

Analogue Comparator, General Purpose, 1 Comparator, 200 ns, 5V to 36V, SOIC, 8 Pins

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	SOIC-8
Product Type	Comparator ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LM311DR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## 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.

## 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,

All Parameters Are Tested Unless Otherwise Noted. On All Other Products, Production Processing Does Not Necessarily Include Testing of All Parameters.

## Application

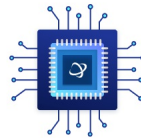
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## Related Products



### [LM211DR2G](#)

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SOIC-8



### [LMV393DMR2G](#)

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Micro8



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### [LM2903DR2](#)

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### [LM2901VDR2G](#)

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### [LMV393MUTAG](#)

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