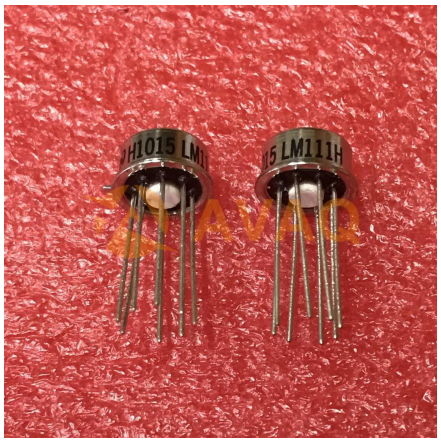
LM111H/NOPB

Comparator Single ±18V/36V 8-Pin TO-99 Box

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



Images are for reference only

Inquiry

General Description

The LM111H/NOPB is a high-speed voltage comparator designed to compare two input voltage levels and provide a high or low output voltage based on the comparison results. It is known for its fast response time and accurate performance in various applications.

Key Features

High-Speed Operation: It is designed for high-speed operation, making it suitable for applications that require rapid response times.

Differential Inputs: The IC has two differential inputs (inverting and non-inverting) that allow the user to compare voltages with respect to a reference voltage.

Open-Collector Output: The output of the LM111H/NOPB is in an open-collector configuration, enabling easy interfacing with other digital or logic circuits.

Wide Supply Voltage Range: The IC typically operates over a wide supply voltage range, providing flexibility in different voltage environments.

Low Input Offset Voltage: It is known for its low input offset voltage, which ensures accurate voltage comparison.

Application

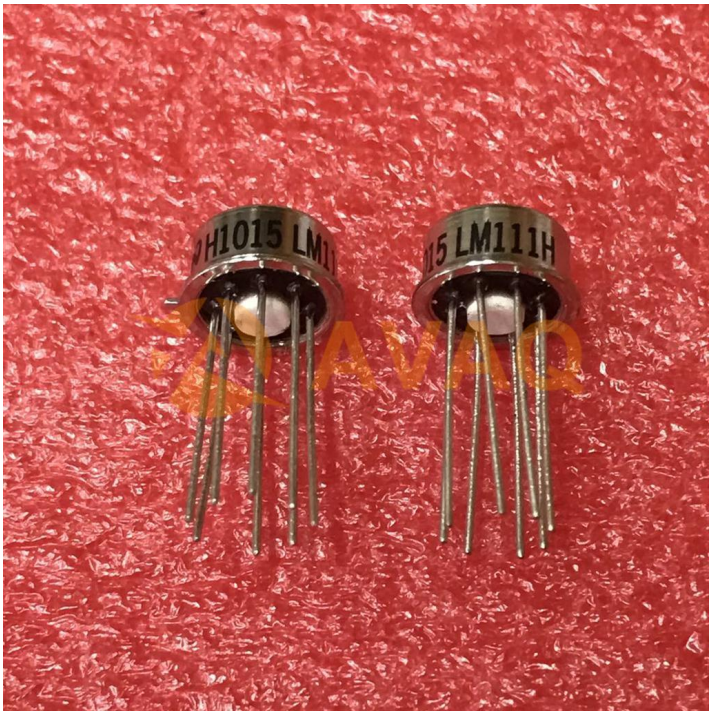
Overvoltage and Undervoltage Protection

Threshold Detection

Zero-Crossing Detection

Signal Conditioning

Pulse and Timing Circuits



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

LMV824MTX

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

LM119H

Texas Instruments, Inc

CAN10