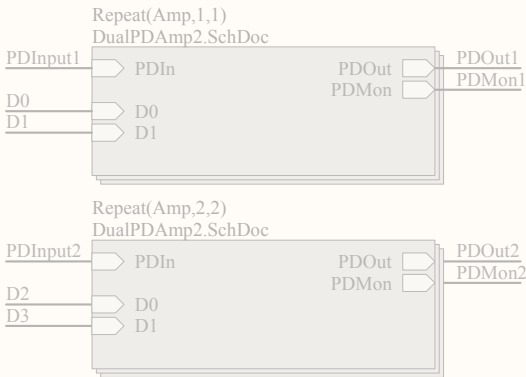
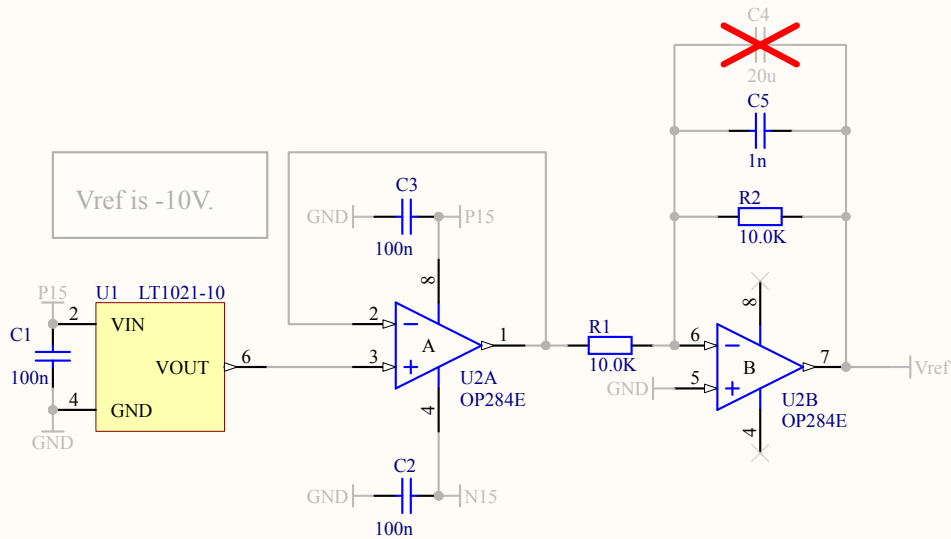
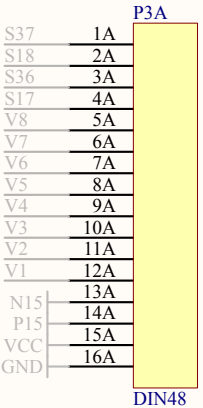
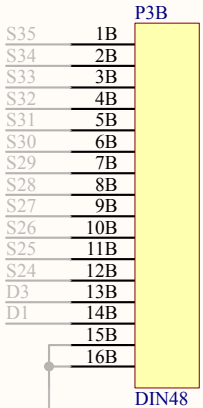
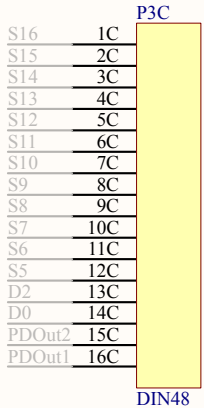
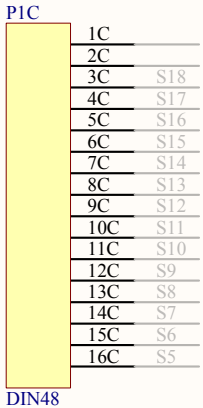
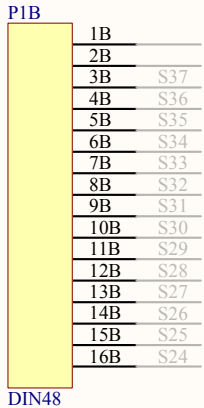
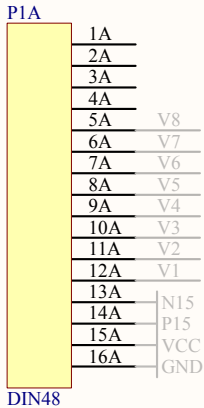
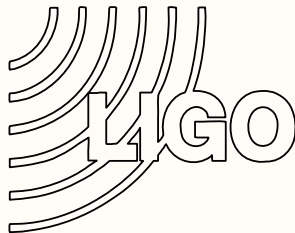
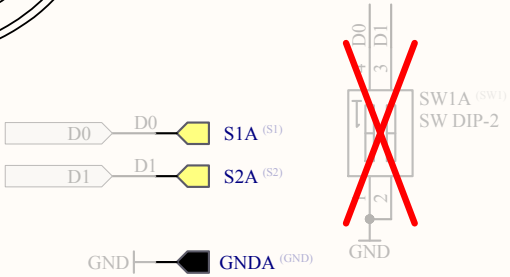
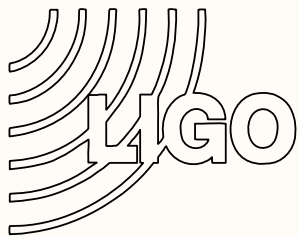


The board to board spacing is 3.200".
The actual board width is 3.160".
The board height is 4.500".
The cut-out for the DIN connector starts 1.700" back.
The cut-out is 0.147" deep.
The board is placed a 0.000" behind the front panel.

For a standalone board, the power supplies are provided through the 4-pin power connector on the rear of the board.

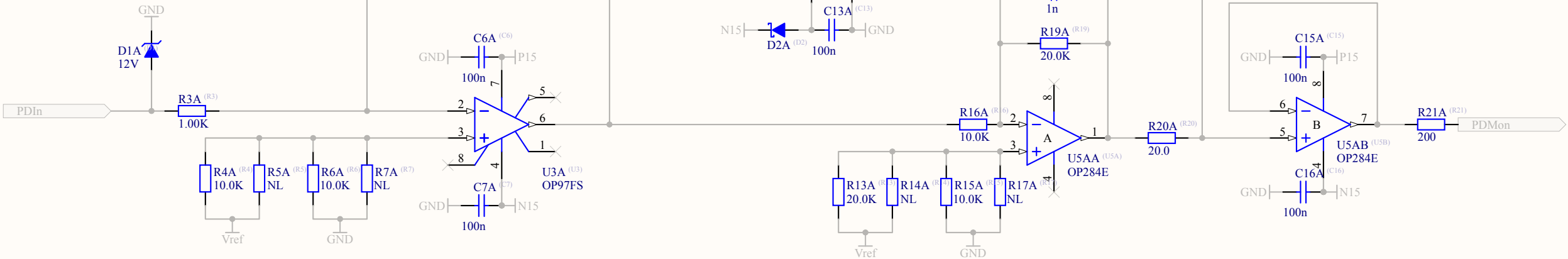
Title		
Dual DC Photodiode Amplifier		
Size	Number	Revision
B	D1200543	2
Date:	12/10/2013	Sheet 1 of 2
File:	D:\Users\...\DualPDamp1.SchDoc	Drawn By: Daniel Hoak



Connections for external gain setting.
Gray code rotary switch:
Digi-Key GH7411-ND

Dip switches need to be off
for adusting the gain by
rotary switch or remote.

Gain	D1	D0
0dB	-	-
10dB	-	x
20dB	x	x
30dB	x	-



Transimpedance Gains reduced by 10 for increased laser power (40W).
Further increases in laser power will require further reductions in gain.

Title Dual DC Photodiode Amplifier		
Size B	Number D1200543	Revision 2
Date: 12/10/2013	Sheet2 of 2	
File: D:\Users\...\DualPDamp2.SchDoc	Drawn By: Daniel Hoak	