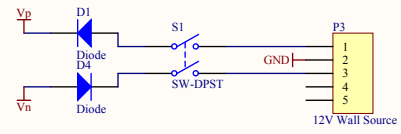
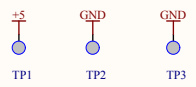
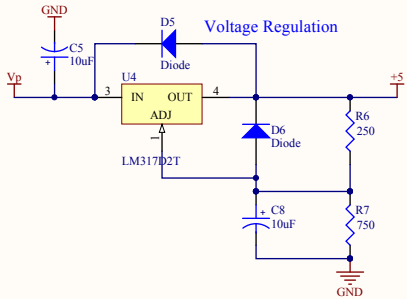
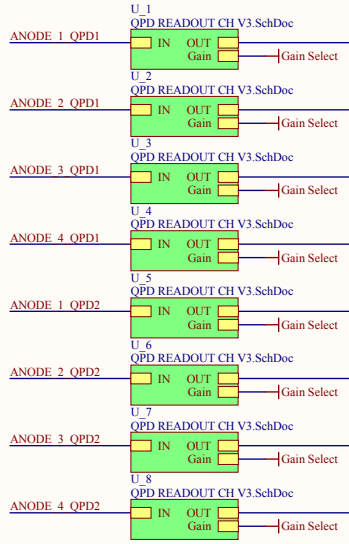
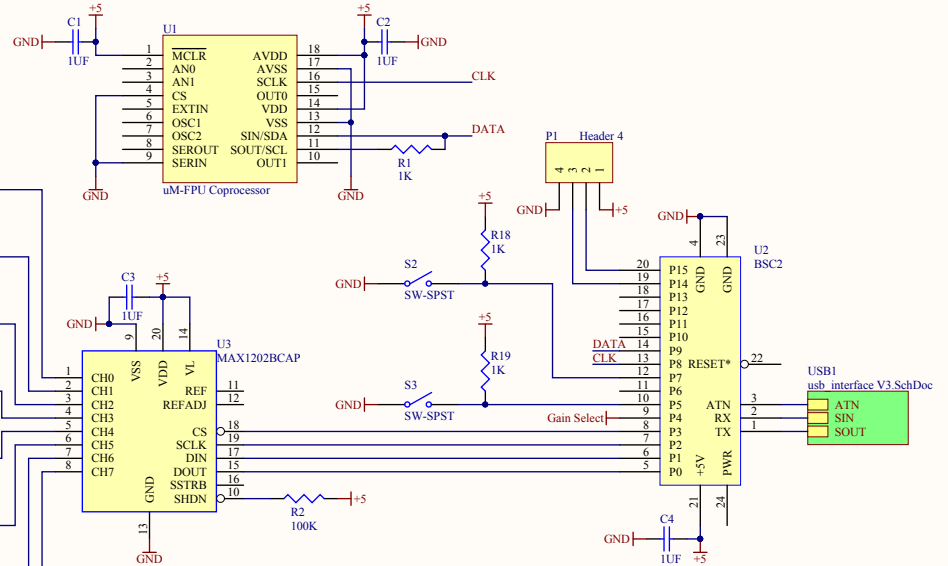
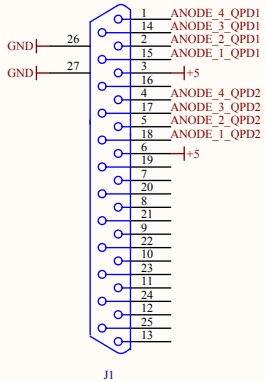
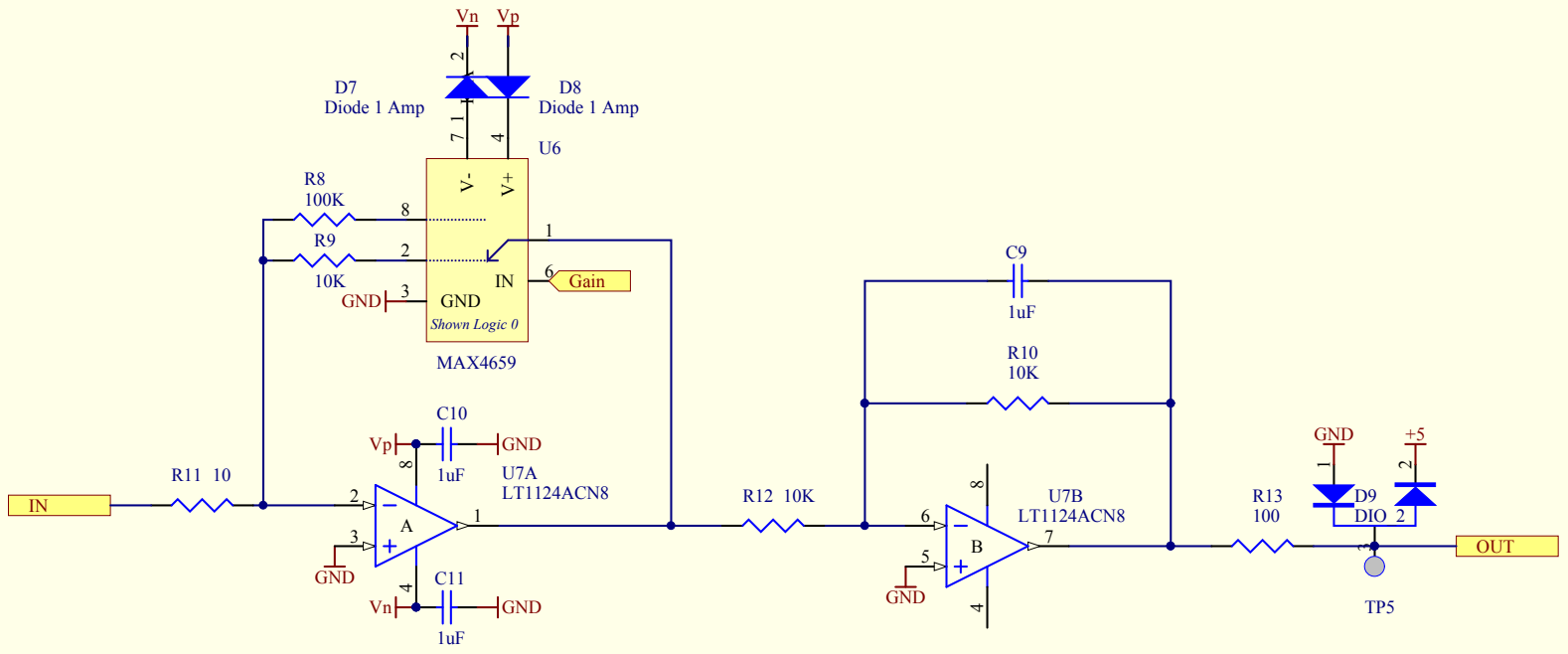



The +5V for J1 is supposed to be connected to pin 16 and 19, not pin 3 and 6. There is no harm in units having power on pins 3 and 6, so an easy fix is to short 3 to 16, and 6 to 19. This restores bias to the PD under test, without which the unit won't work.

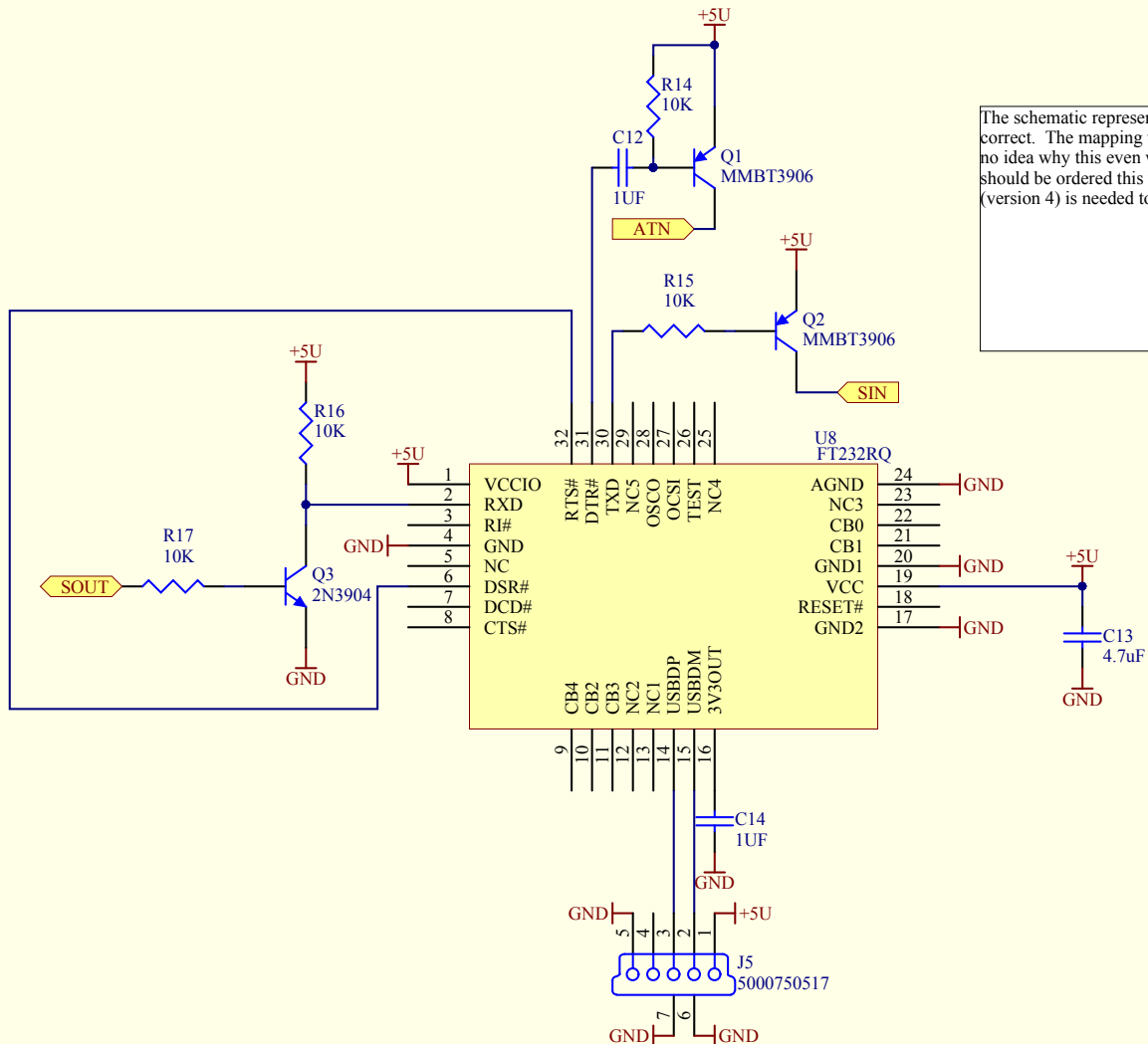


On the USB interface page, the schematic representation of Q1, Q2, and Q3 are correct. The mapping to the footprint is not. I have no idea why this even works, but no more boards should be ordered this way. A new revision (version 4) is needed to correct this footprint error

Title QPD LCD Readout			LIGO Project California Institute of Technology Massachusetts Institute of Technology		LIGO [®]	
Size: B	DCC Number: D1102092	SCH / PCB Revision: V3	Engineer: S. Abbott	Date: 9/25/2012		
File: C:\Rich's Files\Mycadfiles\ISC\QPD\QPD Calibrator\QPD LCD Readout V3\QPD LCD Readout V3.SchDoc				Time: 11:25:27 AM		
				Sheet * of *		



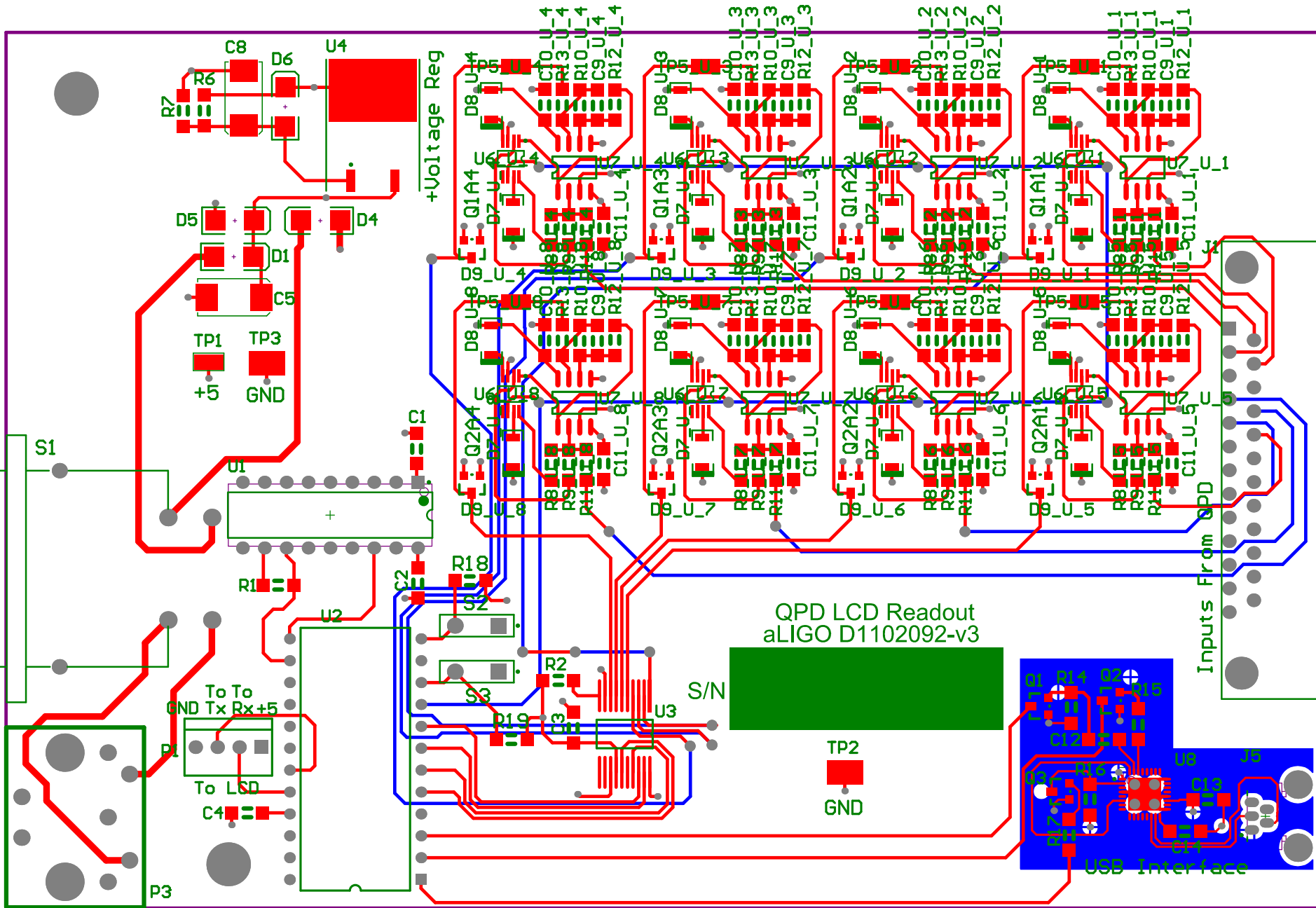
Title			* * *		
Size: A	DCC Number: D1102092	SCH / PCB Revision: V3	* Engineer:		
File: C:\Rich's Files\Mycadfiles\ISC\QPD\QPD Calibrator\QPD LCD Readout V3\QPD READOUT CH V3.SchDoc				Date: 9/25/2012 Time: 11:25:27 AM	
					Sheet * of *



The schematic representation of Q1, Q2, and Q3 are correct. The mapping to the footprint is not. I have no idea why this even works, but no more boards should be ordered this way. A new revision (version 4) is needed to correct this footprint error

Mini USB Programming Interface

Title			* * *		
QPD Readout USB Interface					
Size: A	DCC Number: D1102092	SCH / PCB Revision: V3	Engineer:	Date: 9/25/2012	
File: C:\Rich's Files\Mycadfiles\ISC\QPD\QPD Calibrator\QPD LCD Readout V3\usb interface V3.SchDoc				Time: 11:25:27 AM	Sheet * of *



QPD LCD Readout
aLIGO D1102092-v3

Inputs From QPD

USB Interface