

## Power Supply Supervisor

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOT23-5
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX824TEUK or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MAX824TEUK is a specific part number from Maxim Integrated, which is a company that designs and manufactures analog and mixed-signal integrated circuits (ICs). The MAX824TEUK is a microprocessor ( $\mu\text{P}$ ) supervisory circuit with adjustable reset threshold voltage and watchdog timer.

## Features

**Adjustable reset threshold voltage:** The reset threshold voltage can be set using external resistors, allowing for customization according to specific system requirements.

**Precision voltage monitoring:** The MAX824TEUK monitors the voltage of a microprocessor or other system components, and generates a reset signal when the voltage falls below a specified threshold.

**Watchdog timer:** The MAX824TEUK includes a watchdog timer that can detect and reset the microprocessor if it fails to respond within a specified time period.

**Low power consumption:** The MAX824TEUK is designed to operate with low power consumption, making it suitable for battery-powered applications.

**Wide operating voltage range:** The MAX824TEUK can operate over a wide voltage range, typically from 1.8V to 5.5V, making it compatible with a variety of systems.

## Application

**Microprocessor and microcontroller-based systems:** The MAX824TEUK can be used to monitor the voltage of a microprocessor or microcontroller, and generate a reset signal to reset the system in case of voltage drop or other anomalies.

**Embedded systems:** The MAX824TEUK can be used in embedded systems to provide voltage monitoring and watchdog timer functionality for reliable system operation.

**Industrial and automotive systems:** The MAX824TEUK is suitable for industrial and automotive applications where reliable system operation is critical, such as in control systems, automotive electronics, and safety-critical systems.



## Related Products



### [MAX6043AAUT25](#)

Analog Devices, Inc  
SOT-23-6



### [MAX6018AEUR16](#)

Analog Devices, Inc  
SOT23



### [MAX6605MXK](#)

Analog Devices, Inc  
SO70-5



### [MAX823LEUK](#)

Analog Devices, Inc  
SOT-23-5



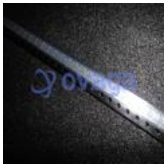
### [MAX5385EUT](#)

Analog Devices, Inc  
SOT-23-6



### [MAX4514EUK](#)

Analog Devices, Inc  
SOT-23-5



[MAX4014EUK](#)

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[MAX8510EXK30](#)

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SC-70-5