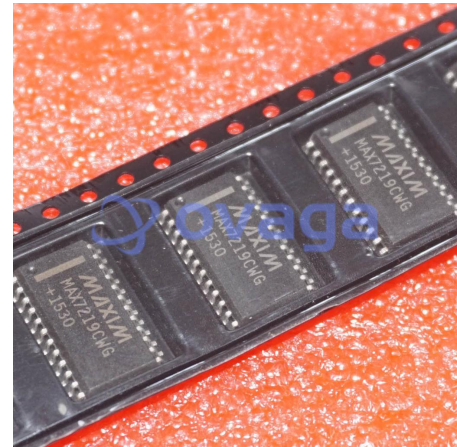


Ic drvr dsply led 8dig 24soic

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-24
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX7219CWG+T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX7219CWG+T is an integrated circuit (IC) that is part of the MAX7219 family of LED display drivers. It is manufactured by Maxim Integrated and comes in a 24-pin wide SO package. The MAX7219CWG+T is a serially interfaced common cathode LED display driver that can drive up to 8 digits of 7-segment LED displays, or 64 individual LEDs, using just a few external components.

Features

Serial interface: MAX7219CWG+T uses a 4-wire SPI interface for communication, which allows easy interfacing with microcontrollers or other control systems.

Multiplexing capability: It can drive up to 8 digits of 7-segment LED displays or 64 individual LEDs, making it suitable for applications that require multi-digit or multi-segment displays.

Brightness control: MAX7219CWG+T allows adjustable brightness control for LED displays with 16 levels of intensity.

Built-in decoding: It has built-in BCD (Binary-Coded Decimal) decoding, which makes it easy to drive 7-segment LED displays without needing external decoding logic.

Low power consumption: It has a low operating current and can operate with a supply voltage ranging from 4V to 5.5V, making it suitable for low-power applications.

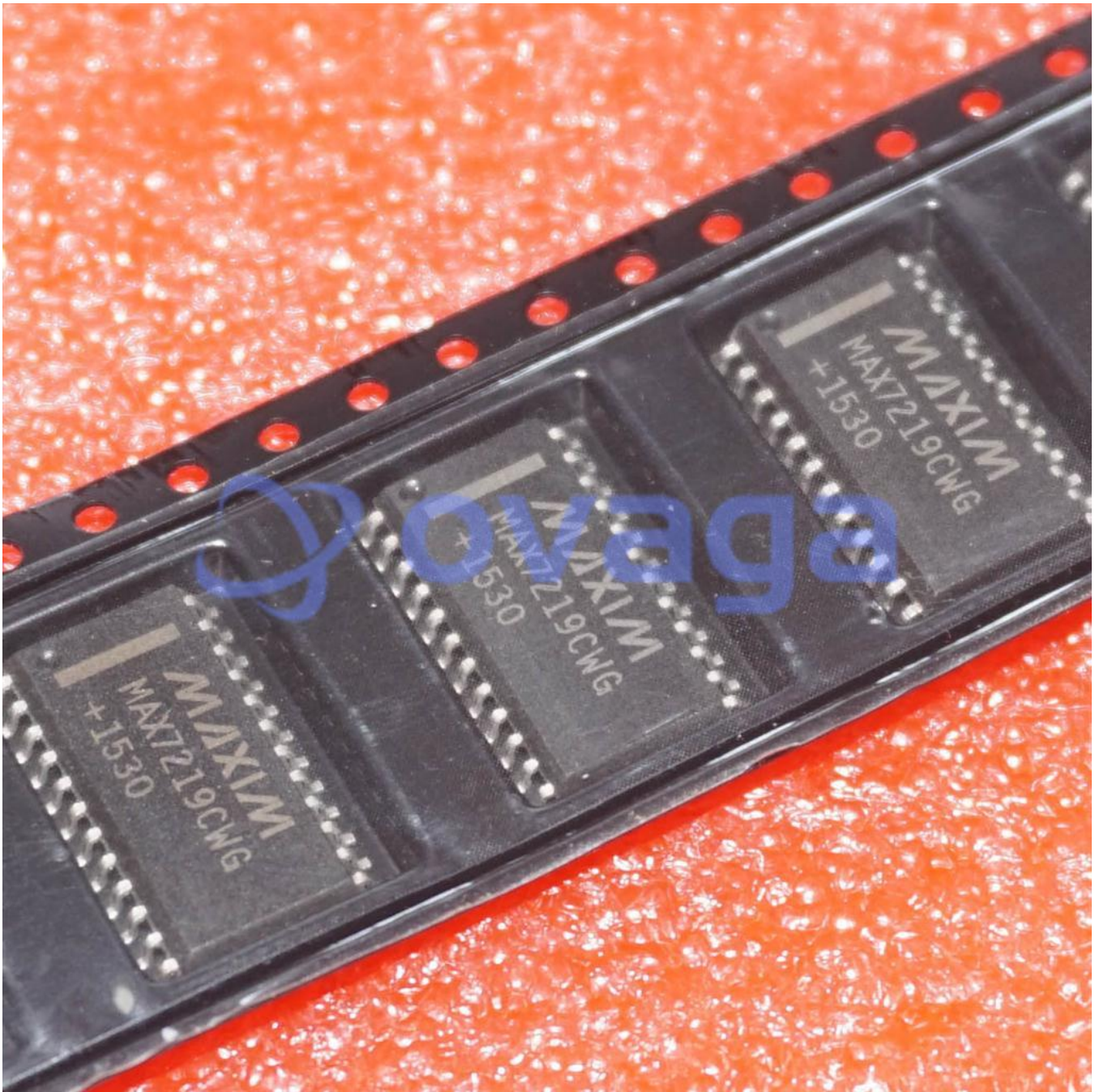
Application

LED displays: MAX7219CWG+T is commonly used to drive 7-segment LED displays or arrays of individual LEDs in various applications such as digital clocks, scoreboards, panel meters, and signs.

Message boards: It can be used to create scrolling message boards or dot matrix displays by controlling arrays of LEDs.

Industrial control systems: MAX7219CWG+T can be used to display status information, error codes, or other important data in industrial control systems or automation applications.

Consumer electronics: It can be used in consumer electronics products that require LED displays for visual feedback or information display.



Related Products



[MAX813L](#)

Analog Devices, Inc



[MAX8869EUE33](#)

Analog Devices, Inc
TSSOP-16



[MAX1951ESA](#)

Analog Devices, Inc
SOIC-8



[MAX811SEUS+T](#)

Analog Devices, Inc
SOT-4



[MAX1708EEE](#)

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QSOP-16



[MAX8556ETE](#)

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TQFN-16



[MAX618EEE](#)

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TQFN-16