

# LM339



**Product Code:** 596aa

**Stock:** 21

**Custom Field 5 (Location):** S48a

**Call for Price:** 91166668

## Short Description

LM339N LM339 Low Power Quad Voltage Comparators New IC

## Description

### Description:

The LM339 devices consist of four independent voltage comparators that are designed to operate from a single power supply over a wide range of voltages. Operation from dual supplies also is possible, as long as the difference between the two supplies is 2 V to 36 V, and  $V_{CC}$  is at least 1.5 V more positive than the input common-mode voltage. Current drain is independent of the supply voltage. The outputs can be connected to other open-collector outputs to achieve wired-AND relationships.

## Included:

- 5 x LM339N

## This item features:

- Wide Supply Ranges

- Single Supply: 2 V to 36 V  
(Tested to 30 V for Non-V Devices and 32 V for V-Suffix Devices)
  - Dual Supplies: 0 V to 18 V  
(Tested to 15 V for Non-V Devices and 16 V for V-Suffix Devices)
  - Low Supply-Current Drain Independent of Supply Voltage: 0.8 mA (Typical)
  - Low Input Bias Current: 25 nA (Typical)
  - Low Input Offset Current: 3 nA (Typical) (LM139)
  - Low Input Offset Voltage: 2 mV (Typical)
  - Common-Mode Input Voltage Range Includes Ground
  - Differential Input Voltage Range Equal to Maximum-Rated Supply Voltage: 136 V
  - Low Output Saturation Voltage
  - Output Compatible With TTL, MOS, and CMOS
  - On Products Compliant to MIL-PRF-38535,
- All Parameters Are Tested Unless Otherwise Noted. On All Other Products, Production Processing Does Not Necessarily Include Testing of All Parameters.