Error Signal

(-) Negative if object is too hot
(+) Positive if object is too cold
FUTURE IMPROVEMENTS

When turning integrator off with J12, capacitor will still charge and change output.
Need to have integrator on/off jumper AFTER the integrator amplifier U12.
Temperature controller, Power stage

Current monitor
Voltage across 0.3 ohm resistor gives current 
\( i = 3.33 \text{ V} \)
(+ ) Positive for cooling