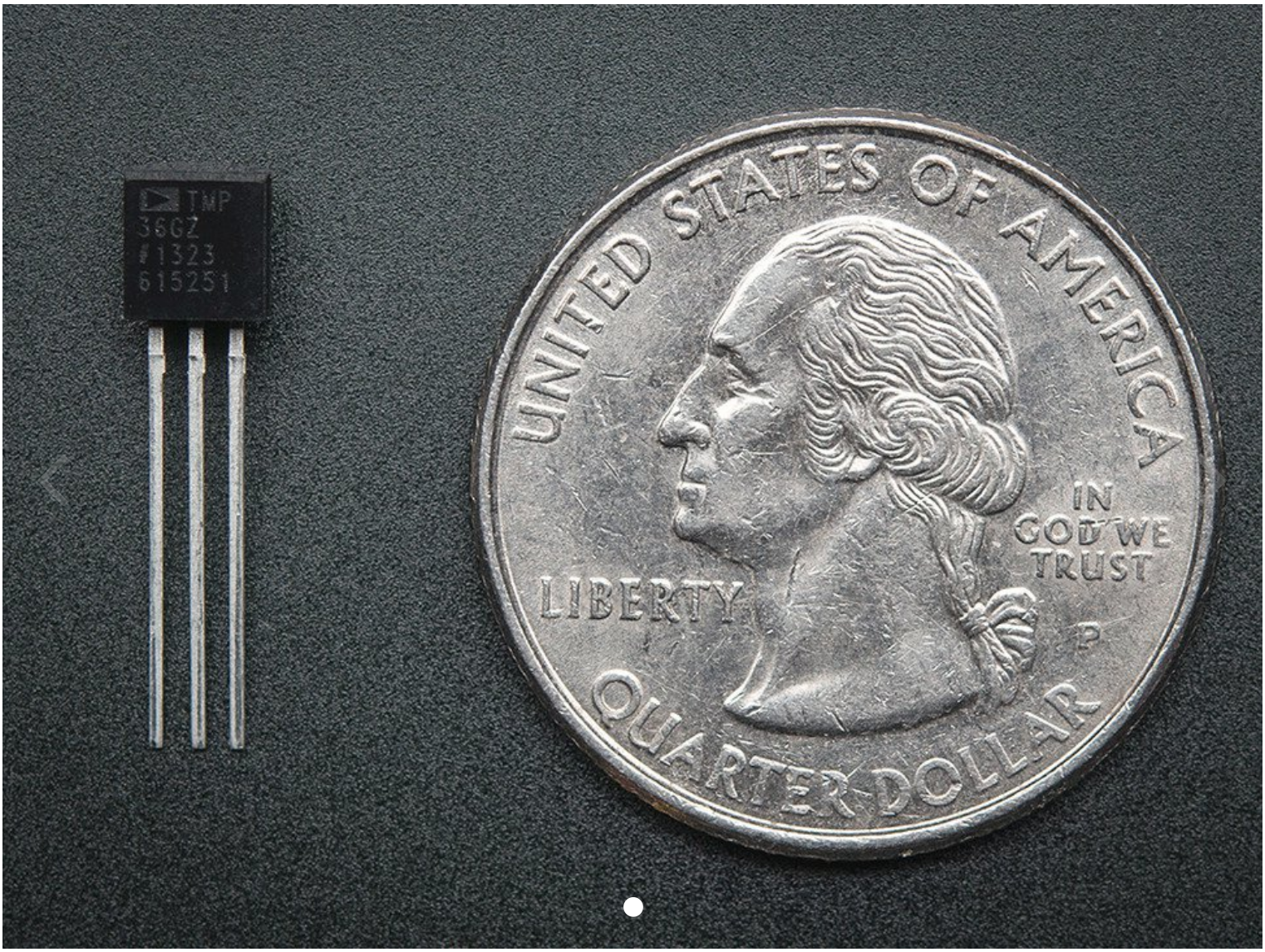
TMP36 - Analog Temperature sensor - TMP36

PRODUCT ID: 165

$1.50



1

ADD TO CART

QTY	DISCOUNT
1-9	$1.50
10-99	$1.35
100+	$1.20

0.0 ★★★★★
No rating available

DESCRIPTION -

Wide range, low power temperature sensor outputs an analog voltage that is proportional to the ambient temperature. To use, connect pin 1 (left) to power (between 2.7 and 5.5V), pin 3 (right) to ground, and pin 2 to analog in on your microcontroller. The voltage out is 0V at -50°C and 1.75V at 125°C. You can easily calculate the temperature from the voltage in millivolts: **Temp °C = 100*(reading in V) - 50**

See the webpage for datasheets and more information.

For a full tutorial with wiring diagrams, Arduino and CircuitPython code examples and project ideas, please read the TMP36 temperature sensor tutorial page!

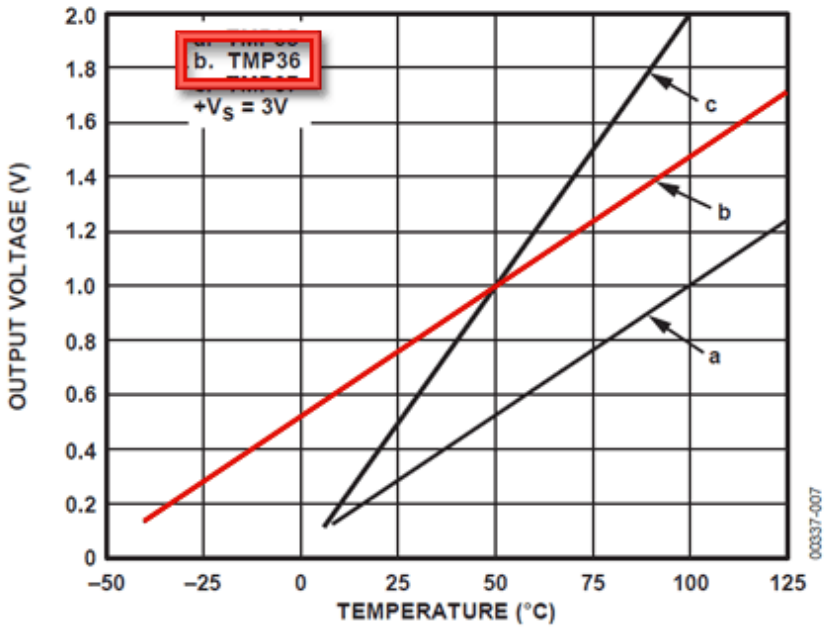


Figure 6. Output Voltage vs. Temperature

TECHNICAL DETAILS +

LEARN +

MAY WE ALSO SUGGEST...

0.0 ★★★★★
No rating available