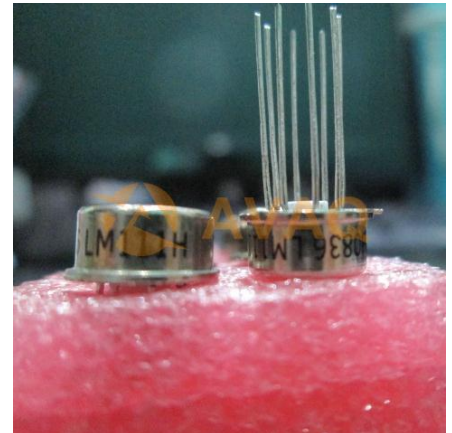


Comparator Single $\pm 18\text{V}/36\text{V}$ 8-Pin TO-99 Box

Manufacturer:	Texas Instruments, Inc
Package/Case:	CAN8
Product Type:	Linear Displacement Sensors
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The LM111, LM211, and LM311 devices are single high-speed voltage comparators. These devices are 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. These comparators are 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

Operates From Single 5V Supply

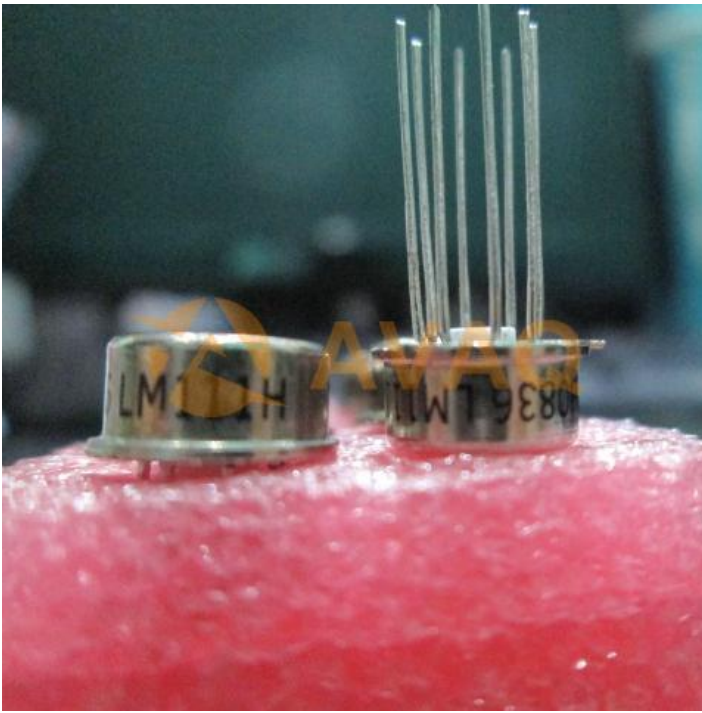
Input Current: 150 nA Max. Over Temperature

Offset Current: 20 nA Max. Over Temperature

Differential Input Voltage Range: $\pm 30\text{V}$

Power Consumption: 135 mW at $\pm 15\text{V}$

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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