

Current Output – Precision IC Temperature Transducer; Package: TO-92; No of Pins: 3;
Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	TO-92
Product Type	Temperature Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD592CNZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD592CNZ is a temperature sensor IC (integrated circuit) manufactured by Analog Devices. It is a two-terminal current-output temperature transducer that generates a current proportional to absolute temperature. Here are some of its features:

Features

Temperature range: -25°C to +105°C

Linear current output: 1µA/K

Low supply current: 450µA typical

Low self-heating: 0.3°C typical

High accuracy: ±0.5°C at 25°C

Low cost

Application

Temperature sensing and control in automotive, industrial, and medical equipment

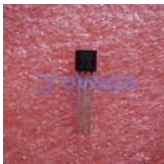
Temperature compensation in precision voltage and current sources

Temperature measurement and monitoring in scientific and laboratory equipment

Temperature measurement in HVAC (heating, ventilation, and air conditioning) systems

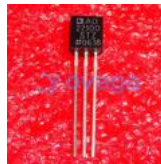


Related Products



[AD22100KTZ](#)

Analog Devices, Inc
TO-92



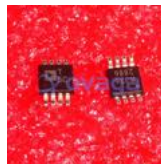
[AD22100STZ](#)

Analog Devices, Inc
TO-92



[ADT6402SRJZ-RL7](#)

Analog Devices, Inc
SOT23-6



[ADT75BRMZ](#)

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MSOP-8



[ADT7320UCPZ-R2](#)

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TO-52-3