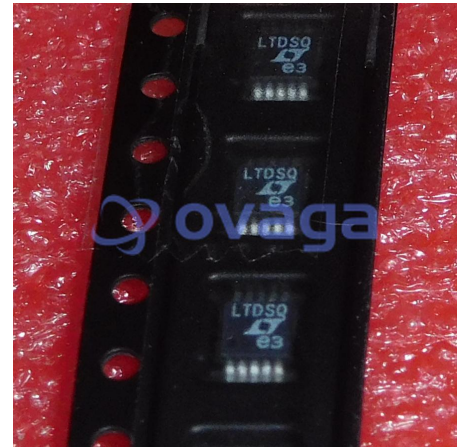


Temperature Sensor, 2.9V-5.5V Supply, 3 Monitors, Power Fail, Low Battery Reset, MSOP-10

Manufacturers	Analog Devices, Inc
Package/Case	10MSOP
Product Type	Power Monitors
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2990IMS#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC®2990 is used to monitor system temperatures, voltages and currents. Through the I2C serial interface, the device can be configured to measure many combinations of internal temperature, remote temperature, remote voltage, remote current and internal VCC. The internal 10ppm/°C reference minimizes the number of supporting components and area required. Selectable address and configurable functionality give the LTC2990 flexibility to be incorporated in various systems needing temperature, voltage or current data. The LTC2990 fits well in systems needing sub-millivolt voltage resolution, 1% current measurement and 1°C temperature accuracy or any combination of the three.

Features

- Measures Voltage, Current and Temperature
- Measures Two Remote Diode Temperatures
- 14-Bit ADC Measures Voltage/Current
- 3V to 5.5V Supply Operating Voltage
- Four Selectable Addresses
- Internal 10ppm/°C Voltage Reference
- 10-Lead MSOP Package

Application

- Temperature Measurement
- Supply Voltage Monitoring
- Current Measurement
- Remote Data Acquisition
- Environmental Monitoring



Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTM8045EY#PBF](#)

Analog Devices, Inc
BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN



[LT8471IFE#PBF](#)

Analog Devices, Inc
TSSOP-20