


Comparator Single $\pm 15\text{V}/30\text{V}$ Automotive 8-Pin SOIC T/R

Manufacturer:	Texas Instruments, Inc
Package/Case:	SOP8
Product Type:	Linear Displacement Sensors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The LM211 is a single high-speed voltage comparator. This device is designed to operate from a wide range of power-supply voltages, including $\pm 15\text{-V}$ supplies for operational amplifiers and 5-V supplies for logic systems. The output levels are compatible with most TTL and MOS circuits. This comparator is capable of driving lamps or relays and switching voltages up to 50 V at 50 mA . All inputs and outputs can be isolated from system ground. The outputs can drive loads referenced to ground, V_{CC+} , or V_{CC-} . Offset balancing and strobe capabilities are available, and the outputs can be wire-OR connected. If the strobe is low, the output is in the off state, regardless of the differential input.

Key Features

Qualified for Automotive Applications

Fast Response Times

Strobe Capability

Maximum Input Bias Current . . . 150 nA

Maximum Input Offset Current . . . 20 nA

Can Operate From Single 5-V Supply

Recommended For You

LM311MX

Texas Instruments, Inc

SOP8

LMV7219M5

Texas Instruments, Inc

SOT23-5

LM348D

Texas Instruments, Inc

SOP-14

LM224N

Texas Instruments, Inc
DIP14

LM239J

Texas Instruments, Inc
CDIP14

LMV331M5

Texas Instruments, Inc
SOT23-5

LM393ADR

Texas Instruments, Inc
SOP8

LM293DR

Texas Instruments, Inc
SOP8

LM293D

Texas Instruments, Inc
SOP8

LMV824MIX

Texas Instruments, Inc
TSSOP

LMV358M

Texas Instruments, Inc
SOP8

LMV321M5

Texas Instruments, Inc
SOT23-5

LM741H

Texas Instruments, Inc
CAN8

LM193AH

Texas Instruments, Inc
CAN8

LM111H/NOPB

Texas Instruments, Inc
CAN8