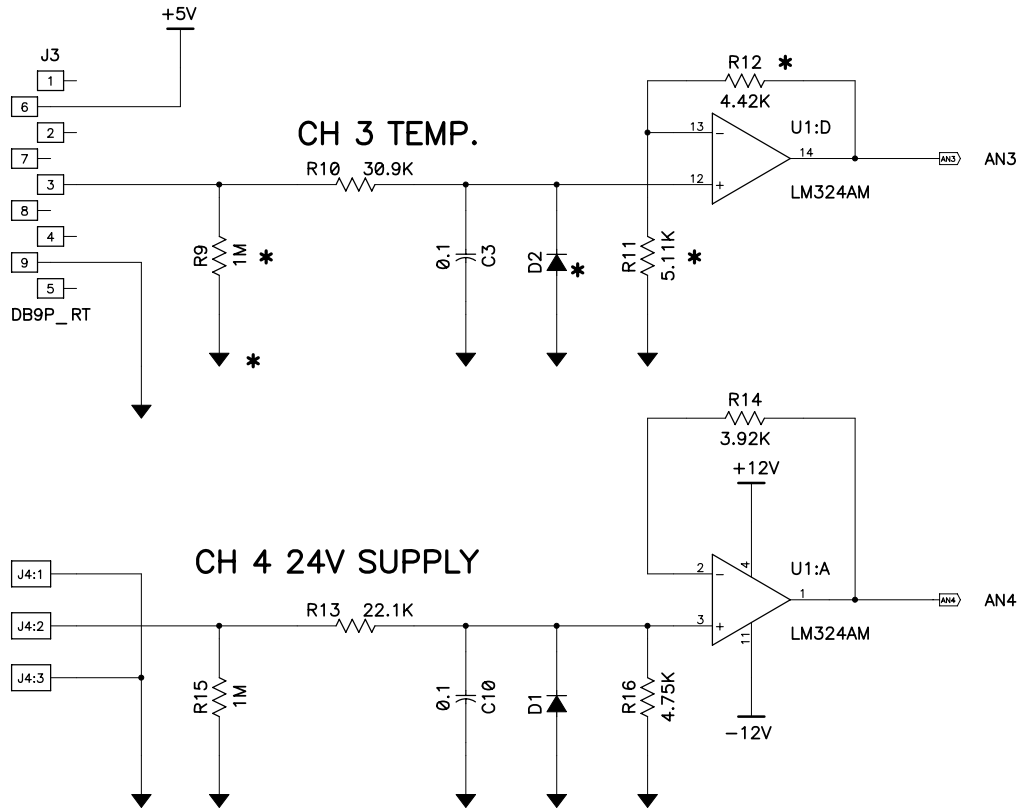
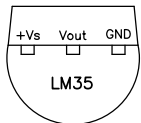


MODIFY CIRCUIT 3



- * Modifications for adding 36V servo supply:
1. Remove R9, R10, R11, and R12
 2. Isolate -15V pad at bottom of R9 by cutting trace between it and pad of R5.
 3. Install the four new resistors.
 4. Add a wire from the isolated pad of R9 to the GND plane.
 5. Add a 1N4001 diode with the cathode soldered to the input side of R9 and the anode soldered to the GND plane.
 6. Run a pair of wires from the new power supply to J3 of board. Connect +36V to pin 3 and GND to pin 9 of the connector.

BOTTOM VIEW



REVISIONS

04-14-04 CHANGED BOARD NAME TO 4 CHANNEL FROM 3 CHANNEL
 04-26-07 MODIFIED THE CHANNEL 3 CIRCUIT FOR MONITORING A 36V POWER SUPPLY INPUT. THE SIGNAL SHOULD BE WIRED TO J3 - +36V ON J3-3 AND GND TP J3-9.

UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		4 CHANNEL TEMPERATURE SENSOR BOARD	
DES'N BY: B. Alcott	ORIGIN DATE: 03-17-04	DWG. NO.	NUM. 2 OF 2
Last SN	MODIFY DATE: 04-26-07	EL-1356	REV. B
PRINT TIME: 10:59:46	PRINT DATE: Thu Apr 26, 2007		
PATH: GENERAL\EL-1365\4ch_temp_sensor		4ch_temp_sensor_B.sch	