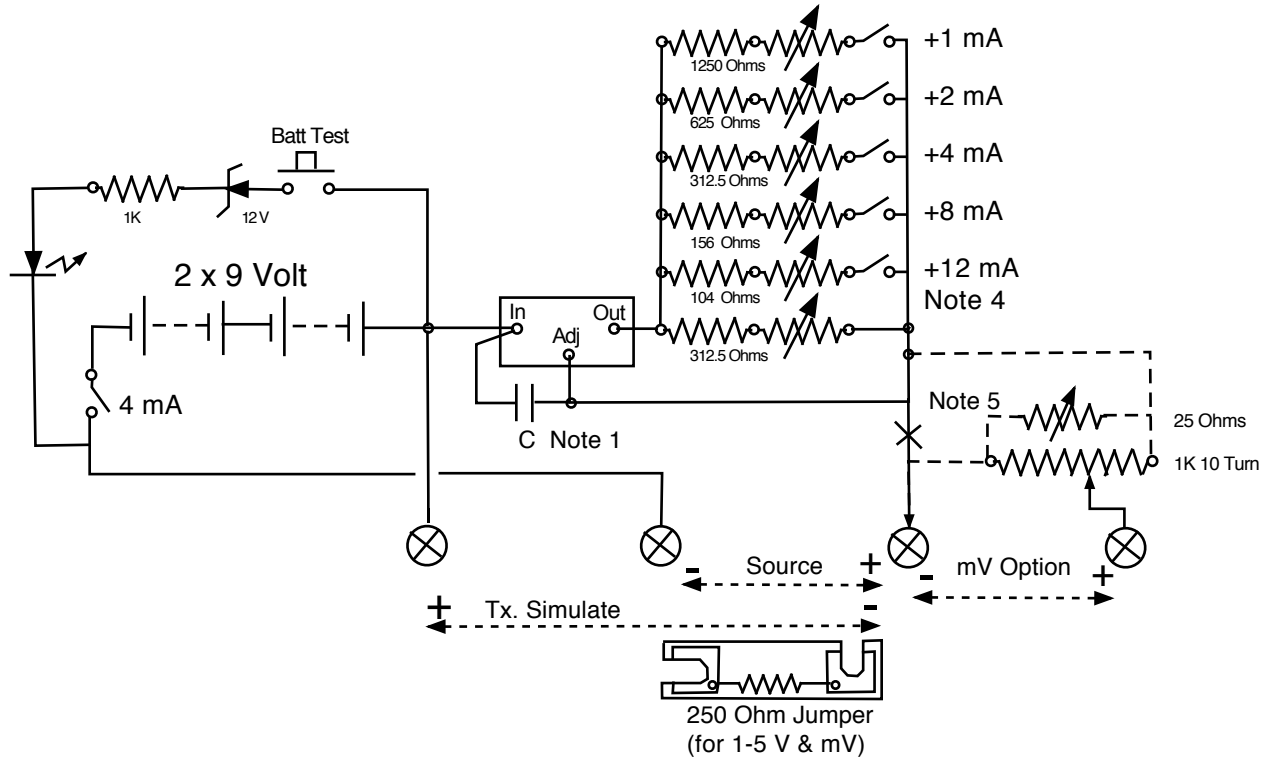


Basic Circuit

The LM-317 voltage regulator holds the voltage between Adj & Output pins at 1.25 Volts, therefore current is set by the value of resistor chain



Notes

- 1) Small capacitor across regulator pins to prevent oscillation with some loads
- 2) Place 250 Ohm jumper across source terminals to give 1-5 VDC or 0-100 mV
- 3) Source and simulate modes both start at 4 mA
- 4) Use high quality fixed resistors with wire wound trim pots for accurate calibration
- 5) Optional 0-100 mV output at 4 mA for t/c, pH simulation, The pot can also be used to simulate RTDs