

3-32V Quad Operational Amplifier, Ta= -25 to +85°C, Pb-free; Package: SOIC 14 LEAD;
 No of Pins: 14; Container: Tube; Qty per Container: 55, Op Amps 3-32V Quad Channel Lo
 PWR -25 to 85deg



Images are for reference only

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-14
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	

Please submit RFQ for LM224DG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LM224 is a low-cost, quad op-amp with true differential inputs. This device has several distinct advantages over standard operational amplifier types in single supply applications. The quad amplifier can operate at supply voltages as low as 3.0 V or as high as 32 V with quiescent currents about one-fifth of those associated with the MC1741 (on a per amplifier basis). The common mode input range includes the negative supply, thereby eliminating the necessity for external biasing components in many applications. The output voltage range also includes the negative power supply voltage.

Features

Short Circuited Protected Outputs

True Differential Input Stage

Single Supply Operation: 3.0 V to 32 V (LM224, LM324, LM324A)

Low Input Bias Currents: 100 nA Maximum (LM324A)

Four Amplifiers Per Package

Internally Compensated

Common Mode Range Extends to Negative Supply

Industry Standard Pinouts

ESD Clamps on the Inputs Increase Ruggedness without Affecting Device Operation

Pb-Free Packages are Available*

Application

ONSEMI

Related Products



[LM324ADG](#)

ON Semiconductor, LLC
SOIC-14



[LM321SN3T1G](#)

ON Semiconductor, LLC
SOT23-5



[LM2904VDR2G](#)

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SOIC-8



[LM224DR2G](#)

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SOIC-14



[LM2904VDG](#)

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SOIC-8



[LM2904DMR2](#)

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8-PDIP



[LM358NG](#)

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