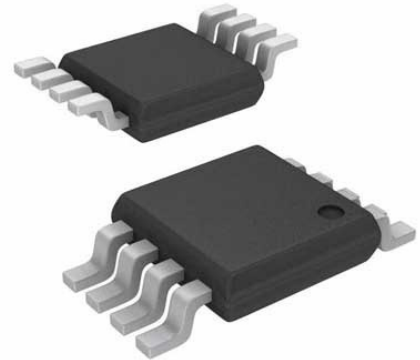


Processor Supervisor Adj 1 Open Drain Automotive 8-Pin TSOT-23 T/R

Manufacturers	Analog Devices, Inc
Package/Case	MSOP8
Product Type	Supervisors
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2912ITS8-2#TRMPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC2912 voltage monitor is designed to detect power supply undervoltage and overvoltage events. The VL and VH monitor inputs include filtering to reject brief glitches, thereby ensuring reliable reset operation without false or noisy triggering. An adjustable timer defines the duration of the overvoltage and undervoltage reset outputs which function independently. While the LTC2912 operates directly from 2.3V to 6V supplies, an internal VCC shunt regulator coupled with low supply current demand allows operation from higher voltages such as 12V, 24V or 48V.

Three output configurations are available: the LTC2912-1 has a latch control for the OV output; the LTC2912-2 has an OV and UV output disable feature for margining applications; the LTC2912-3 is identical to the LTC2912-1 but with a noninverting, OV output.

The LTC2912 provides a precise, versatile, space-conscious micropower solution for voltage monitoring.

Features

Monitors Single Voltage

Adjustable UV and OV Trip Values

Guaranteed Threshold Accuracy: $\pm 1.5\%$

Power Supply Glitch Immunity

Adjustable Reset Timeout with Timeout Disable

29 μ A Quiescent Current

Open-Drain OV and UV Outputs

Guaranteed OV and UV for $V_{CC} \geq 1V$

Available in 8-Lead ThinSOT™ and (3mm \times 2mm) DFN Packages

Application

Desktop and Notebook Computers

Network Servers

Core, I/O Voltage Monitors

Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTM8045EY#PBF](#)

Analog Devices, Inc
BGA40



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN