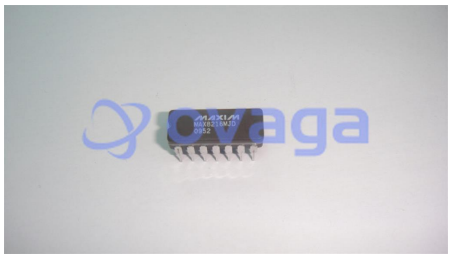
MAX8216MJD

Data Sheet

【5V, 【12V (【15V) Dedicated Microprocessor Voltage Monitors

Manufacturers	Analog Devices, Inc
Package/Case	CDIP-14
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX8216MJD or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

MAX8216MJD is an electronic component manufactured by Maxim Integrated. It is a voltage monitor with a watchdog timer designed for use in a variety of applications, including embedded systems, computers, automotive, and industrial control systems.

Features

Dual voltage monitors: The device has two independent voltage monitors, each with its own threshold voltage, hysteresis, and power-on reset delay timer.

Adjustable threshold voltage: The threshold voltage of each monitor can be adjusted using external resistors, allowing it to be customized to specific voltage levels.

Watchdog timer: The device includes a watchdog timer that can be used to detect system malfunctions and reset the system if necessary.

Low power consumption: MAX8216MJD has low quiescent current consumption of 20µA, making it suitable for use in battery-powered applications.

Application

Embedded systems: The device is commonly used to monitor the voltage levels in microcontroller-based systems, ensuring that the system operates within safe voltage limits.

Computers: MAX8216MJD can be used in desktop and laptop computers to monitor power supply voltages, detect power supply failures, and initiate system resets if necessary.

Automotive: The device is suitable for use in automotive applications such as engine control units and anti-lock brake systems.

Industrial control systems: MAX8216MJD can be used in industrial control systems to monitor voltage levels in motors, pumps, and other equipment.

Related Products

[MAX813L](#)

Analog Devices, Inc

[MAX8869EUE33](#)

Analog Devices, Inc

TSSOP-16

[MAX7219CWG+T](#)

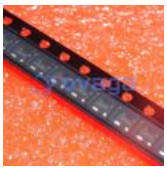
Analog Devices, Inc

SOIC-24

[MAX1951ESA](#)

Analog Devices, Inc

SOIC-8



[MAX811SEUS+T](#)

Analog Devices, Inc

SOT-4

[MAX1708EEE](#)

Analog Devices, Inc

QSOP-16

[MAX8556ETE](#)

Analog Devices, Inc

TQFN-16

[MAX618EEE](#)

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QSOP-16