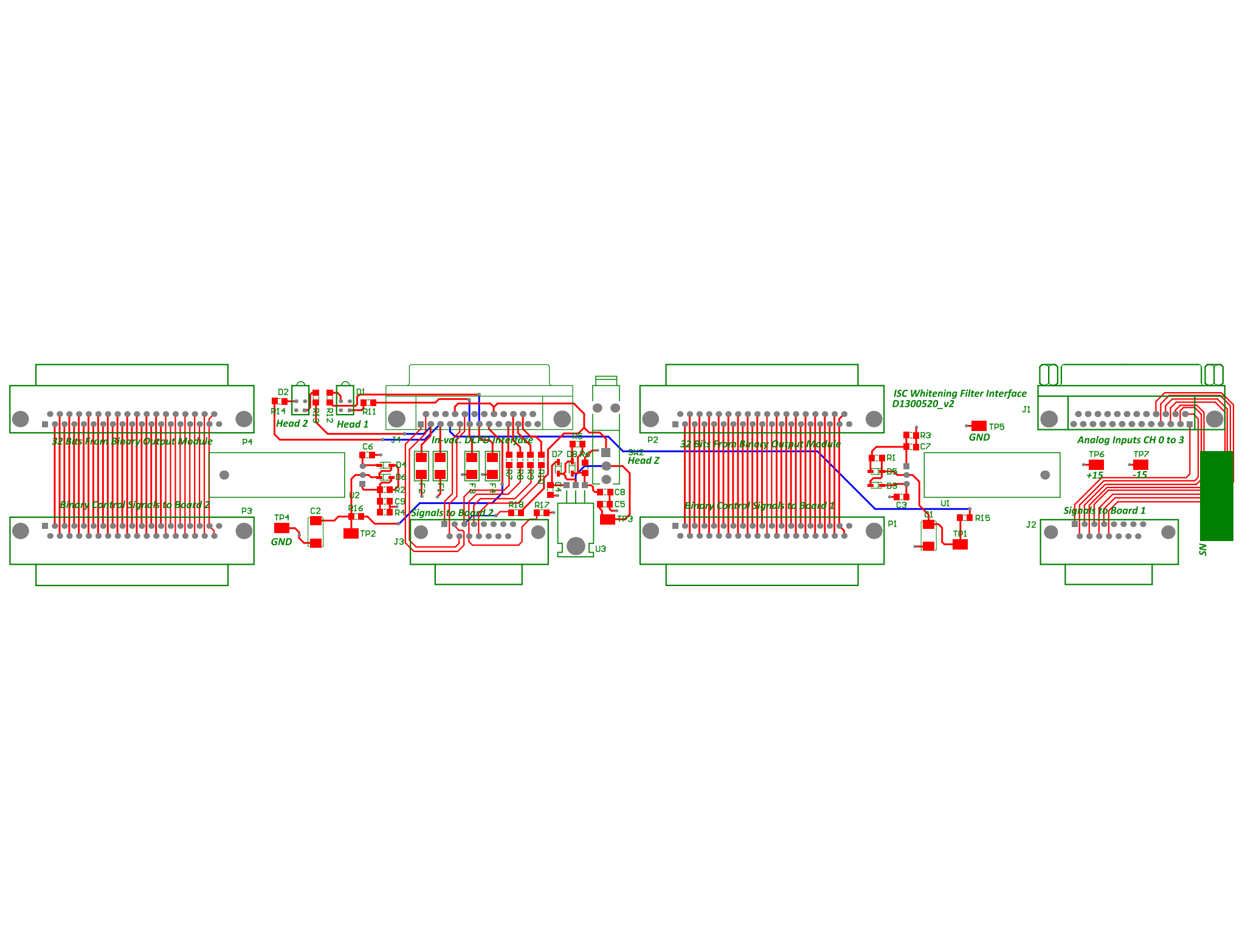


Version History:  
 Version 1. Initial Release  
 Version 2 - S2, the Head Transimpedance Switch was mounted backwards on the PCB. Pinout of 25 pin connector serving the DCPD was wrong on V1. Blown fuse LEDs were labeled backwards. V2 fixes these errors.  
 Version 3 - ECR E1600192  
 1. Remove R7, R8, R9, R10, R17, R18  
 2. On the back side of the circuit board, use hot glue to affix a 220pF leaded plastic film capacitor (399-7684-ND) each between 14 pins 1, 14, 5, 18 to 13 pins 3, 11, 4, 12 respectively using jumper wire as needed.  
 3. Version 2 PCB is still current



# LIGO Bill of Materials

**Source Data From:** WhiteningInterfaceSplit\_v3.PrjPCB  
**Board Designed By:** R. Abbott  
**Board D-number:** D1300520  
**Board Revision:** v3  
**Variant:** None

**Creation Date:** 8/29/2016 4:06:56 PM  
**Print Date:** 29-Aug-16 4:06:58 PM

Designator	Comment	#Column Name Error:Description	Digikey Part Number	Column Name Error:Manufacturers Part Nu	Quantity
C1, C2	10UF Tantalum, 35V		478-1722-1-ND		2
C3, C4, C5, C6, C7, C8, C9	1uF		445-4044-1-ND		7
D1, D2	Stacked LED		67-1321-ND		2
D3, D4, D5, D6, D7, D8	RB160M-60		RB160M-60CT-ND		6
F1, F2, F3, F4	0.5A		F2975CT-ND		4
J1	CONN D-SUB PLUG R/A 25POS 30GOLD		6E17C-025P-AJ-121-ND		1
J2, J3	D Connector 15_1_male		6E17C-015P-AJ-121-ND		2
J4	D Connector 25		6E17C-025S-AJ-120-ND		1
P1, P3	37 Pin D-Sub		omit, have on hand		2
P2, P4	37 Pin D-Sub		6E17C037SAJ120-ND		2
R1, R2, R5	249		RNCP1206FTD249RCT-ND		3
R3, R4	2.1k		P2.1KBCCT-ND		2
R6	732		P732BCCT-ND		1
R7, R8	OMIT		OMIT		2
R9, R10, R17, R18	OMIT		P0.0ECT-ND		4
R11, R12, R13, R14	1K		TNP1.00KACCT-ND		4
R15, R16	1 ohm		P1.0RCT-ND		2
SW2	SPDT		450-1518-ND		1
TP1, TP2, TP3, TP4, TP5, TP6, TP7	TESTPT		5016KCT-ND		7
U1, U2, U3	LM317T		LM317TFS-ND		3