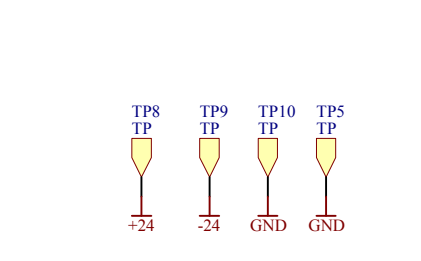
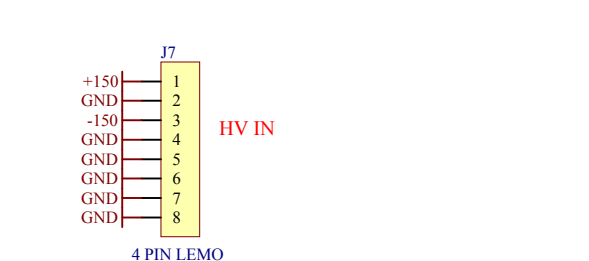
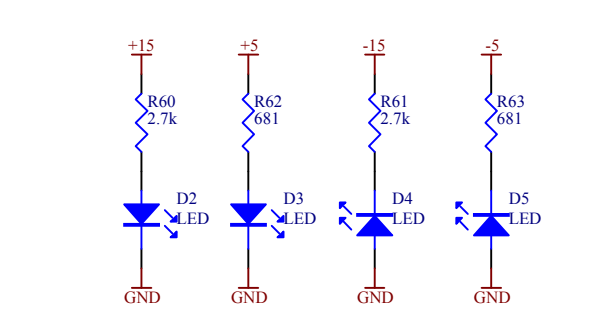
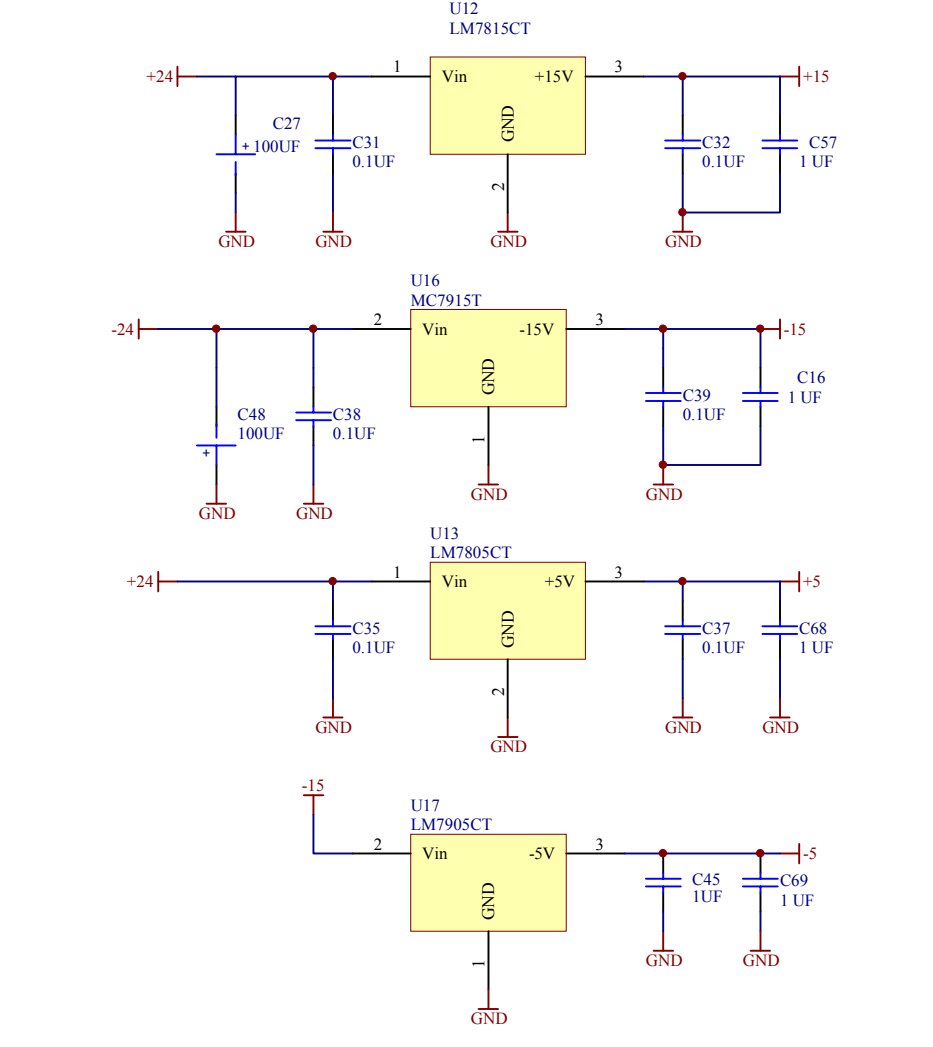
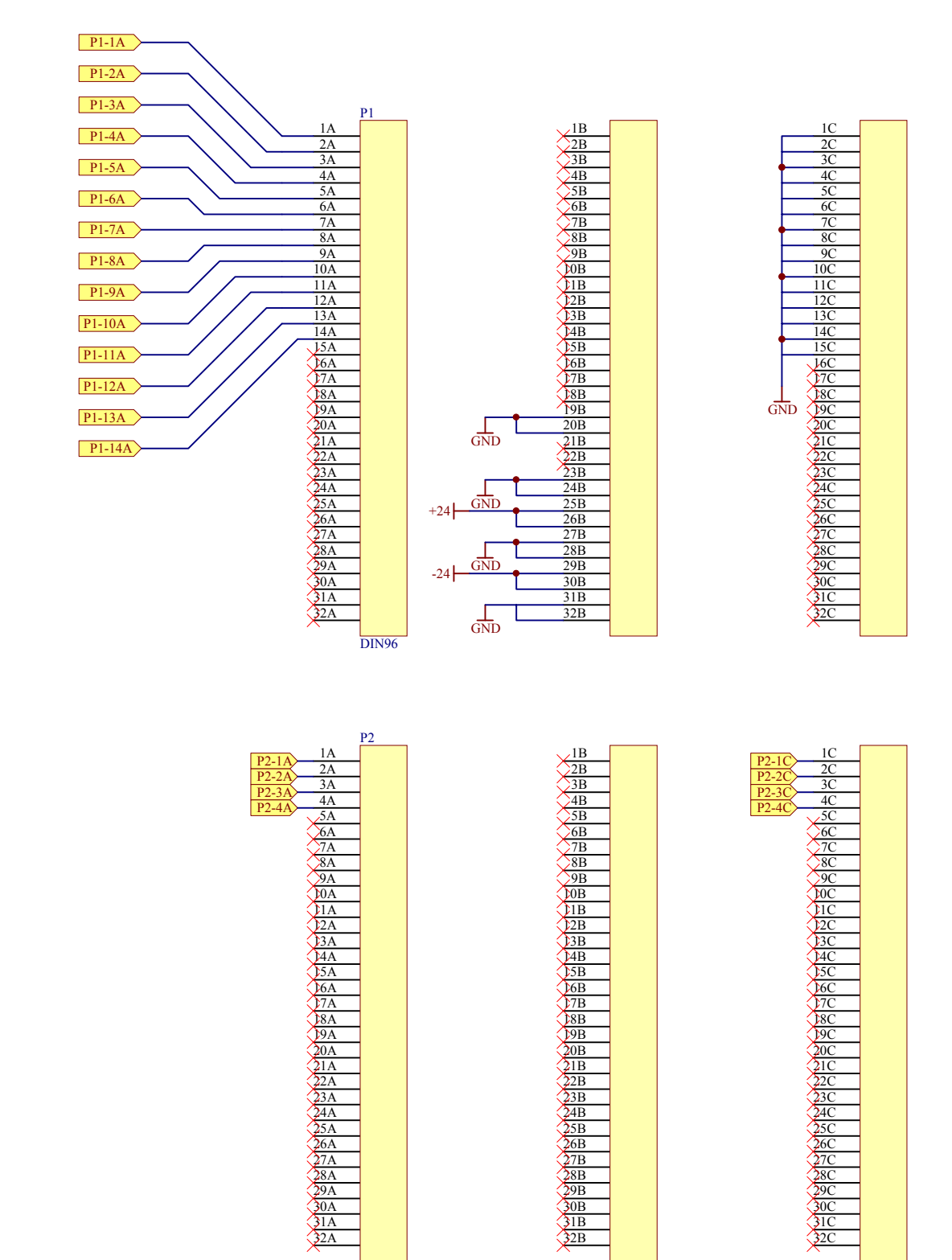
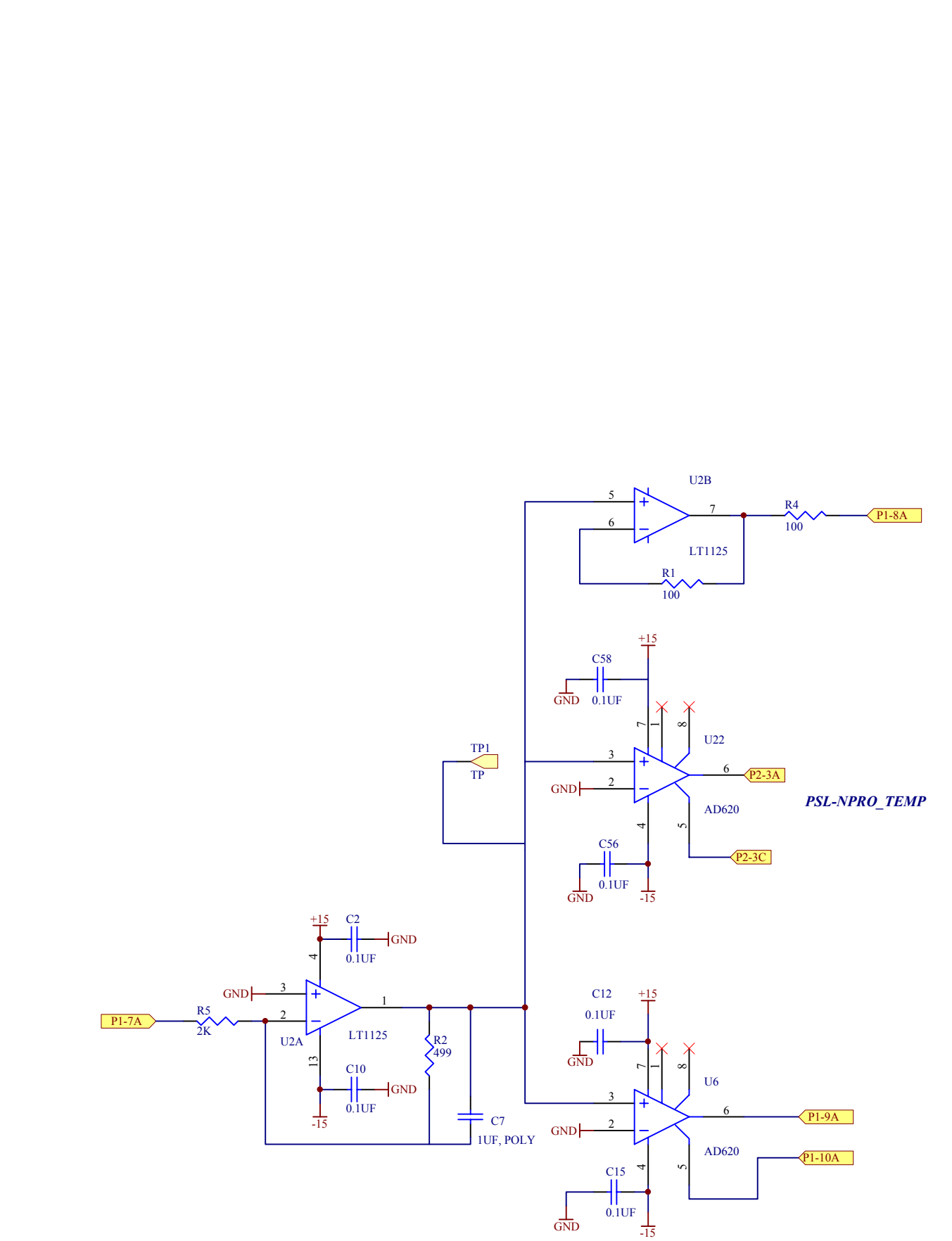
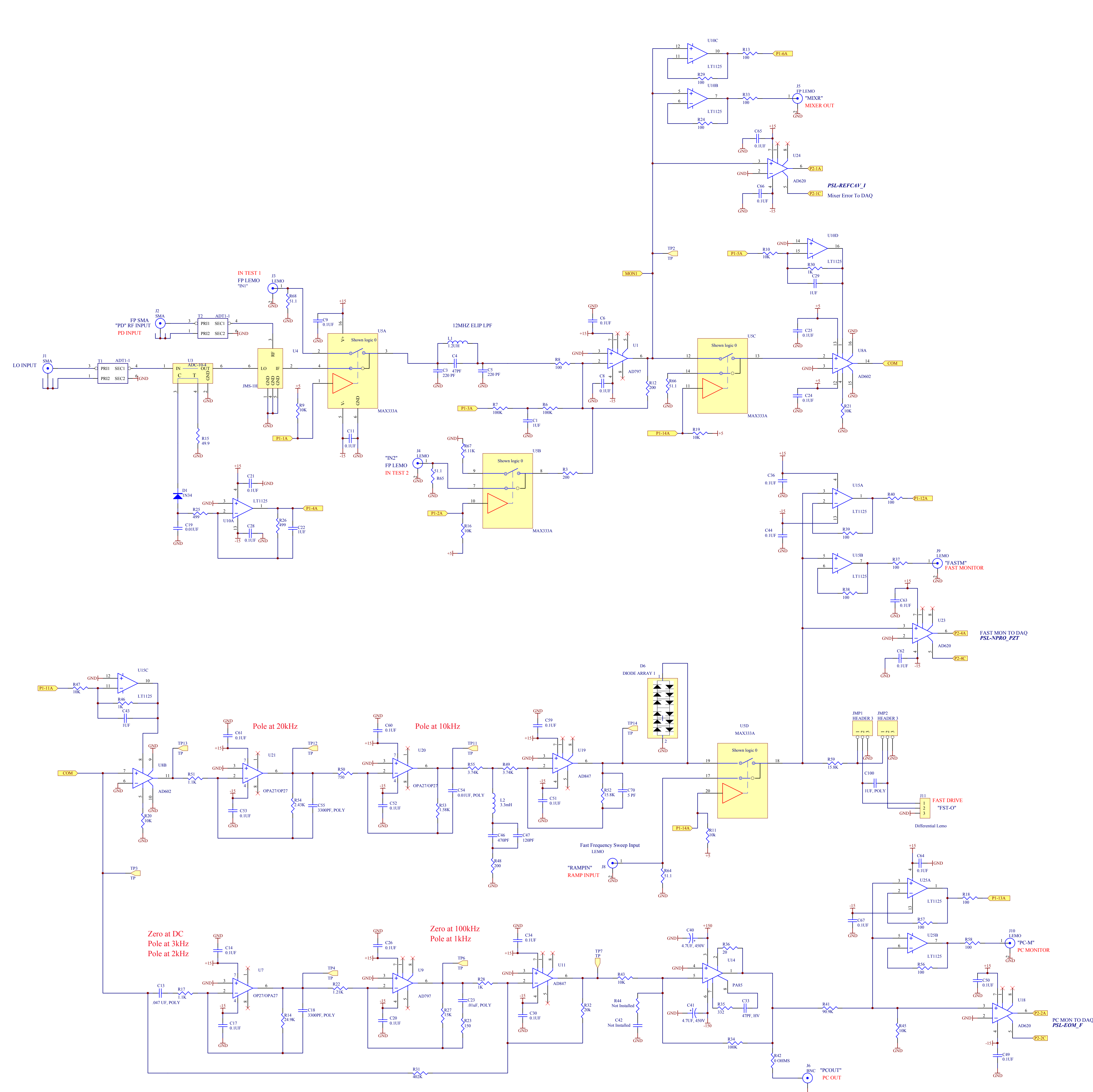


ECO number	Date	Originator
1	09/01/04	RJK
2	09/01/04	RJK
3		
4		
5		

# PSL Frequency Stabilization

## Frequency Stabilization Servo Rev. F 01



### Change Summary for Rev E & Rev F Boards

- REV E UPDATES...**
- \* U7 was an LT1028 and is now an OPA27
  - \* R31 has been changed from 100K to 402K
  - \* The 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.
  - \* 1u6l External Cap in the Fast Drive area has now been formally designated C100
- REV F UPDATES...**
- \* 51 ohm resistors added from the following points to ground: J4-1, U5-14, J5-1, J8-1
  - \* 5.11K added from U5-9 to ground
- REV F01 UPDATES...**
- \* 1 uF caps were added on each of the regulators
  - \* 5 pF cap C70 was added across the feedback resistor of U19
  - \* P1-13A and P1-14A were interchanged on the Rev F schematic - typo only
  - \* U1 has been changed from an LT1028 to an AD797

### Part Substitutions

- U12 regulators LM7815CT and LM340T-15 are interchangeable.
- U15 regulators MC7925T and LM7915CT are interchangeable.
- An LT1028 may be used for U11

REV	DATE	DRAWN BY	CHECKED BY	DCC	DCN / DESCRIPTION
F01					E010366