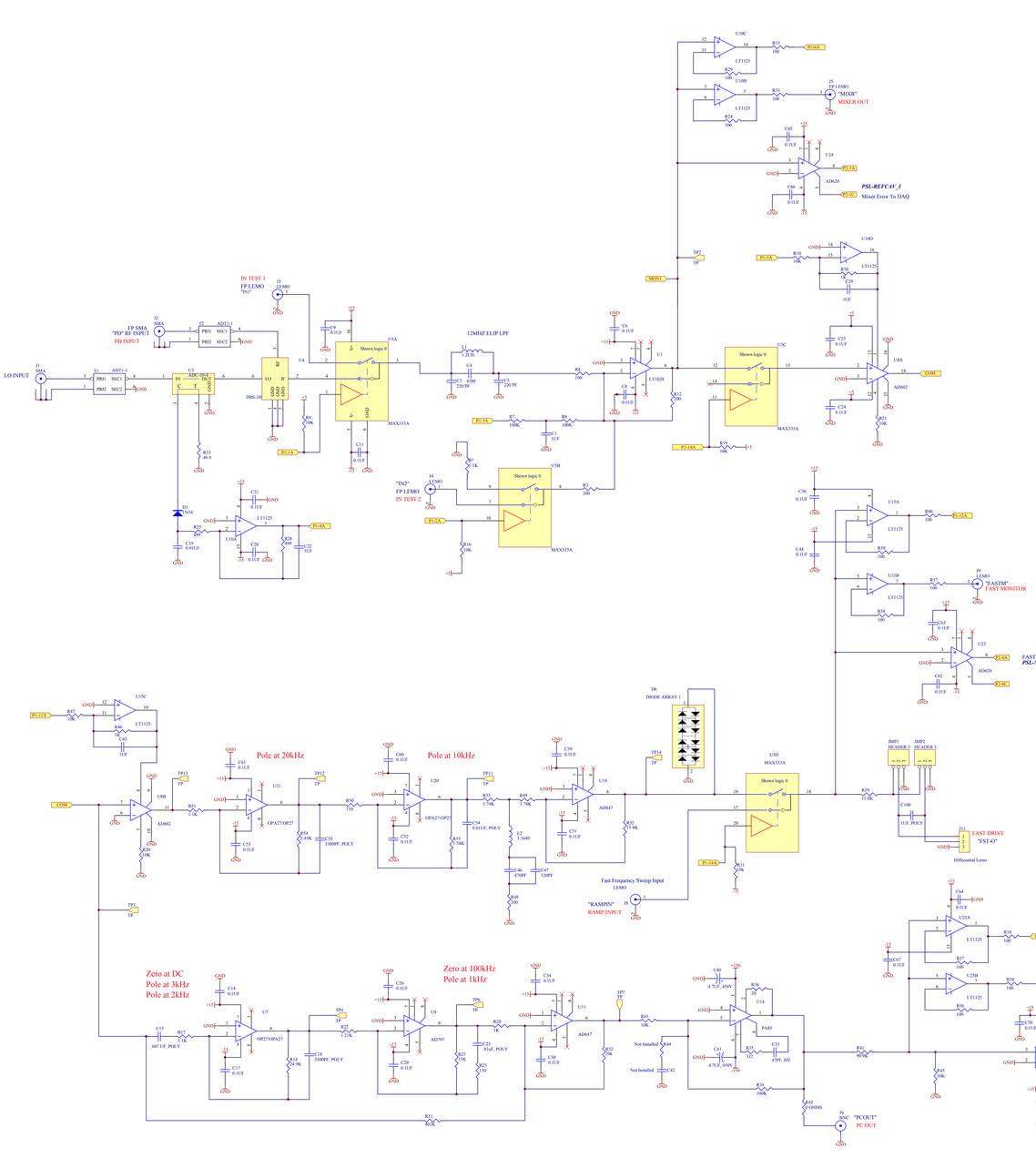
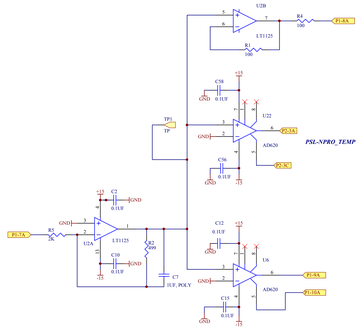
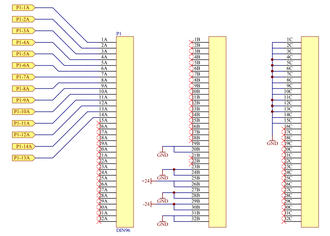
PSL Frequency Stabilization

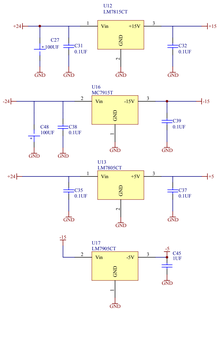
Frequency Stabilization Servo Rev. E

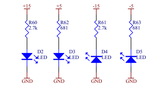
Engineering Change Order History			
	ECO number	Date	Originator
1			
2			
3			
4			
5			











Change Summary for Rev E Boards

* **U7 was an LT1028 and is now an OPA27**
* **R31 has been changed from 100K to 402K**
* **Capacitor in parallel with R52 across U9 has been eliminated from this schematic**
* **R44 and C42 are not installed**
* **C16 formerly in series with C18 has been shorted out.**
* **1ufd External Cap in the Fast Drive area has now been formally designated C100**

Part Substitutions

Op-amps in locations U9, U11, U19 may be replaced with part LT1028.

U12 regulators LM7815CT and LM3401T-15 are interchangeable.

U15 regulators MC7925T and LM7915CT are interchangeable.

U5 MAX333A can not be replaced with MAX333.

REV	DATE	DRAWN BY	CHECKED BY	DCC	DCN / DESCRIPTION
E					E010168-00-C

Title: *Frequency Stabilization Servo*			*LIGO Laboratory* *California Institute of Technology* *Massachusetts Institute of Technology*
Size: D	Number: D980536-E-C	Revision: E	Engineer: *Richard Abbott*
File:	Date: Oct 1, 2001	Time:	Sheet of LIGO