

Operational Amplifier, Rail-to-Rail O/P, 1 Amplifier, 1 MHz, 1 V/ μ s, 1.8V to 5V, \pm 900mV to \pm 2.5V

Manufacturers	ON Semiconductor, LLC
Package/Case	SC-88A
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for LMV301SQ3T2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LMV301 CMOS op-amp can operate over a power supply range from 1.8 V to 5.0 V and has a quiescent current of less than 260 microA, maximum, making it ideal for portable battery-operated applications such as notebook computers, PDAs and medical equipment. Low input bias current and high input impedance make it highly tolerant of high source-impedance signal-sources such as photodiodes and pH probes. In addition, the LMV301s excellent rail-to-rail performance will enhance the signal-to-noise performance of any application together with an output stage capable of easily driving a 600 OHMs resistive load and up to 1000 pF capacitive load. The LMV301 comes in the space saving 5-pin SC-70 package with two industry-standard pinouts, giving it both equivalent function and similar performance to competitive devices.

Features

Single Supply Operation (or #177;VS/2)

Facilitates PCB design

VS from 1.8 V to 5 V

Flexible supply range

Application

ONSEMI

Related Products



[LM324ADG](#)

ON Semiconductor, LLC
SOIC-14



[LM321SN3T1G](#)

ON Semiconductor, LLC
SOT23-5



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