

CONNECTOR ACCESSORY

Manufacturers	Analog Devices, Inc
Package/Case	SOT-15
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for TMP36GRT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

TMP36GRT is a low voltage, precision analog temperature sensor manufactured by Analog Devices. It can measure temperature ranging from -40°C to +125°C with an accuracy of $\pm 1^\circ\text{C}$ at +25°C.

Features

Low voltage operation: it can operate with a supply voltage between 2.7V and 5.5V.

Linear output: its output voltage is directly proportional to the temperature being measured.

Low power consumption: it typically draws 50 μA of current.

Small package: it is available in a small SOT-23 package, which makes it easy to integrate into compact designs.

Application

Temperature monitoring in portable devices: due to its low power consumption and small package size, it is suitable for use in battery-powered applications such as smartphones, tablets, and wearables.

HVAC systems: it can be used to measure the temperature of the air flowing through heating, ventilation, and air conditioning systems.

Automotive: it can be used to measure the temperature of engine components, coolant, and cabin temperature in automobiles.

Industrial control: it can be used to measure the temperature of machinery, fluids, and other industrial applications.



Related Products



[LTM4601EV](#)

Analog Devices, Inc
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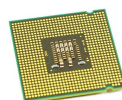
[LTM4613IV](#)

Analog Devices, Inc
LGA133



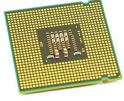
[LTM8027EV](#)

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Analog Devices, Inc
SOT23-6