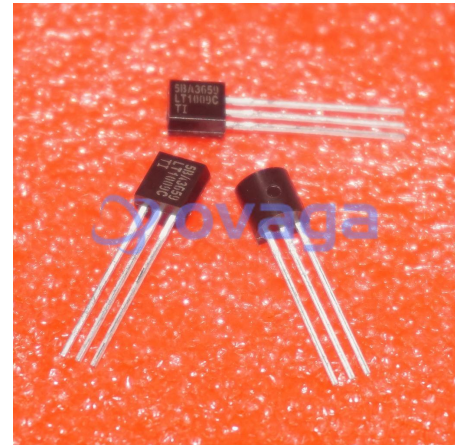


Manufacturers	Analog Devices, Inc
Package/Case	
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1009CZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LT1009CZ is a precision voltage reference integrated circuit (IC) manufactured by Linear Technology, which is now part of Analog Devices. It is a 2-terminal device that provides a fixed output voltage of 2.5V with a very low temperature coefficient and long-term stability.

Features

Output voltage accuracy of $\pm 0.2\%$

Low temperature coefficient of 10 ppm/°C

Wide operating temperature range from -55°C to 125°C

Low output noise of 0.15µV RMS

Very low dropout voltage of 300mV at 1mA load current

Application

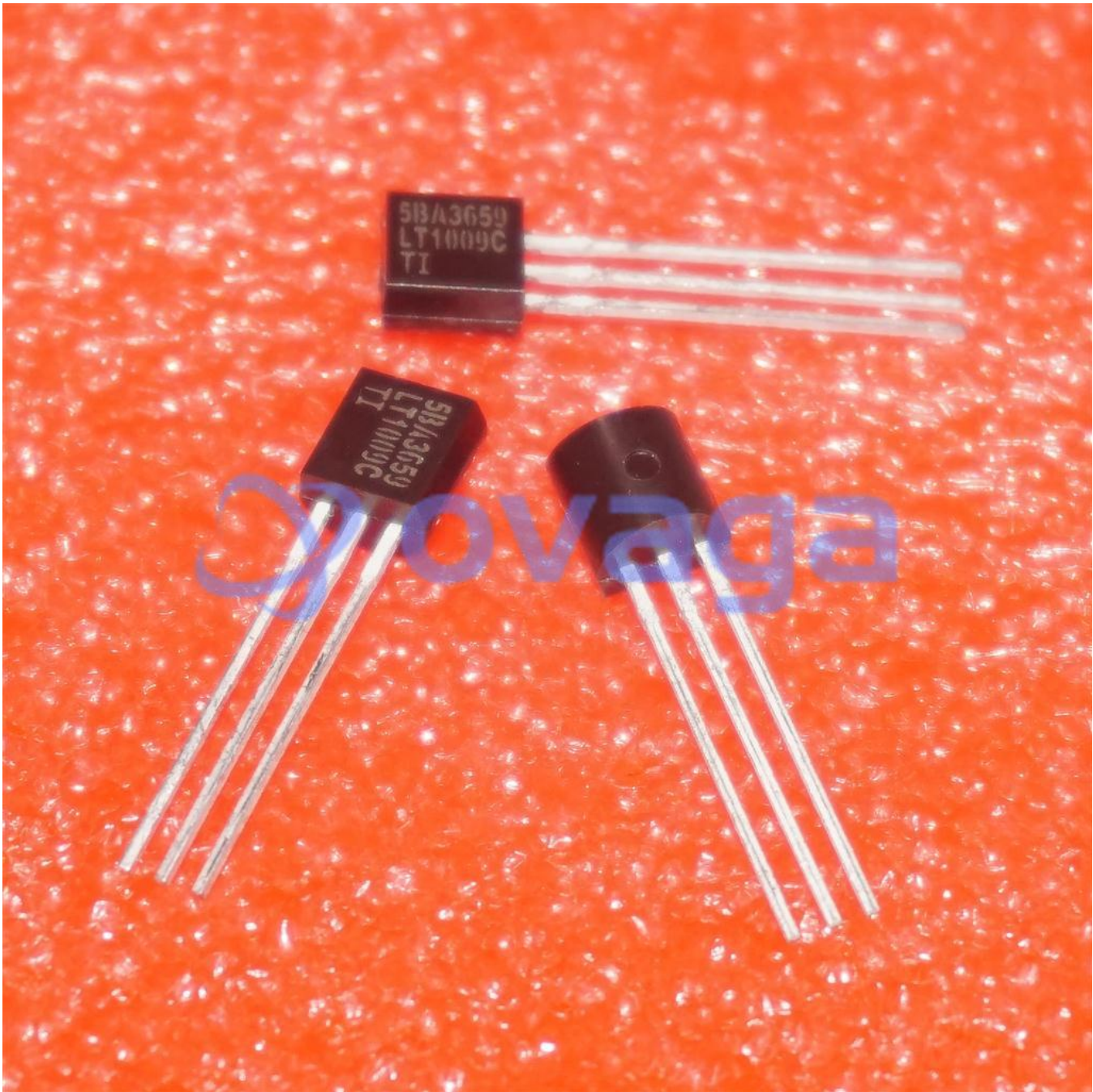
Precision voltage reference for data converters, voltage regulators, and other precision analog circuits

Temperature sensor calibration

Voltage measurement and monitoring

Oscillator and timer circuits

Portable and battery-powered devices



Related Products



[LT3015EQ](#)

Analog Devices, Inc
TO-263



[LTC4357HMS8](#)

Analog Devices, Inc
MSOP-8



[LTC2990IMS](#)

Analog Devices, Inc
MSOP-10



[LT1964ES5-SD#PBF](#)

Analog Devices, Inc
TSOT23



[LT5560EDD](#)

Analog Devices, Inc
QFN-8



[LT1963AES8](#)

Analog Devices, Inc
SOP-8



[LT1764AEFE](#)

Analog Devices, Inc
TSSOP1



[LT1764EQ](#)

Analog Devices, Inc
TO-263