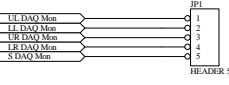
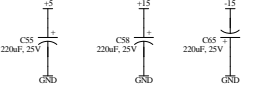
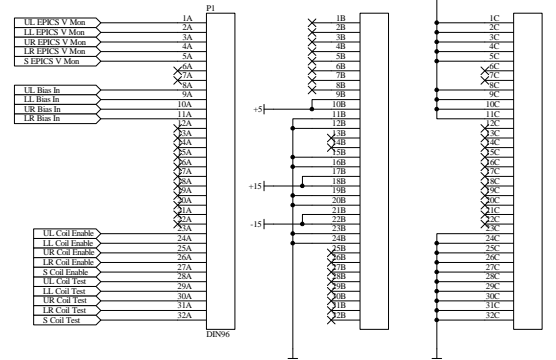
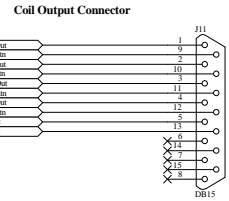
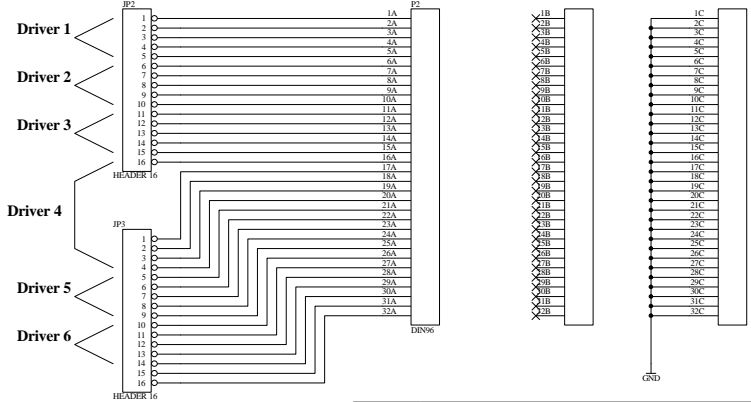


Note:
 1W, 430 ohm resistors are used in MMT1, MMT2, SM1, and SM2 controllers.
 1W, 227 ohm resistors are used in MMT3 controller.
 7.52K ohm resistors are used in MC1, MC2 and MC3 controllers.

Note: Fixed R and Pot values adjusted for particular optic.



Connections to DAQ Whitenings made via P2
 Wire jumpers are installed to connect monitors to appropriate pins on P2



Rev	Description	Date
A	Initial Release	1/01
A1	1. Changed R7, R21, R29, R43, R55 from 523, 1/2 watt to 511, 1/2 watt. 2. Changed R12, R9, R34, R32, R46 to 1K and added Radd1, Radd2, Radd3, Radd4, Radd5 to make EPICS voltage monitors for channel 0.5V/V.	10/01
B	1. All Rev A1 Changes 2. Added Coil Enable switches to inputs. 3. Added Bias Inputs and Fast Input for UL, LL, UR and LR. 4. Reannotated board and schematic.	12/01

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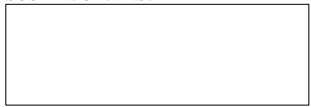
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SOSDriver1RevB
SOSDriver1RevB.Sch

- UL Coil Test
- UL EPICS V Mon
- UL DAQ Mon
- UL Coil Out
- UL Coil Rtn
- LL Coil Test
- LL EPICS V Mon
- LL DAQ Mon
- LL Coil Out
- LL Coil Rtn
- UR Coil Test
- UR EPICS V Mon
- UR DAQ Mon
- UR Coil Out
- UR Coil Rtn
- LR Coil Test
- LR EPICS V Mon
- LR DAQ Mon
- LR Coil Out
- LR Coil Rtn

SOSDriver3RevB
SOSDriver3RevB.Sch



SOSDriver2RevB
SOSDriver2RevB.Sch

- S Coil Test
- S EPICS V Mon
- S DAQ Mon
- S Coil Out
- S Coil Rtn
- UL Coil Out
- UL Coil Rtn
- LL Coil Out
- LL Coil Rtn
- UR Coil Out
- UR Coil Rtn
- LR Coil Out
- LR Coil Rtn
- S Coil Out
- S Coil Rtn
- S EPICS V Mon
- UL EPICS V Mon
- LL EPICS V Mon
- UR EPICS V Mon
- LR EPICS V Mon
- UL Coil Test
- LL Coil Test
- UR Coil Test
- LR Coil Test
- S Coil Test
- UL DAQ Mon
- LL DAQ Mon
- UR DAQ Mon
- LR DAQ Mon
- S DAQ Mon

D

D

C

C

B

B

A

A

Title		<i>SOS Coil Driver Module</i>		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO	
Size: B	DCC Number: D010001	SCH / PCB Revision: B	Engineer: J. Heefner	Date: 2-Jan-2002	Time: 10:31:54		
File: E:\head\ligo\users\jay\SOSDriver\RevB\SOSDriverRevB.Prj				Sheet 0 of 3			

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