

Sensing Accuracy Range: 1.5 C, Sensing Temperature Min:-25 C, Sensing Temperature Max:+105 C

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TO-92
Product Type	Temperature Sensors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD592AN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

AD592AN is a temperature sensor integrated circuit (IC) manufactured by Analog Devices Inc. It is designed to accurately measure temperature and convert the output voltage into a proportional current signal.

### Features

Temperature range: -25°C to +105°C

Output current: 1µA/K

High accuracy: ±1°C at 25°C

Low quiescent current: 400µA

Wide supply voltage range: 4V to 30V

Low impedance current output: 0.5Ω

Linear current output: 10µA to 1mA

### Application

Temperature control systems

Environmental monitoring

Industrial process control

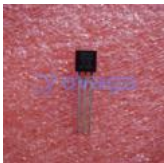
Automotive applications

Medical devices

HVAC systems

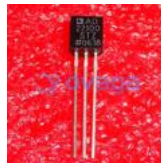


### Related Products



[AD22100KTZ](#)

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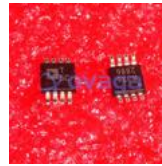
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