



# LM35DZ

## LM35DZ Analog Temperature Sensor



- This is the same temperature sensor that is included in our [SparkFun Inventor's Kit](#).
- The TMP36 is a low voltage, precision centigrade temperature sensor. It provides a voltage output that is linearly proportional to the Celsius temperature.
- The output voltage can be converted to temperature easily using the scale factor of 10 mV/°C.
- Voltage Input: 2.7 V to 5.5 VDC
- 10 mV/°C scale factor
- $\pm 2^{\circ}\text{C}$  accuracy over temperature
- $\pm 0.5^{\circ}\text{C}$  linearity
- Operating Range:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$