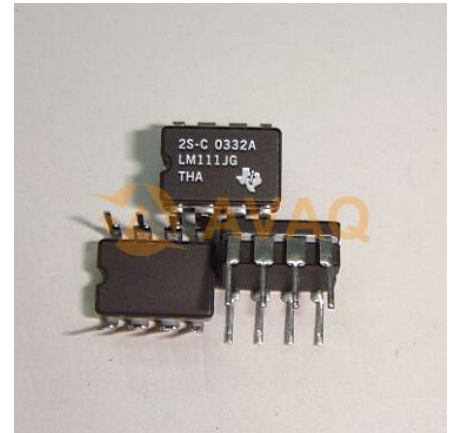


## Comparator Single $\pm 15V/30V$ 8-Pin CDIP Tube

<b>Manufacturer:</b>	<a href="#">Texas Instruments, Inc</a>
<b>Package/Case:</b>	CDIP8
<b>Product Type:</b>	Linear Displacement Sensors
<b>Lifecycle:</b>	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  $\pm 15$ -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, VCC+ or VCC. 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

Fast Response Time: 165 ns

Strobe Capability

Maximum Input Bias Current: 300 nA

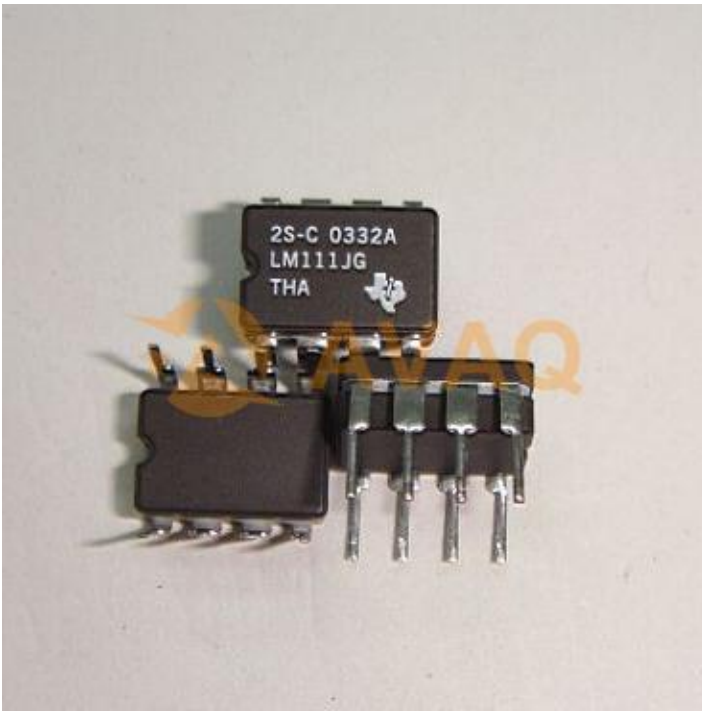
Can Operate From Single 5-V Supply

Available in Q-Temp Automotive

High-Reliability Automotive Applications

Qualification to Automotive Standards

On Products Compliant to MIL-PRF-38535,



## Recommended For You

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### **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