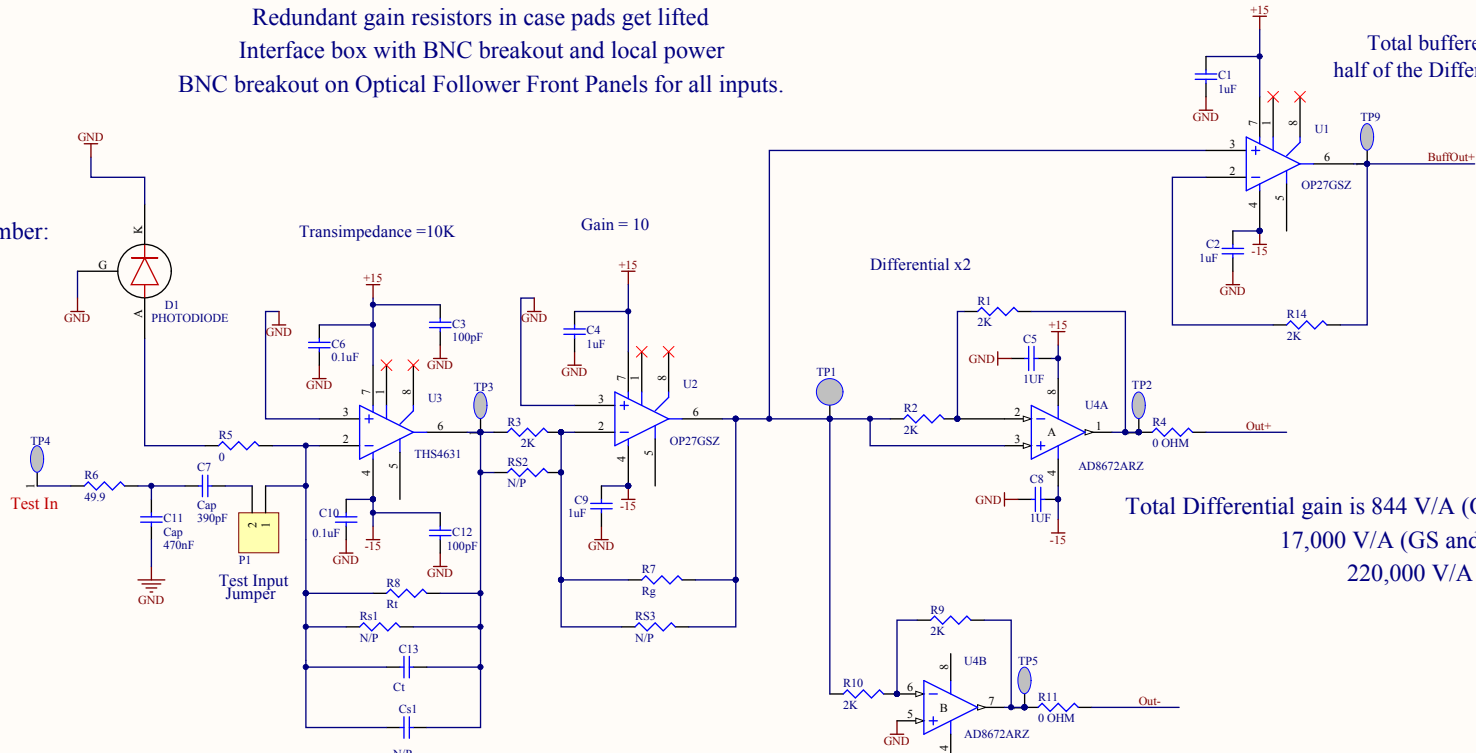


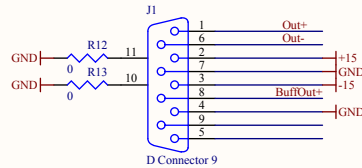
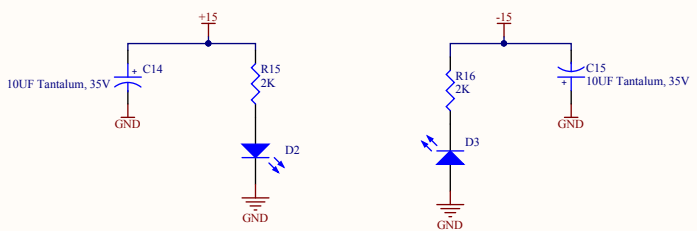
Redundant gain resistors in case pads get lifted
 Interface box with BNC breakout and local power
 BNC breakout on Optical Follower Front Panels for all inputs.

Photodiode Part Number:
 Pacer# C30665GH

Total buffered gain is
 half of the Differential gain.



Total Differential gain is 844 V/A (OFS)
 17,000 V/A (GS and Rx)
 220,000 V/A (Tx)



Photodiode	Transimpedance Resistor, Rt	Transimpedance Cap., Ct	Gain Resistor, Rg
OFS (10)	422 Ohms	30pF	2K
Rx, GS (15)	8.45K	6.8pF	2K
Tx (10)	11K	5.6pF	20K

Title PCal Photodiode Head			
Size: B	DCC Number: D1300210	Ligo Project California Institute of Technology Massachusetts Institute of Technology	
Drawn by: Ben Abbott	Date: 7/24/2013	Revision: v1	
File: C:\restored\Ben\AOS\PCal Stuff\PCalPD\PCalPD Sch.Doc			
Time: 10:51:30 AM			Sheet 1 of 1