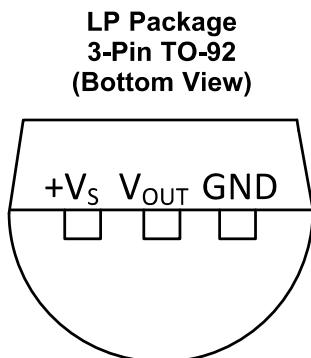
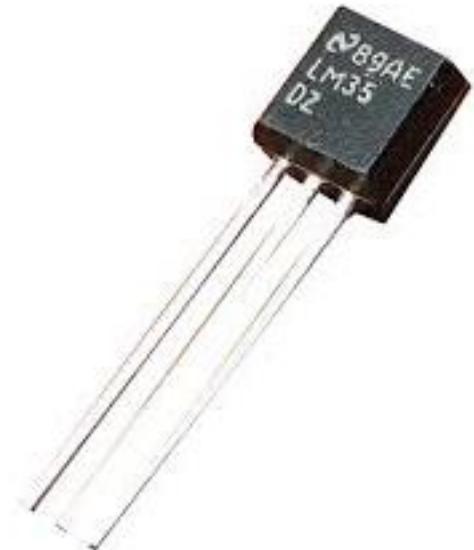


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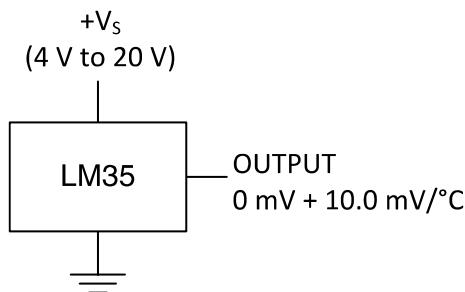
LM35

(cfr. <https://www.ti.com/product/LM35>)

LM35



**Basic Centigrade Temperature Sensor
(2°C to 150°C)**



1 Features

- Calibrated Directly in Celsius (Centigrade)
- Linear + 10-mV/°C Scale Factor
- 0.5°C Ensured Accuracy (at 25°C)
- Rated for Full -55°C to 150°C Range
- Suitable for Remote Applications
- Low-Cost Due to Wafer-Level Trimming
- Operates from 4 V to 30 V
- Less than 60- μ A Current Drain
- Low Self-Heating, 0.08°C in Still Air
- Non-Linearity Only $\pm\frac{1}{4}$ °C Typical
- Low-Impedance Output, 0.1 Ω for 1-mA Load