
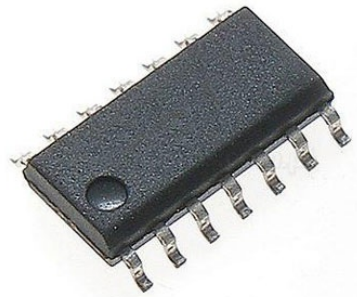


Comparator Dual $\pm 15V/30V$ 14-Pin SOIC T/R

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOP14
Product Type:	Linear Displacement Sensors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

These products are precision high-speed dual comparators designed to operate over a wide range of supply voltages down to a single 5 V logic supply and ground. They feature low input currents and high gains.

The open collector of the output stage makes them compatible with transistor-transistor logic (TTL) as well as capable of driving lamps and relays at currents up to 25 mA. Although designed primarily for applications requiring operation from digital logic supplies, these comparators are fully specified for power supplies up to ± 15 V. They feature faster response times than the LM111 at the expense of higher current consumption. However, the high speed, wide operating voltage range and low package count make the LM119, LM219, and LM319 much more versatile.

Key Features

Two independent comparators

Supply voltage: $+5V$ to $\pm 15V$

Typically 80 ns response time at $\pm 15V$

Minimum fan-out of two each side

Maximum input current of $1 \mu A$ over the operating temperature range

Inputs and outputs can be isolated from system ground

High common-mode slew rate

Recommended For You

LMB39D

STMicroelectronics, Inc

SOP14

LMB93D

STMicroelectronics, Inc

SOP8

LM239D

STMicroelectronics, Inc

SOP

LMI58DT

STMicroelectronics, Inc
SOP8

LM2902D

STMicroelectronics, Inc
SOP14

LM2903D

STMicroelectronics, Inc
SOP8

LM239PT

STMicroelectronics, Inc
TSSOP14

LMB39DT

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SOP14

LMB39PT

STMicroelectronics, Inc
TSSOP14

LMI19J

STMicroelectronics, Inc
CDIP14

LMV358IPT

STMicroelectronics, Inc
TSSOP-8

LMV324IDT

STMicroelectronics, Inc
SOP14

LMB11DT

STMicroelectronics, Inc
SOP-8

LMB93PT

STMicroelectronics, Inc
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LMB93DT

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