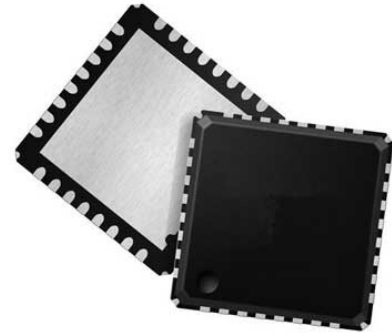


Processor Supervisor 2.8V 4 Active Low 38Pin QFN EP Tube

Manufacturers	Analog Devices, Inc
Package/Case	QFN-32
Product Type	Power Monitors
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2928IUHF#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC2928 is a four channel cascadable power supply sequencer and high accuracy supervisor. Sequencing thresholds, order and timing are configured with just a few external components, negating the need for PC board layout or software changes during system development. Multiple LTC2928s may be easily connected to sequence an unlimited number of power supplies.

Sequence outputs control supply enable pins or N-channel pass gates. Precision input comparators with individual outputs monitor power supply voltages to 1.5% accuracy. Supervisory functions include undervoltage and overvoltage monitoring and reporting as well as μ P reset generation. RST may be forced high to complement margin testing.

Application faults, whether internally or externally generated, can shutdown all controlled supplies. The type and source of faults are reported for diagnosis. Individual channel controls are available to independently exercise enable outputs and supervisory functions.

A high voltage input allows the LTC2928 to be powered from voltages as high as 16.5V. A buffered reference output permits single negative power supply sequencing and monitoring operations.

Features

Easily Configure Power Management without Software

Controls Up to Four Supplies per Device

Cascades for Additional Supplies

Staged Supply Sequencing with Adjustable Time Positions

Fault Event Reporting with Diagnostics

Selectable System Shutdown on Fault

1.5% Undervoltage Monitor Accuracy

Overvoltage and/or Fault Indication

Configurable Undervoltage and Overvoltage Thresholds

Charge Pumped Enable Pins Drive N-Channel MOSFETs

Operates from 2.9V to 16.5V

5mm × 7mm 38-lead QFN and 36-lead SSOP Packages

Application

Network/Telecom Infrastructure

Sequencing for Multiple I/O and Core Voltages

Power Management

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