























Thermometer  
(TMP36)

10mV = 1 degree C  
(500 mV offset)

Gnd  
Vout  
+5v

to pin analog 0

to 5v

to Gnd

**CIRC-10**  
Temperature  
(TMP36 Precision  
Temperature Sensor)

**Transistor (P2N2222A)**



to 5v

to Gnd

to pin 2

**CIRC-11**  
Larger Loads  
(Relays)







