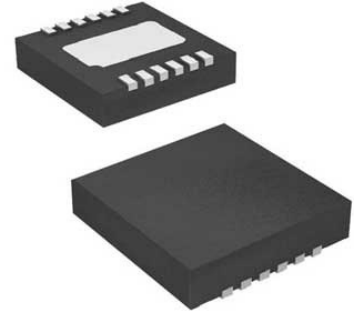


Processor Supervisor 5V/3.3V/3V/2.5V/1.8V/1.5V/Adj 6 Automotive 12-Pin DFN EP Tube

Manufacturers	Analog Devices, Inc
Package/Case	DFN-12
Product Type	PMIC - Power Supply Controllers, Monitors
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2930HDD#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC2930 is a configurable supply monitor for systems with up to six supply voltages. One of 16 preset or adjustable voltage monitor combinations can be selected using an external resistive divider connected to the mode select pin. The preset voltage thresholds are accurate to $\pm 1.5\%$ over temperature. The LTC2930 also features adjustable inputs with a 0.5V nominal threshold.

The reset timeout period is adjustable using an external capacitor. A reset event may be generated with a manual reset button on the manual reset input. Tight voltage threshold accuracy and glitch immunity ensure reliable reset operation without false triggering. The RST output is guaranteed to be in the correct state for VCC down to 1V and may be externally pulled up to an external voltage.

The 52 μ A supply current makes the LTC2930 ideal for power conscious systems and it may be configured to monitor fewer than six inputs.

Features

Simultaneously Monitors Six Supplies

16 User Selectable Combinations of 5V, 3.3V, 3V, 2.5V, 1.8V, 1.5V and \pm Adjustable Voltage Thresholds

Guaranteed $\pm 1.5\%$ Threshold Accuracy

Adjustable Reset Timeout

Low Supply Current: 52 μ A

Manual Reset Pin

Power Supply Glitch Immunity

Guaranteed RST for $VCC \geq 1V$

High Temperature Operation to 125°C

12-Lead 3mm \times 3mm DFN Package

Application

Desktop and Notebook Computers

Multivoltage Systems

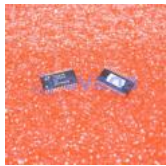
Telecom Equipment

Portable Battery-Powered Equipment

Network Servers

Automotive

Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTM8045EX#PBF](#)

Analog Devices, Inc
BGA40



[LT1038CK](#)

Analog Devices, Inc
TO-3



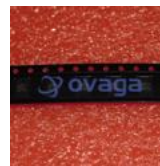
[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LT4295IUFD#PBF](#)

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28-WFQFN