

ON SEMICONDUCTOR LMV931SQ3T2G Operational Amplifier, Single, 1 Amplifier, 1.5MHz, 0.48V/ $\mu$ s, 1.8V to 5.5V, SC-70, 5Pins

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	SC-88A
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for LMV931SQ3T2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LMV931 Single and LMV932 Dual are CMOS low-voltage op-amps which can operate on single-sided power supplies (1.8 V to 5.0 V) with rail-to-rail input and output swing. Both devices come in small state-of-the-art packages and require very low quiescent current making them ideal for battery-operated, portable applications such as notebook computers and hand-held instruments. Rail-to-Rail operation provides improved signal-to-noise performance plus the small packages allow for closer placement to signal sources thereby reducing noise pickup. The single LMV931 is offered in space saving SC70-5 package. The dual LMV932 is in a Micro8. These small packages are very beneficial for crowded PCBs. Further reduction of power consumption is available with the addition of a shutdown function in the LMV981 Single and LMV982 Dual. All other functions and performance are the same. Shutdown is implemented by driving the SHDN pin LOW.

## Features

Performance Specified on Single-sided Power Supply: 1.8, 2.7, 5 V

Ideal for Battery-operated portable equipment

Extended Industrial Temperature Range: -40°C to +125°C

Useable for higher-temp applications

Low Quiescent Current 210 $\mu$ A, max per channel

Extended battery life

## Application

ONSEMI

## Related Products



[LM324ADG](#)

ON Semiconductor, LLC  
SOIC-14



[LM321SN3T1G](#)

ON Semiconductor, LLC  
SOT23-5



[LM2904VDR2G](#)

ON Semiconductor, LLC  
SOIC-8



[LM224DR2G](#)

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[LM2904VDG](#)

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[LM2904DMR2](#)

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[LM833NG](#)

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