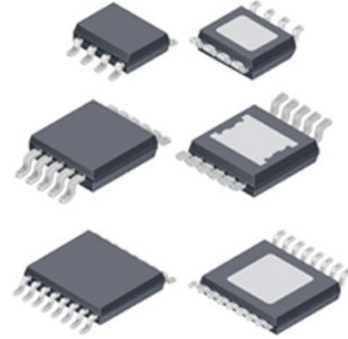


Quad Voltage Reference, 1.5 to 5 V, WDT 16-Pin, SSOP

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	MSOP16
Product Type	Supervisors
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2901-1CGN#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTC2901 is a programmable supply monitor for systems with up to four supply voltages. One of 16 preset or adjustable voltage monitor combinations can be selected using an external resistor divider connected to the program pin. The preset voltage thresholds are accurate to  $\pm 1.5\%$  over temperature. All four voltage comparator outputs are connected to separate pins for individual supply monitoring.

The reset and watchdog delay times are adjustable using external capacitors. 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. The LTC2901-1/LTC2901-3 features an open-drain RST output, while the LTC2901-2/LTC2901-4 has a push-pull RST output.

The 43 $\mu$ A supply current makes the LTC2901 ideal for power conscious systems and it may be configured to monitor less than four inputs. The parts are available in the 16-lead narrow SSOP package.

## Features

Simultaneously Monitors Four Supplies

16 User Selectable Combinations of 5V, 3.3V, 3V, 2.5V, 1.8V, 1.5V and/or  $\pm$ Adj Voltage Thresholds

Guaranteed Threshold Accuracy:  $\pm$ 1.5% of Monitored Voltage Over Temperature

Selectable Supply Tolerance: 5% and 10% Below Monitored Voltage (LTC2901-3/LTC2901-4)

Low Supply Current: 43 $\mu$ A Typ

Adjustable Reset Time

Adjustable Watchdog Time

Open-Drain RST Output (LTC2901-1/LTC2901-3)

Push-Pull RST Output (LTC2901-2/LTC2901-4)

Individual Nondelayed Monitor Output for Each Supply

Power Supply Glitch Immunity

Guaranteed RST for  $V_{CC} \geq 1V$

16-Lead Narrow SSOP Package

## Application

Desktop and Notebook Computers

Multivoltage Systems

Telecom Equipment

Portable Battery-Powered Equipment

Network Servers

## 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



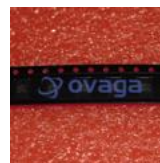
### [LTC3440EMS](#)

Analog Devices, Inc  
MSOP10



### [LTC2990IMS#PBF](#)

Analog Devices, Inc  
10MSOP



### [LT4295IUFD#PBF](#)

Analog Devices, Inc  
28-WFQFN