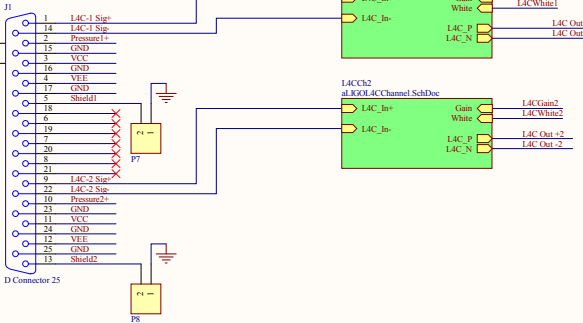
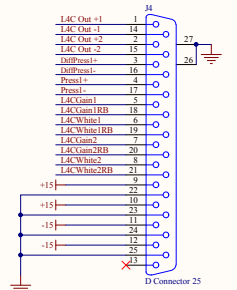


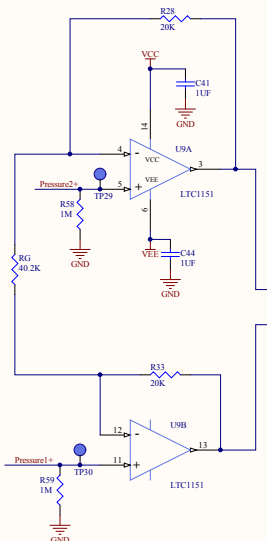
From L4Cs



To aLIGO L4C Back Board

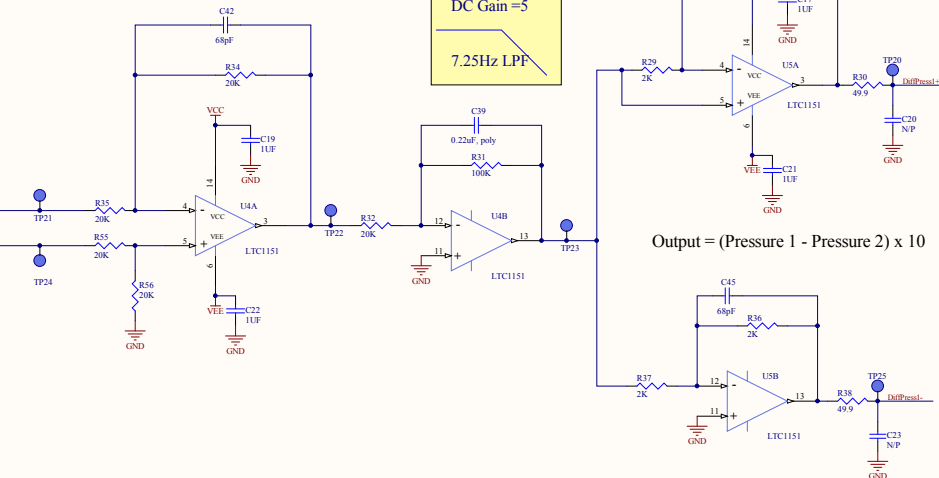


DC Gain = 2



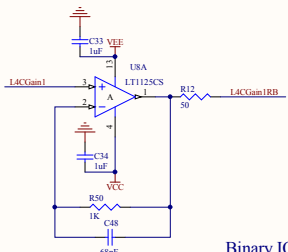
Differential Pressure Pod1 - Pod2

DC Gain = 5
7.25Hz LFP

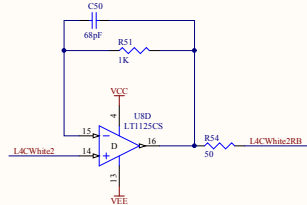
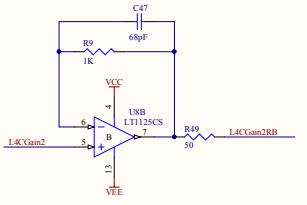
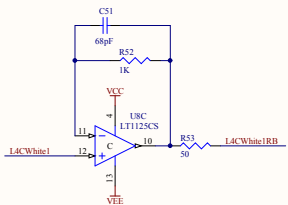


Output = (Pressure 1 - Pressure 2) x 10

aLIGO L4C Interface

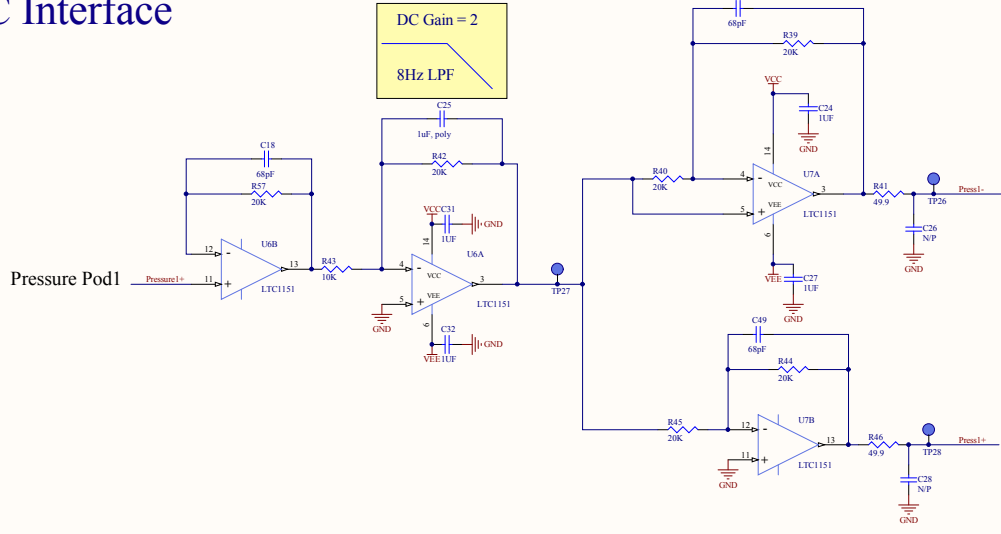


Binary IO readbacks



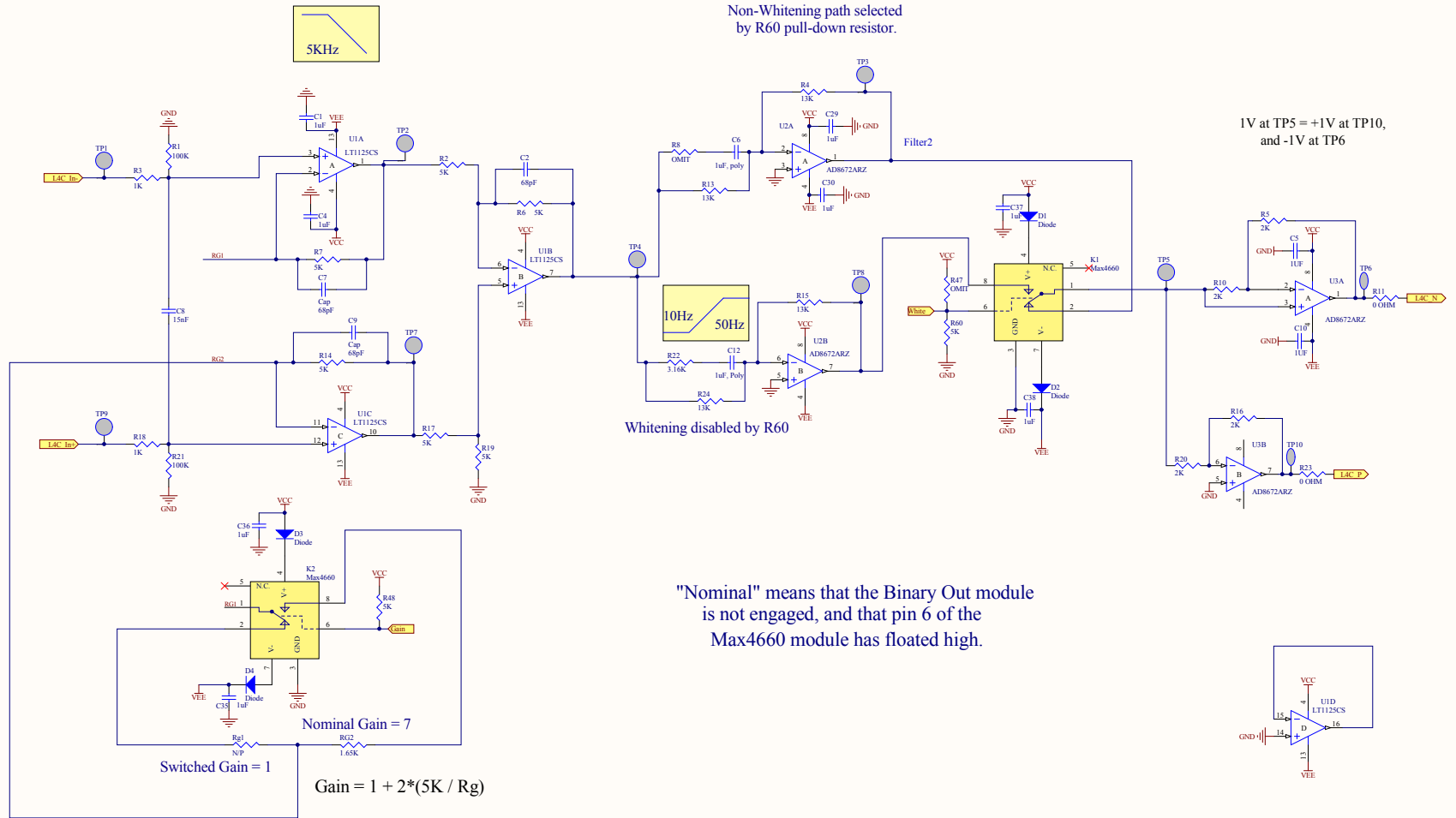
Pressure Pod1

DC Gain = 2
8Hz LFP



Title	aLIGO L4C Interface		
Size	C	DC Number: LIGO-D1002739	Ligo Project California Institute of Technology Massachusetts Institute of Technology
Drawn by:	Ben Abbott	Date: 12/1/2010	Revision: v1
File:	C:\renson\Ben\son\ISL\ALIGO\4C\Interface\ALIGO4CInterface.sch		
Printed:	5:26:40 PM Sheet 1 of 2		

Whitening is a 10Hz Zero, and a 50Hz Pole. Overall gain=2 @DC.
 There is also 1 pole @ 2KHz, and 1 pole @ 2.24KHz.



"Nominal" means that the Binary Out module is not engaged, and that pin 6 of the Max4660 module has floated high.

Title: aLIGO LAC Interface Channel			
Size: C	DCC Number: LIGO-D1002739	Ligo Project California Institute of Technology Massachusetts Institute of Technology	
Drawn by: Ben Abbott	Date: 12/1/2010	Revision: v1	Cannot open file C:\Ben\misc\lan\yloglog_1.jpg
File: C:\Users\Ben\Documents\IGLO\LAC\Interface\IGLO_LAC_Channel_Schematic_Sheet_2_of_2			

