

## LED Driver 40 Segment 1500uA Supply Current 20-Pin SOIC WTube

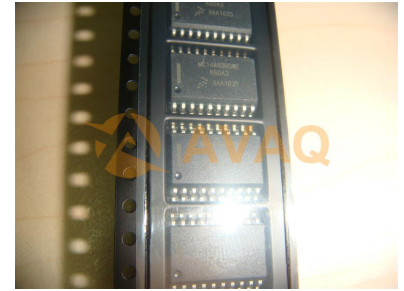
**Manufacturer:** [NXP Semiconductor](#)

**Package/Case:** SOP20

**Product Type:** Optoelectronics

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** NRND



Images are for reference only

[Inquiry](#)

### General Description

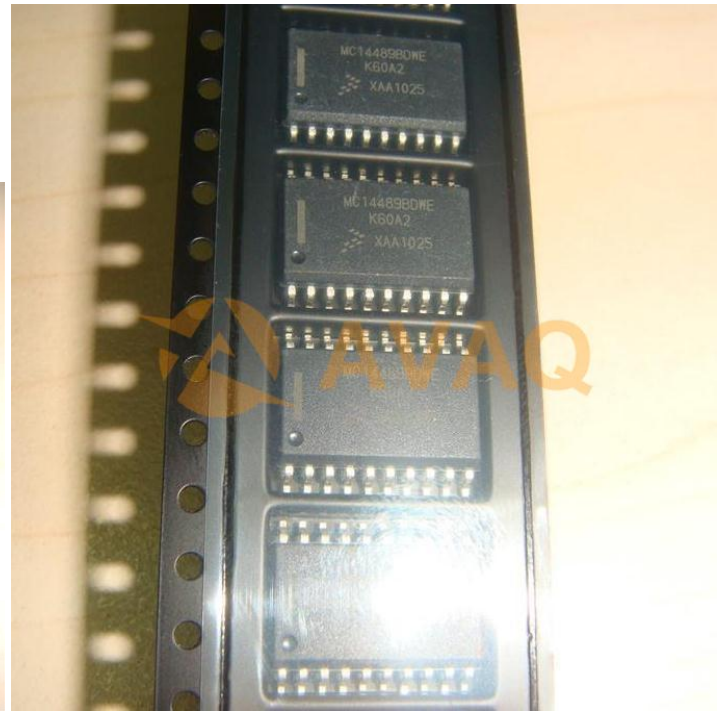
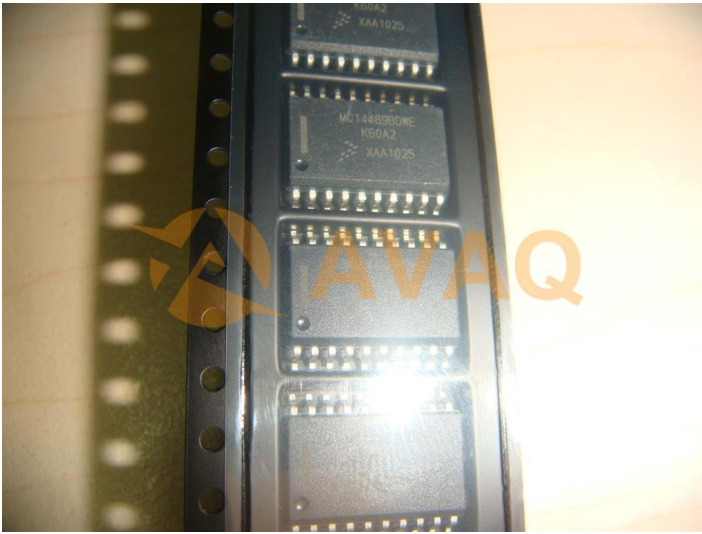
MC14489BDWE is a specialized integrated circuit (IC) designed for use in automotive applications such as dashboard displays and other lighting control functions. It is a 16-channel low voltage/high current LED driver that provides serial data transfer from a microprocessor to the IC in a cascading configuration.

### Key Features

- 16-channel LED driver
- Low voltage operation (3.3V or 5V)
- High output current capability (up to 200mA per channel)
- Serial data transfer interface
- Cascading capability up to 8 devices
- Built-in LED test function

### Application

- Automotive dashboard displays
- Interior and exterior lighting controls in cars, trucks, and buses
- Industrial control and automation systems
- Medical equipment displays
- Consumer electronics



## Recommended For You

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### PCF8578T/1,118

NXP Semiconductor

DETAIL

### PCA9633PW,118

NXP Semiconductor

TSSOP-16

### PCA9959HNMP

NXP Semiconductor

SOP

### PCA9957HNMP

NXP Semiconductor

40-HVQFN5x5

### PCA9956BTWY

NXP Semiconductor

HTSSOP-38

### PCA9955BTWJ

NXP Semiconductor

HTSSOP-28

### PCA9745BTWJ

NXP Semiconductor

HTSSOP-28

### PCA2117DUGR/DAZ

NXP Semiconductor

SOP-8

### PCF8536BT/1,118

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56-TSSOP

### PCA9551PW,118

NXP Semiconductor

16-TSSOP0.1734.40mm

### UBA2017T/1,518

NXP Semiconductor

BGA

### UBA2024BT/N1,518

NXP Semiconductor

BGA

### UBA2016AT/1,118

NXP Semiconductor

20-SO

### PCF8566P,112

NXP Semiconductor

BGA

### PCA85134H/Q900/1,1

NXP Semiconductor

80-LQFP12x12