

## Monitor 4.5V to 15V 64-Pin QFN EP Tube

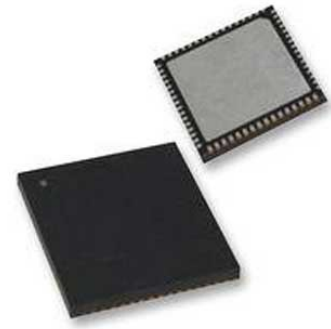
**Manufacturer:** [Analog Devices, Inc](#)

**Package/Case:** QFN-64

**Product Type:** Power Management ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Obsolete



Images are for reference only

[Inquiry](#)

## General Description

The LTC2978AIUP#PBF is a multi-channel PMBus power system manager designed to monitor and manage power supplies in complex power systems. It integrates multiple features and functions to enable efficient power management and control.

## Key Features

**Multi-Channel Power Management:** The LTC2978AIUP#PBF supports multiple channels, allowing for simultaneous monitoring and control of multiple power supplies.

**PMBus Interface:** It incorporates a PMBus interface, which is a standardized protocol for communication between power system managers and power supplies. This enables easy integration and control of compatible power supplies.

**Monitoring and Control:** The power system manager provides monitoring and control functions such as voltage monitoring, current monitoring, fault detection, and power sequencing for efficient power management.

**Programmable Functions:** The LTC2978AIUP#PBF offers programmable functions, allowing for customization and adaptability to different power supply configurations and requirements.

**Fault Protection and Reporting:** It includes built-in fault protection features and can report fault conditions to the system controller for proper system response and protection.

**High Accuracy:** The power system manager is designed for high accuracy in voltage and current monitoring, ensuring precise control and reliable power management.

## Application

Data Centers and Servers

Telecom and Networking Equipment

Industrial Power Systems

Test and Measurement Equipment

Medical and Healthcare Systems

## Recommended For You

**LTC4412ES6**

Analog Devices, Inc

SOT23-6

**LTC4259ACGW-1**

Analog Devices, Inc

SSOP36

**LTC4259ACGW**

Analog Devices, Inc

SSOP36

**LTC1530IS8**

Analog Devices, Inc

SOP8

**LTC4252-2IMS**

Analog Devices, Inc

MSOP10

**LTC4412ES6#PBF**

Analog Devices, Inc

SOT23-6

**LTC4412ES6#TRPBF**

Analog Devices, Inc

SOT23-6

**LTC2942CDCB#TRMPBF**

Analog Devices, Inc

DFN-6

**LT1054IN8**

Analog Devices, Inc

DIP-8

**LTC4416EMS#PBF**

Analog Devices, Inc

MSOP10

**LTC4357IMS8**

Analog Devices, Inc

MSOP8

**LTC4414IMS8#PBF**

Analog Devices, Inc

MSOP8

**LTC4413EDD**

Analog Devices, Inc

DFN10

**LT3469EIS8#TRMPBF**

Analog Devices, Inc

SOT23-8

**LTC4412HVIS6**

Analog Devices, Inc

SOT23-6