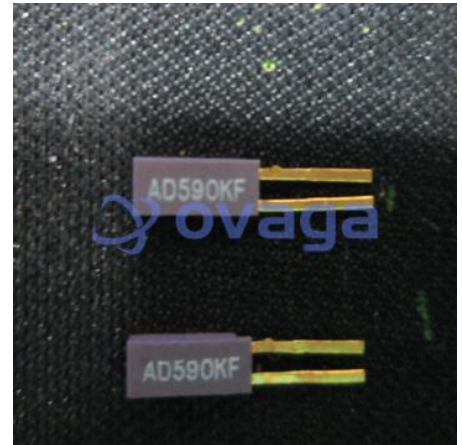


RE Series - Econoline Unregulated DC-DC Converters; Input Voltage (Vdc): 24V; Output Voltage (Vdc): 3.3V; Power: 1W; Industry Standard Pinout; 1kVDC & 2kVDC Isolation; UL94V-0 Package Material; Optional Continuous Short Circuit Protected; Fully Encap

Manufacturers	Analog Devices, Inc
Package/Case	FlatPack-2
Product Type	Temperature Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD590KF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD590KF is a temperature sensor integrated circuit (IC) manufactured by Analog Devices Inc. It is a two-terminal current-output temperature sensor that operates over a wide temperature range of -55°C to $+150^{\circ}\text{C}$.

Features

High accuracy: $\pm 0.5^{\circ}\text{C}$ at 25°C

Wide temperature range: -55°C to $+150^{\circ}\text{C}$

Low quiescent current: 1.2mA (max)

Linear current output: $1\mu\text{A/K}$

Low voltage operation: 4V to 30V

Small size: TO-52 package

Application

Environmental monitoring

HVAC systems

Industrial process control

Medical equipment

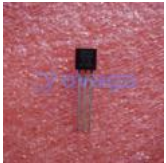
Automotive applications

Power management systems

Temperature calibration

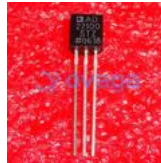


Related Products



[AD22100KTZ](#)

Analog Devices, Inc
TO-92



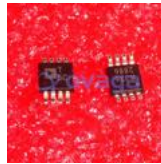
[AD22100STZ](#)

Analog Devices, Inc
TO-92



[ADT6402SRJZ-RL7](#)

Analog Devices, Inc
SOT23-6



[ADT75BRMZ](#)

Analog Devices, Inc
MSOP-8



[ADT7320UCPZ-R2](#)

Analog Devices, Inc
LFCSP-16



[AD22100SRZ](#)

Analog Devices, Inc
SOIC-8



[AD7314ARMZ](#)

Analog Devices, Inc
MSOP-8



[AD590MH](#)

Analog Devices, Inc
TO-52-3