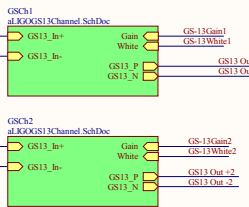
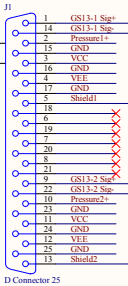
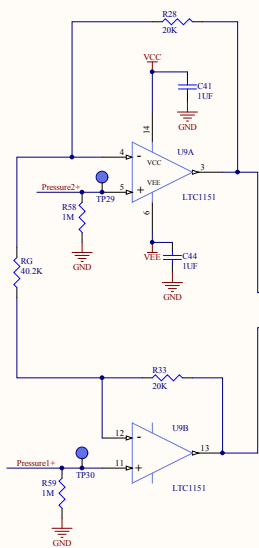


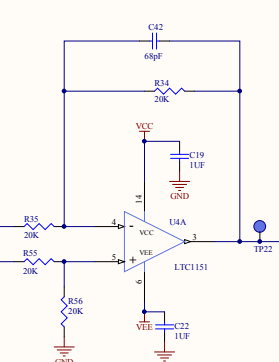
From GS-13s



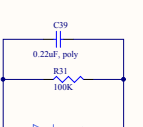
DC Gain = 2



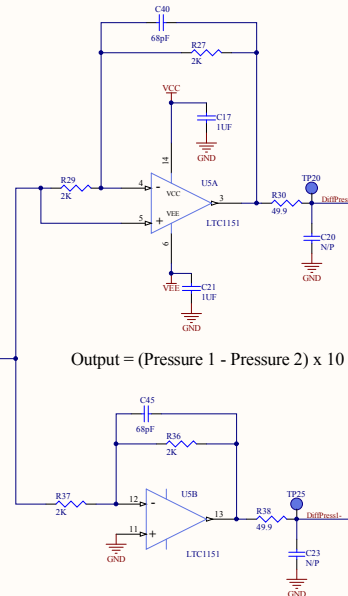
Differential Pressure Pod1 - Pod2



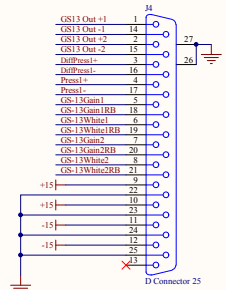
DC Gain = 5  
7.25Hz LFP



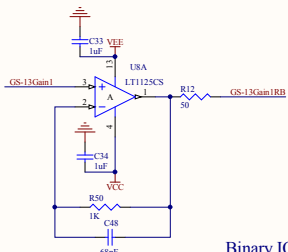
Output = (Pressure 1 - Pressure 2) x 10



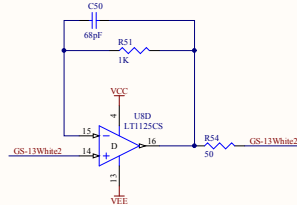
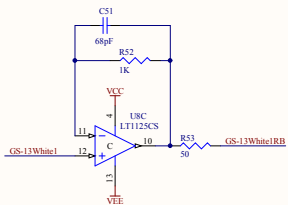
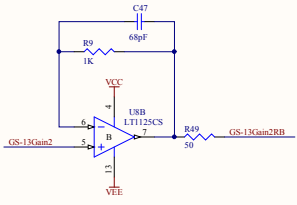
To BSC ISI Back Board



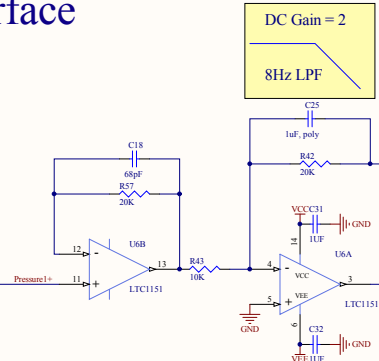
# aLIGO GS-13 Interface



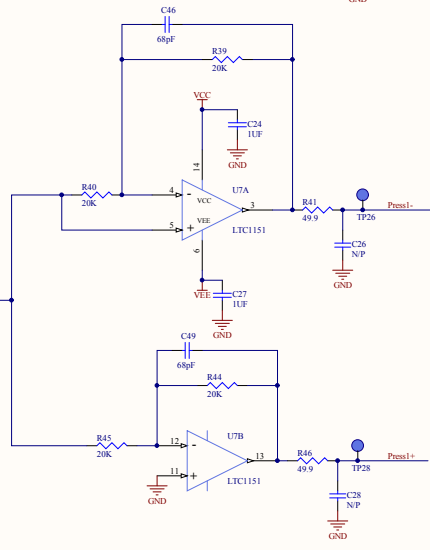
Binary IO readbacks



Pressure Pod1

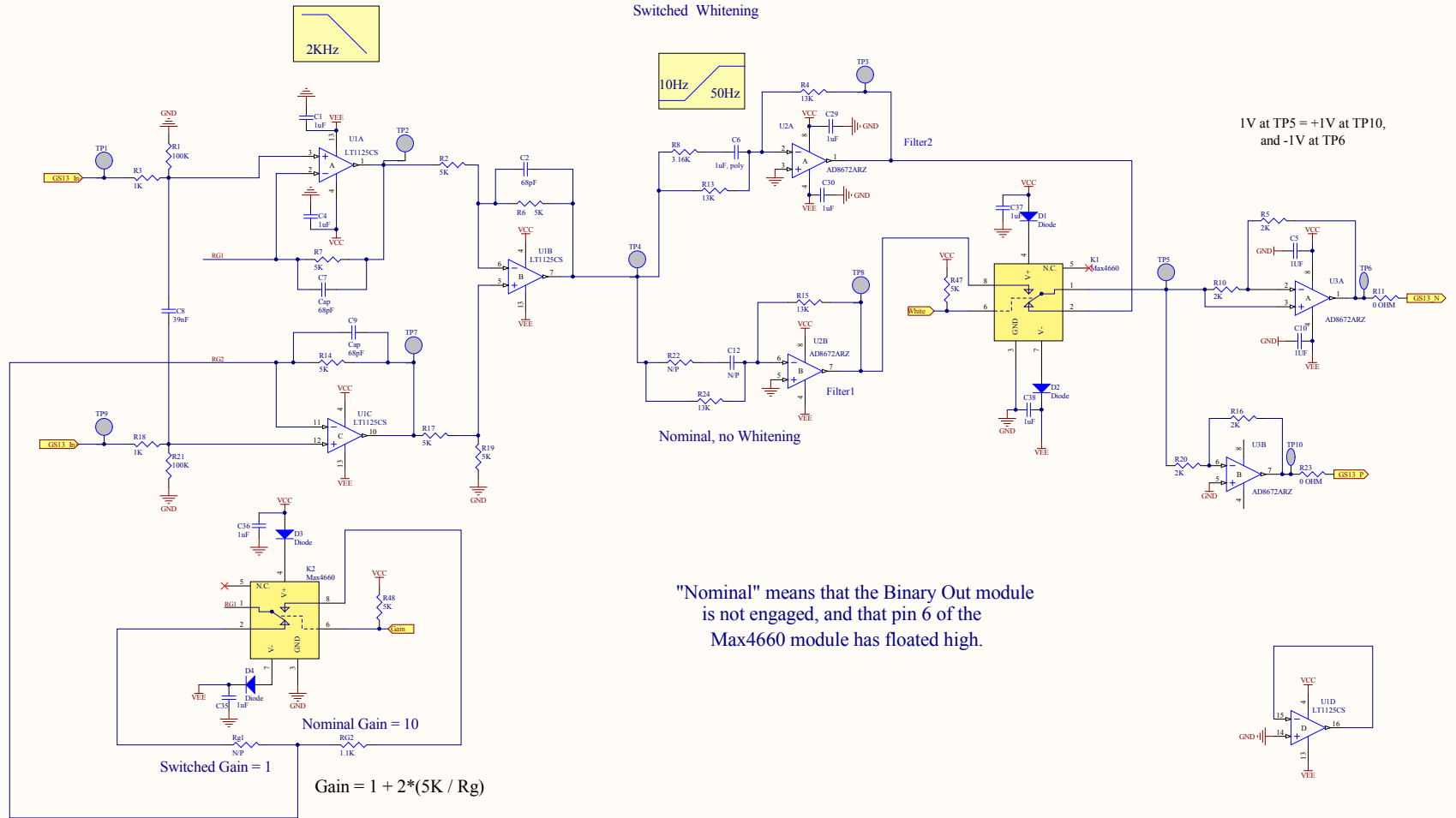


DC Gain = 2  
8Hz LFP



Title: <b>aLIGO GS-13 Interface</b>			
Size: C	DCC Number: LIGO-D1002706	Ligo Project California Institute of Technology Massachusetts Institute of Technology	Cannot open file C:\Bemiscelan rylogica_1.jpg
Drawn by: Ben Abbott	Date: 11/2/2010	Revision: v1	File: C:\resonator\Ben\Source\ISL\IGOGS-13\Interface\al_IGOGS-13\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.

