

NOTES:

3. PERFORMANCE FUNCTIONS:

3.1 GAIN CONTROL:

- ADJUSTING RESISTOR R8 CONTROLS OUTPUT GAIN.

3.2 DC BIAS CONTROL:

- ADJUSTING RESISTOR R2 CONTROLS DC BIAS VOLTAGE.

3.3 JUMPER SELECTION:

- WITH: DC BIAS AMPLIFIED.

- WITHOUT: DC BIAS BLOCKED, ONLY AC AMPLIFIED.

4. CALIBRATION ADJUSTMENT PROCEDURE:

4.1 PURPOSE

- SET OUTPUT DC BIAS TO HALF OF SUPPLY VOLTAGE.

4.2 SCOPE

- PERFORM DURING CALIBRATION PROCEDURE.

4.3 PROCEDURAL NOTES

- PERFORM AFTER SAFE TO TURN ON (STTO) TEST PASSES.

4.4 PROCEDURE

4.4.1 APPLY POWER:

- SUPPLY VOLTAGE DETERMINES TARGET ADJUSTMENT.

4.4.2 APPLY STIMULI:

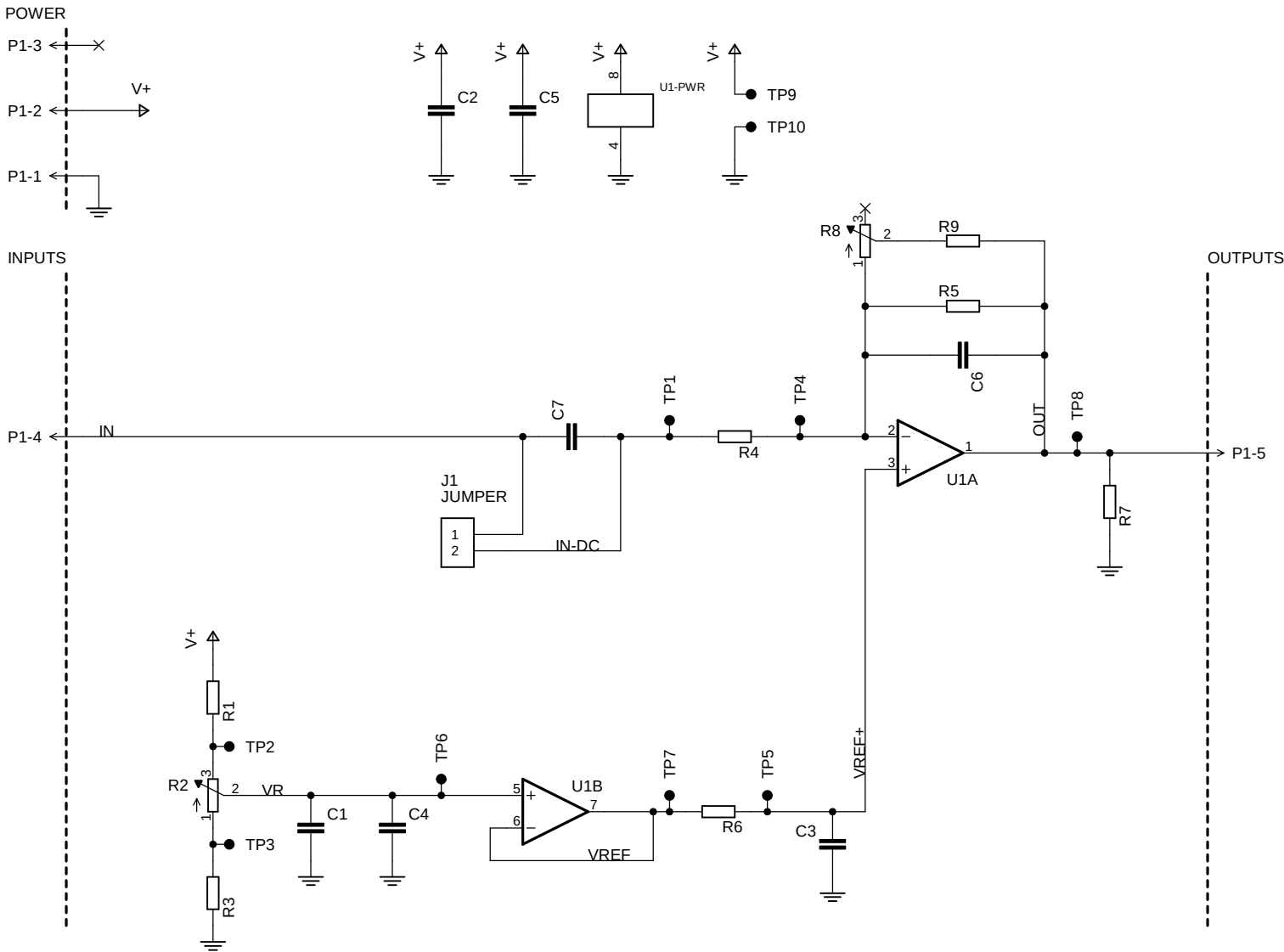
- ALLOW PIN P1-4 TO FLOAT.

4.4.3 MEASURE RESPONSE:

- MEASURE OUTPUT VOLTAGE DC BIAS.

4.4.4 ADJUST R2 TRIMMER POTENTIOMETER:

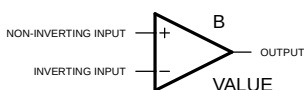
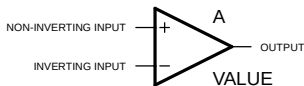
- PASS WHEN MEASUREMENT EQUALS HALF SUPPLY VOLTAGE.



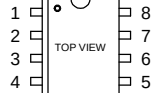
DUAL OPAMP

FOOTPRINT: DIP8

SCHEMATIC SYMBOL:



PINOUT:



| PIN | DESCRIPTION |
|-----|------------------------|
| 1 | OUTPUT, A |
| 2 | INVERTING INPUT, A |
| 3 | NON-INVERTING INPUT, A |
| 4 | -V SUPPLY |
| 5 | NON-INVERTING INPUT, B |
| 6 | INVERTING INPUT, B |
| 7 | OUTPUT, B |
| 8 | +V SUPPLY |



TITLE
INVERTING AMPLIFIER CIRCUIT

| SIZE | DWG NO | REV |
|-------|---------|-----------|
| B | 04A-005 | A1 |
| SCALE | NONE | SHEET 2/2 |

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