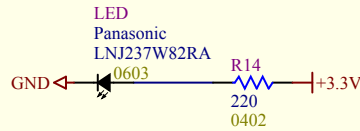
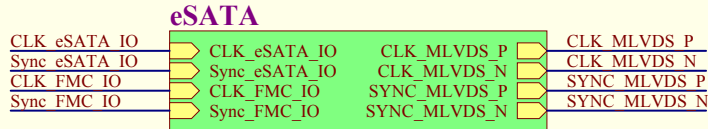
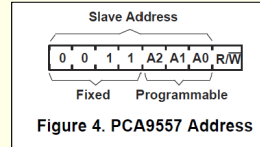
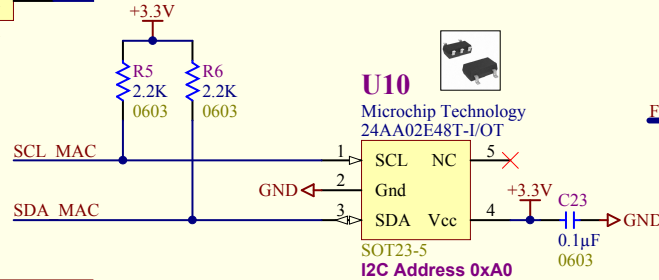
Mini-SAS Shield

Mini-SAS Shield

Mini-SAS Shell 26pin

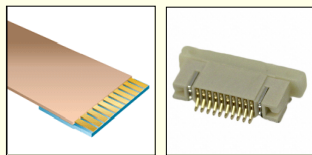


Shell, 26pos

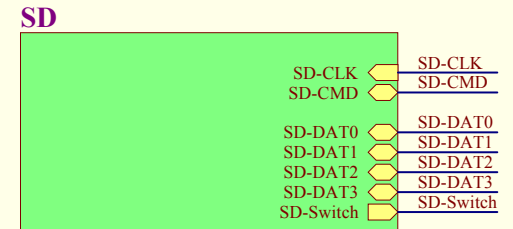
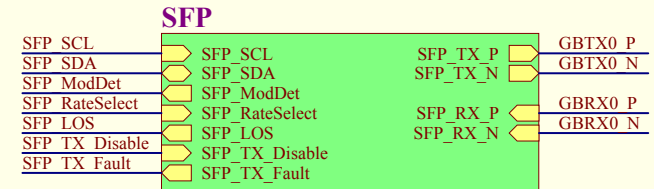
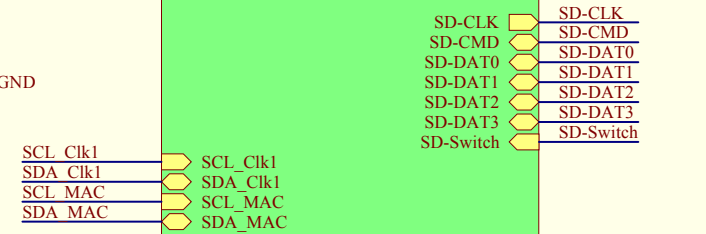
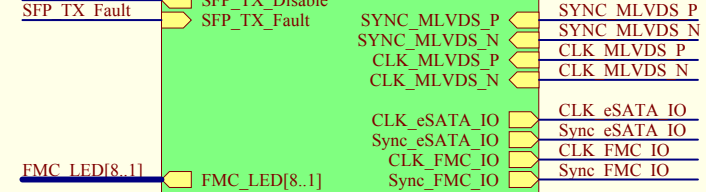
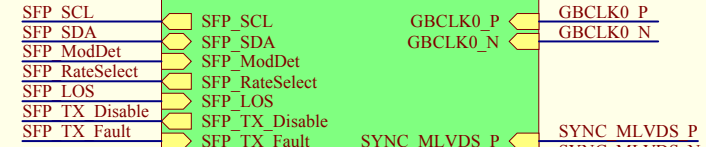
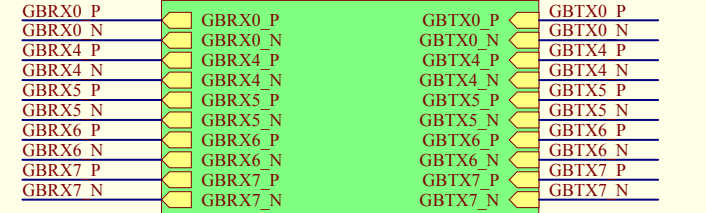
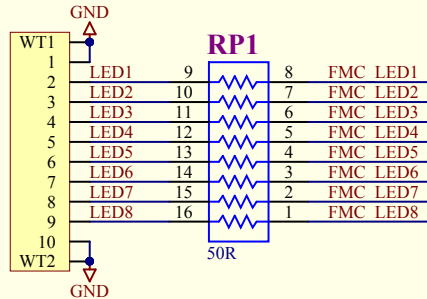


DISPLAY

TE Connectivity
I-1734592-0



FRONT PANEL



FMC - SFP and Mini-SAS Interface - Top Level

TRIUMF
LOGO

Revision 2	Drawing #: 1		TRIUMF 4004 Westbrook Mall Vancouver, B.C. Canada V6T 2A3	
	Sheet #: 1 of 6	Size: A		
Drawn by: D.Bishop		Date: 03/03/2014		

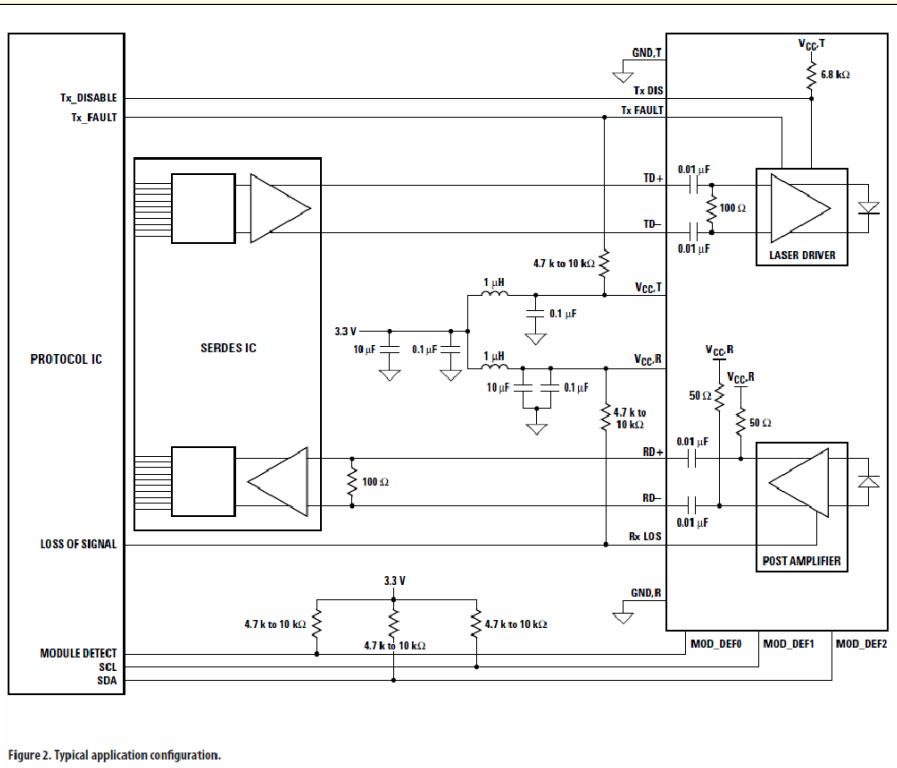
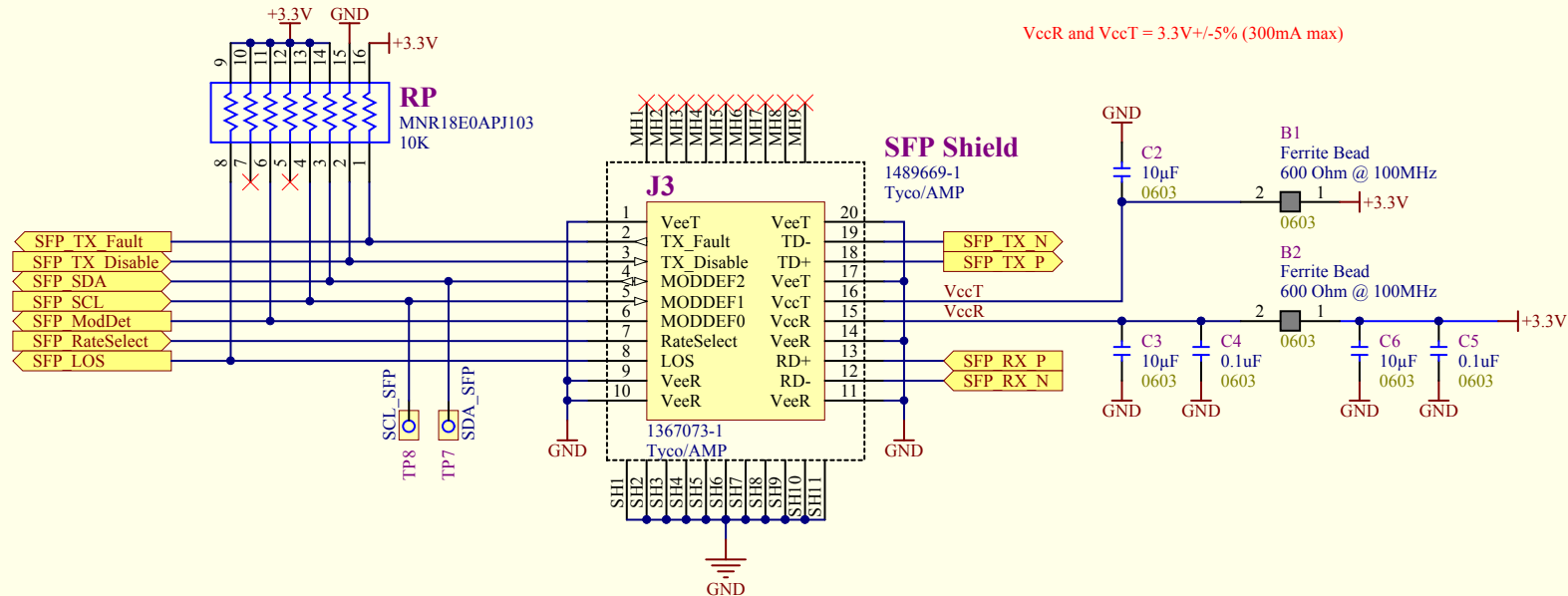


Figure 2. Typical application configuration.

AFBR-57M5APZ
 Digital Diagnostic SFP, 850 nm, 2.125/1.0625 and 1.25 GBD
 Ethernet, RoHS Compliant Optical Transceiver



[Data Sheet](#)

850 nm, SFP (Small Form Pluggable), RoHS Compliant,
 Low Voltage (3.3 V) Digital Diagnostic Optical Transceiver



Digital Diagnostic Interface and Serial Identification

The 2-wire serial interface is based on ATMEL AT24C01A series EEPROM protocol and signaling detail. Conventional EEPROM memory, bytes 0-255 at memory address 0xA0, is organized in compliance with SFF-8074i. New digital diagnostic information, bytes 0-255 at memory address 0xA2, is compliant to SFF-8472. The new diagnostic information provides the opportunity for Predictive Failure Identification, Compliance Prediction, Fault Isolation and Component Monitoring.

FMC - SFP and Mini-SAS Interface - SFP Link

Revision	Drawing #: 2		TRIUMF 4004 Westbrook Mall Vancouver, B.C. Canada V6T 2A3	
2	Sheet #: 2 of 6	Size: A		
	Drawn by: D.Bishop	Date: 03/03/2014		
File: C:\Altium\FMC - SFP MiniSAS Rev2\FMC - SFP and Mini-SAS Interface - SFP Link - Rev2.SchDoc				
				11:45:33 PM

Product Index > Crystals and Oscillators > Oscillators > FXO-LC735RGB-125

All prices are in Canadian dollars.

Digi-Key Part Number	631-1218-1-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 1,519 Can ship immediately	1	7.99000	7.99
Manufacturer	Fox Electronics	10	7.54300	75.43
Manufacturer Part Number	FXO-LC735RGB-125	50	7.27360	363.68
Description	OSC 125.00 MHz 3.3V LVDS SMD	100	7.04920	704.92
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	500	6.60020	3,300.10

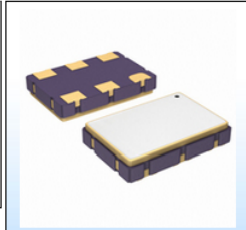
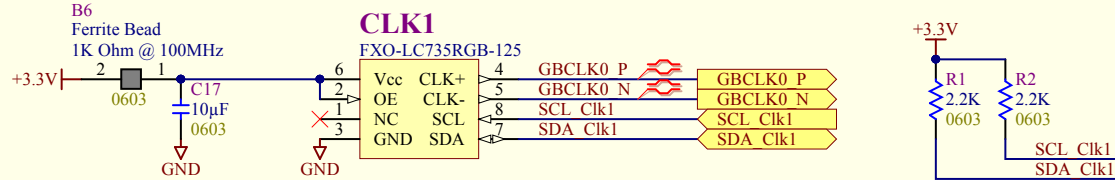



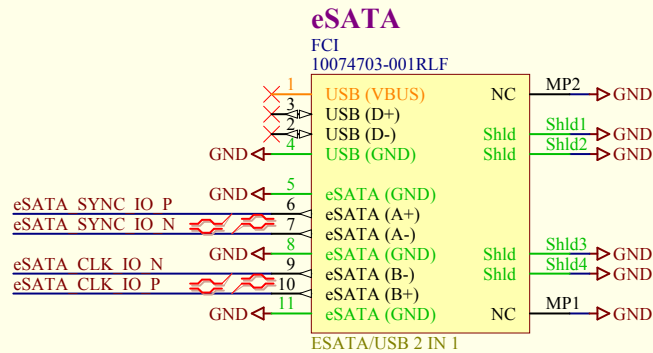
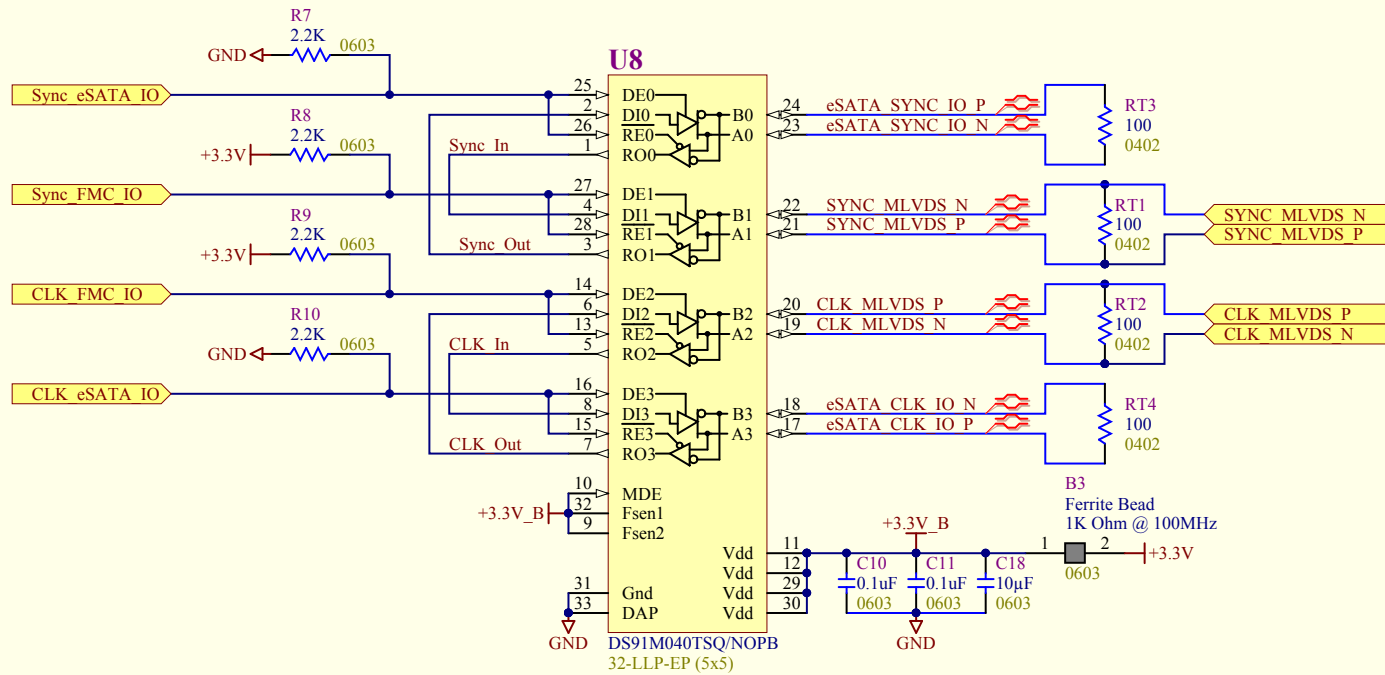
Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

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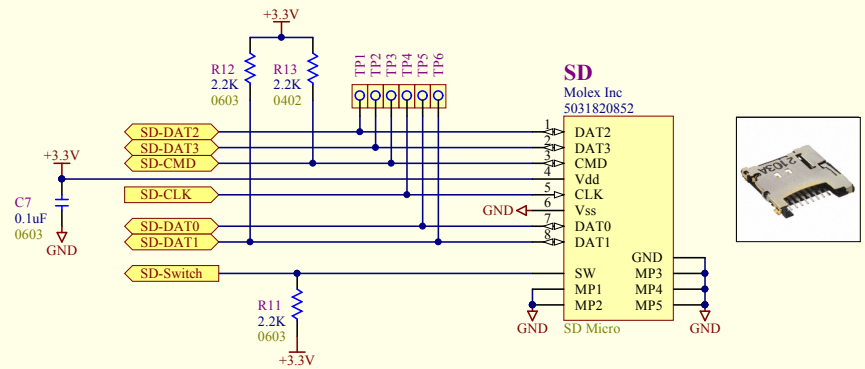
FMC - SFP and Mini-SAS Interface - Reference Clocks

2	Revision	Drawing #: 3	TRIUMF 4004 Westbrook Mall Vancouver, B.C. Canada V6T 2A3	
	Sheet #: 3 of 6	Size: A		
	Drawn by: D.Bishop	Date: 03/03/2014		
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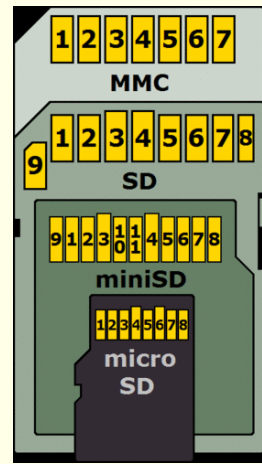


FMC - SFP and Mini-SAS Interface - eSATA Clk and Sync

Revision 2	Drawing #: 4		TRIUMF 4004 Westbrook Mall Vancouver, B.C. Canada V6T 2A3	
	Sheet #: 4 of 6	Size: A		
	Drawn by: D.Bishop	Date: 03/03/2014		
File: C:\Altium\FMC - SFP MiniSAS Rev2\FMC - SFP and Mini-SAS Interface - eSATA Clock and Sync - Rev2.SchDoc				11:45:33 PM



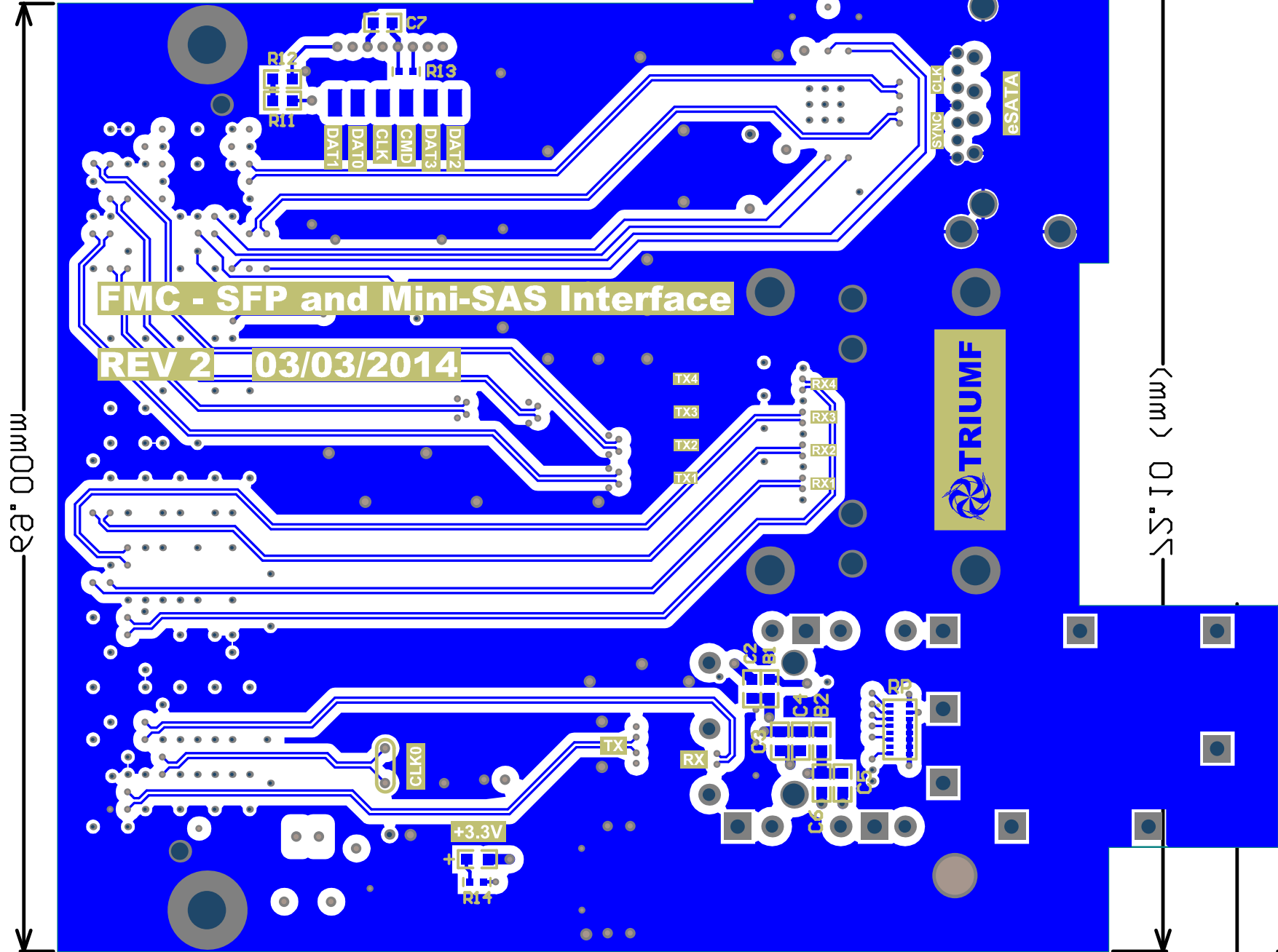
Four-Bit SD Bus Mode							
MMC Pin	SD Pin	miniSD Pin	microSD Pin	Name	I/O	Logic	Description
.	1	1	2	DAT3	I/O	PP	SD Serial Data 3
.	2	2	3	CMD	I/O	PP, OD	Command, Response
.	3	3		VSS	S	S	Ground
.	4	4	4	VDD	S	S	Power
.	5	5	5	CLK	I	PP	Serial Clock
.	6	6	6	VSS	S	S	Ground
.	7	7	7	DAT0	I/O	PP	SD Serial Data 0
	8	8	8	DAT1	I/O	PP	SD Serial Data 1 (memory cards)
				nIRQ	O	OD	Interrupt Period (SDIO cards share pin via protocol)
	9	9	1	DAT2	I/O	PP	SD Serial Data 2
		10		NC	.	.	Reserved
		11		NC	.	.	Reserved



FMC - SFP and Mini-SAS Interface - Micro SD

Revision 2	Drawing #: 5	TRIUMF 4004 Wesbrook Mall Vancouver, B.C. Canada V6T 2A3	
Sheet #: 5 of 6	Size: A	Date: 03/03/2014	
Drawn by: D.Bishop		File: C:\Altium\FMC - SFP MiniSAS Rev2\FMC - SFP and Mini-SAS Interface - SD - Rev2.SchDoc	
		11:45:33 PM	

mm00 e2



FMC - SFP and Mini-SAS Interface

REV 2 03/03/2014



mm01 S7

3202.28m1

82.08mm

