

Title			Last Edited:	
Top View			LIGO Laboratory	
Site: C DCC Number: D1102060 SCH / PCB Revision: v1			California Institute of Technology	
File: C:\Revs\Files\Mvead\files\ISCal LIGO - Interface.LSC - Int_top SCHDoc			Massachusetts Institute of Technology	
Engineer: R. Abbott	Date: 10/25/2011	LIGO		
Time: 4:35:53 PM				
Sheet 1 of 6				

1 2 3 4

A

A

B

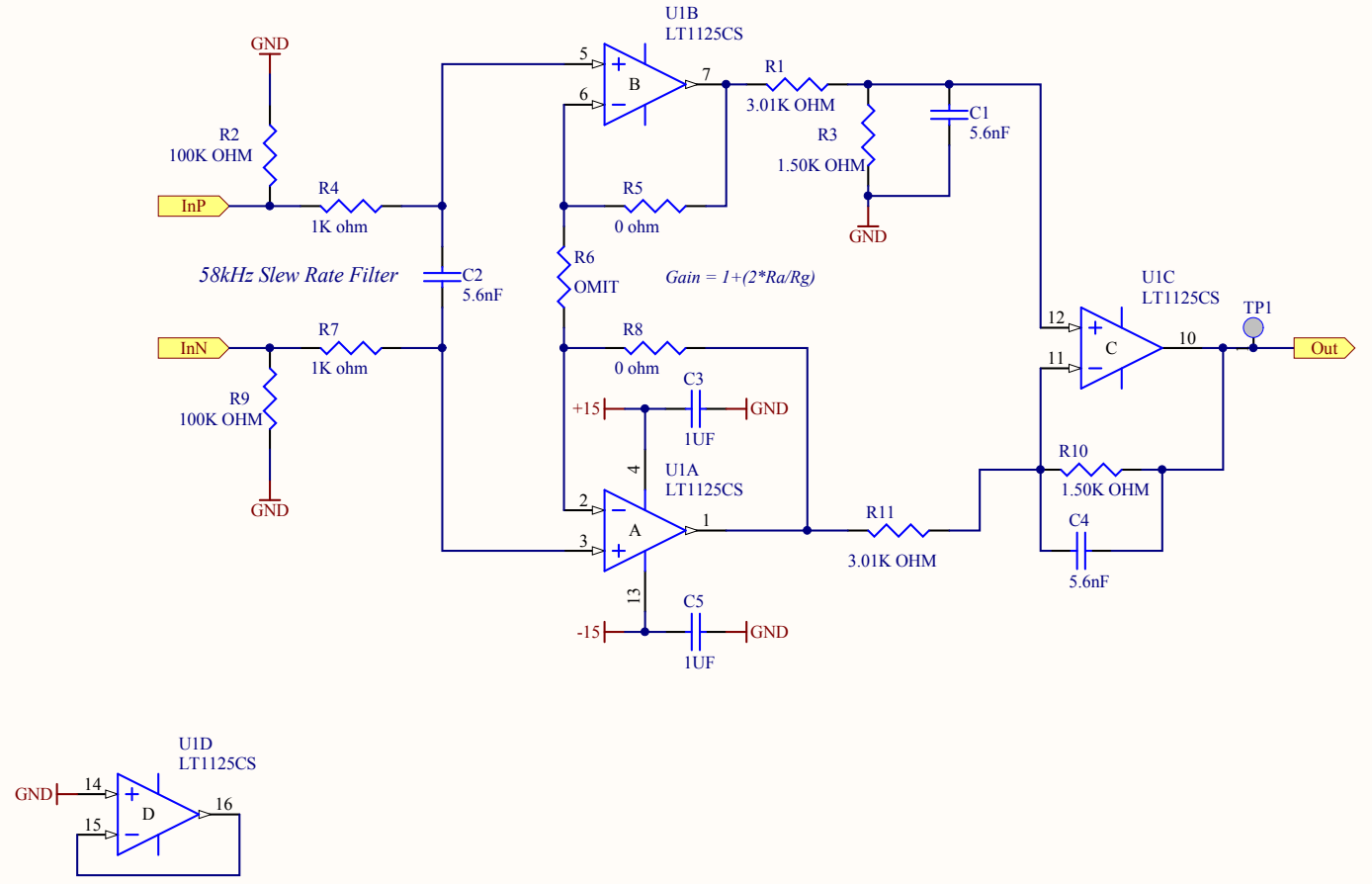
B

C

C

D

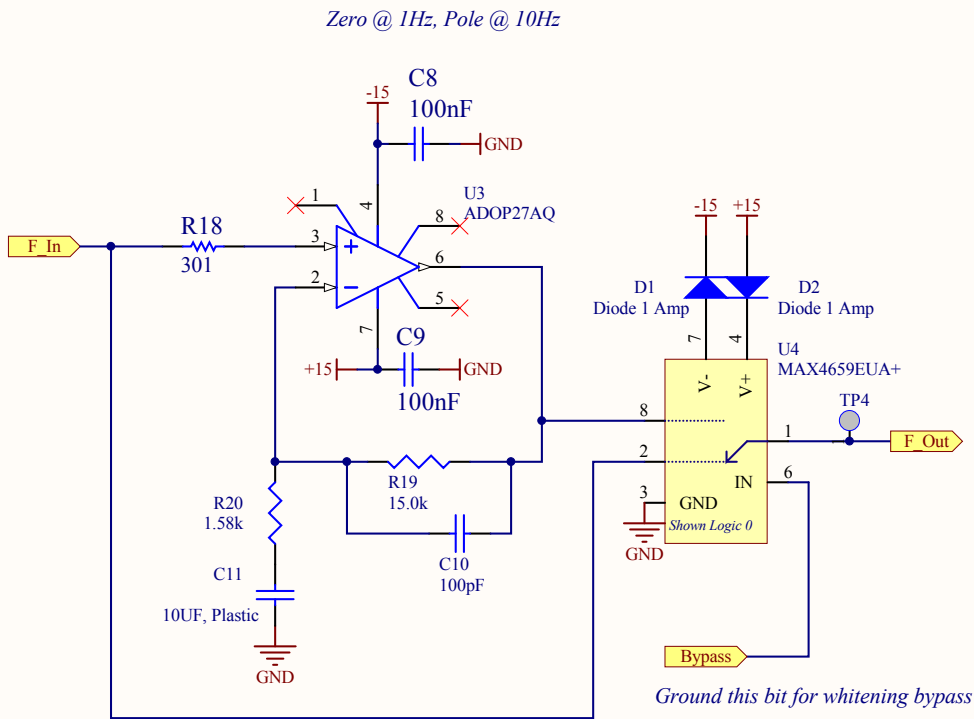
D



Last Edited:

Title		<i>Differential Input</i>		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO [®]	
Size: A	DCC Number: D1102060	Revision: v1	Engineer: R. Abbott	Date: 10/25/2011			
File: C:\Rich's Files\Mycadfiles\ISCaLIGO_LSC Interface\diff_in.SchDoc				Time: 4:35:53 PM	Sheet 2 of 6		

1 2 3 4



Title <i>Filter</i>		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		
Size: A	DCC Number: D1102060	Revision: v1	Engineer: R. Abbott	Date: 10/25/2011
File: C:\Rich's Files\Mycadfiles\ISCaLIGO_LSC_Interface\FILTER.SchDoc				Time: 4:35:53 PM
				Sheet 3 of 6

Last Edited:



Date: 10/25/2011

Time: 4:35:53 PM

Sheet 3 of 6

1

2

3

4

A

A

B

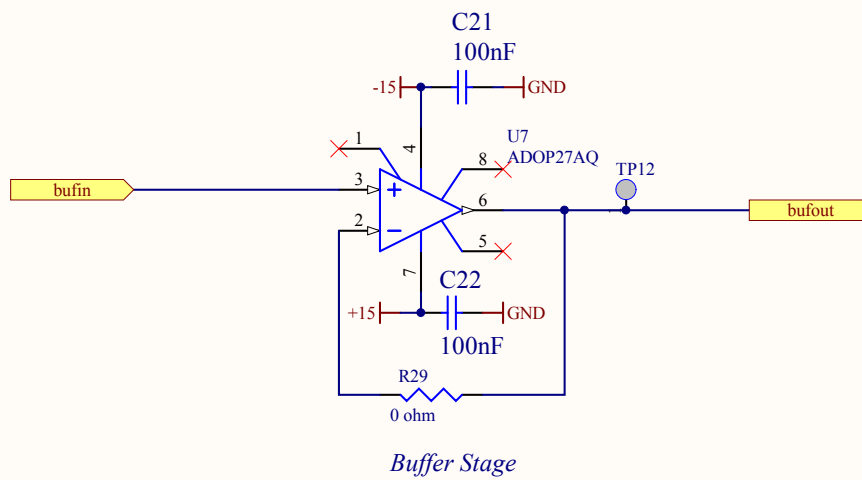
B

C

C

D

D



Last Edited:

Title

Buffer

LIGO Laboratory
California Institute of Technology
Massachusetts Institute of Technology

Size: A

DCC Number: D1102060

Revision: v1

Engineer: R. Abbott

Date: 10/25/2011

Time: 4:35:53 PM

File: C:\Rich's Files\Mycadfiles\ISCaLIGO_LSC_Interface\buffer.SchDoc

Sheet 4 of 6

1

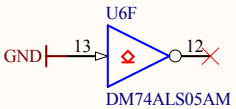
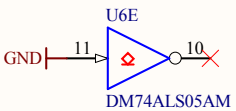
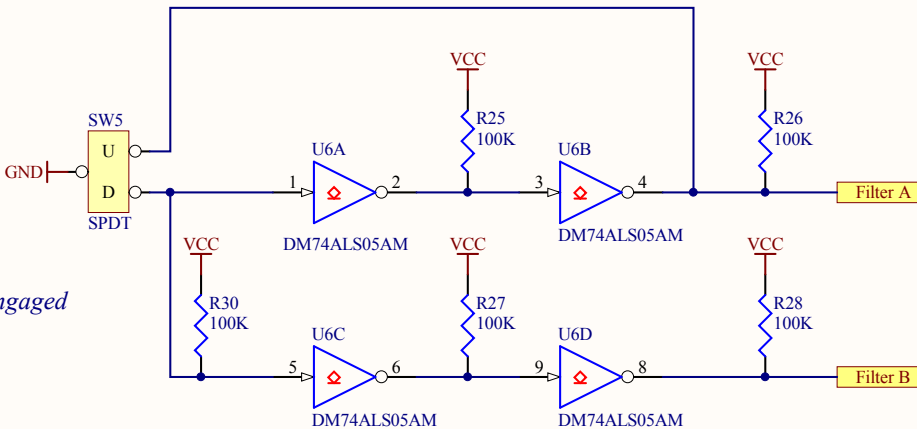
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3

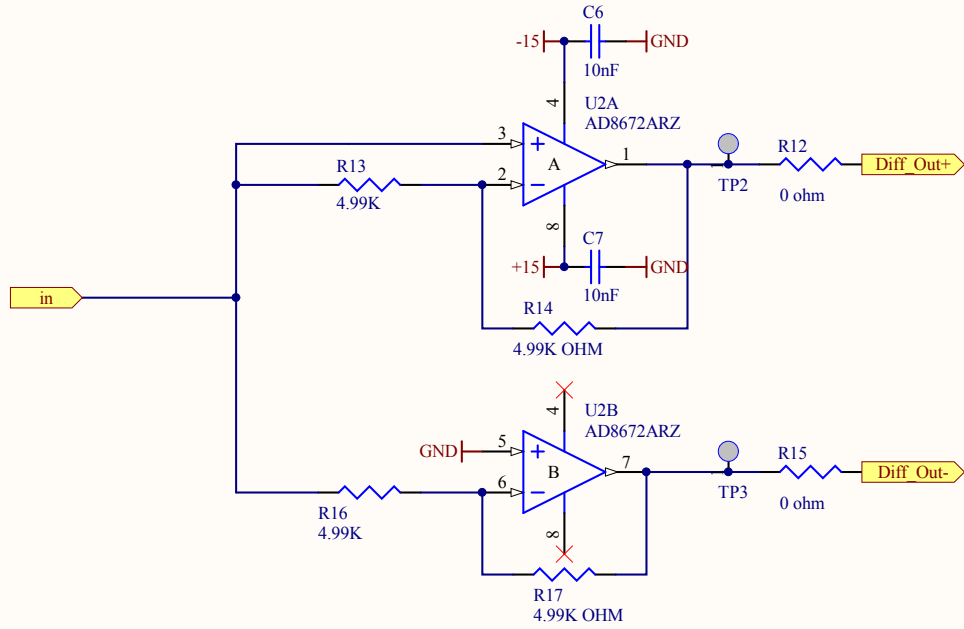
4

Bypass Switch (Front Panel)
3-Position Switch ON-OFF-ON

U=UP= Filter A Bypassed, Filter B Engaged
MID=Filter A & B Engaged
D=DOWN=Filter A&B Bypassed



Title		Last Edited:	
Switch Logic		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology	
Size: A	DCC Number: D1102060	Revision: v1	Engineer: R. Abbott
File: C:\Rich's Files\Mycadfiles\ISCaLIGO_LSC_Interface\switch logic.SchDoc		Date: 10/25/2011	Time: 4:35:53 PM
		Sheet 5 of 6	



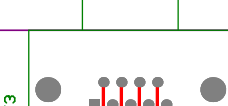
Last Edited:

Title Differential Output		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO	
Size: A	DCC Number: D1102060	Revision: v1	Engineer: R. Abbott	Date: 10/25/2011	
File: C:\Rich's Files\Mycadfiles\ISCaLIGO_LSC_Interface\diff_out.SchDoc				Time: 4:35:53 PM	Sheet 6 of 6

D1102060-V1 LSC RFPD Interface



Serial Number

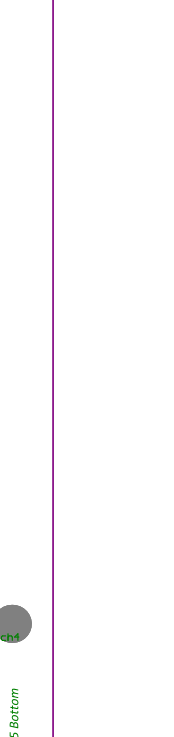
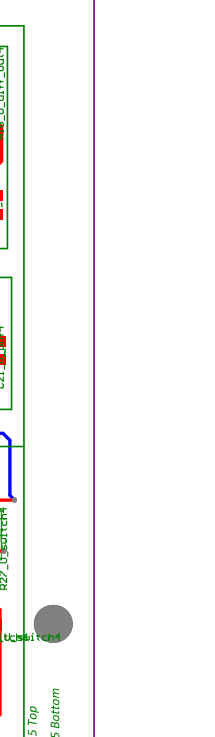
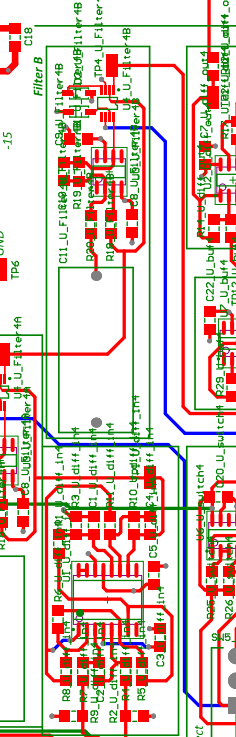
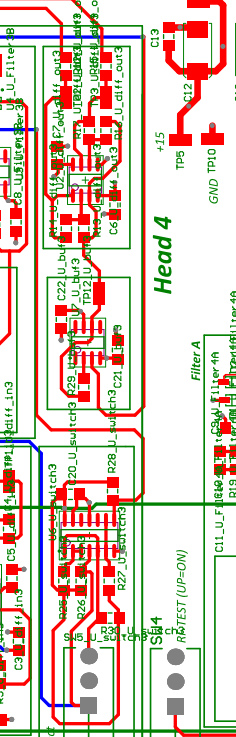
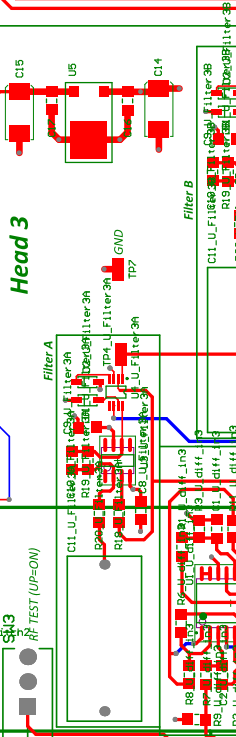
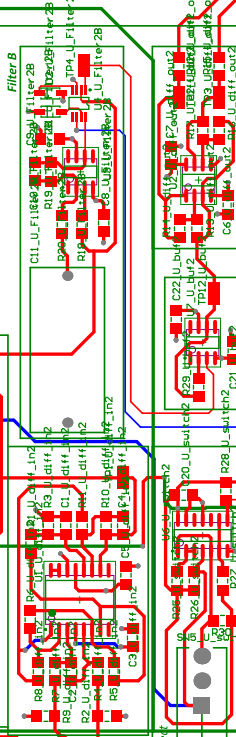
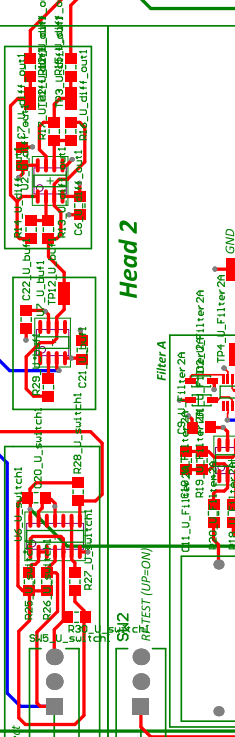
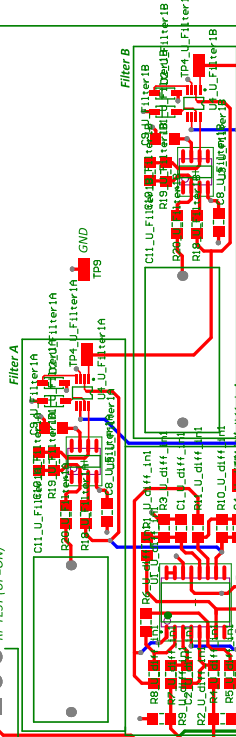
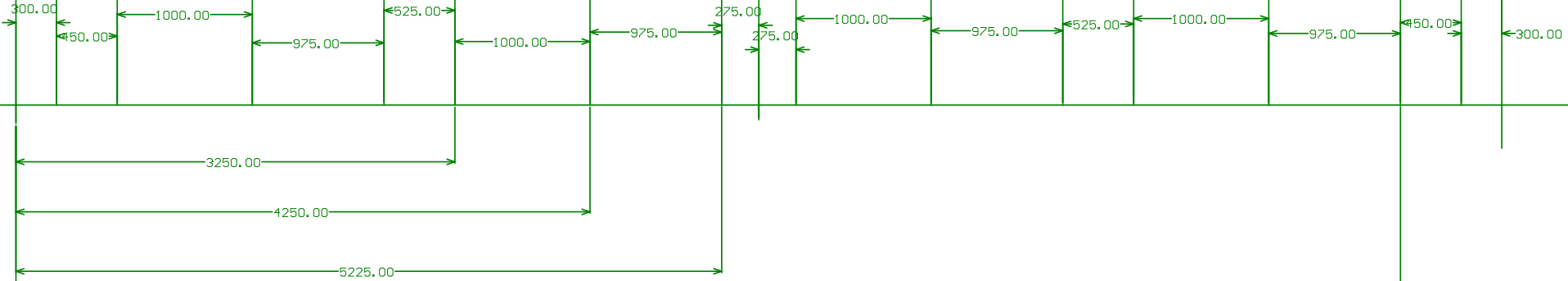
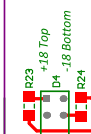


Head 1

Head 2

Head 3

Head 4



Analog Photomultiplier Outputs



RF TEST (UP=ON)

RF TEST (UP=ON)

RF TEST (UP=ON)

Filter A

Filter A

Filter A

Filter A

Filter B

Filter B

Filter B

Filter B

