LM224DR2G

Data Sheet

Operational Amplifier, Quad, 4 Amplifier, 1 MHz, 0.6 V/µs, 3V to 32V, SOIC, 14 Pins

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

Images are for reference only

Please submit RFQ for LM224DR2G or Email to us: 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

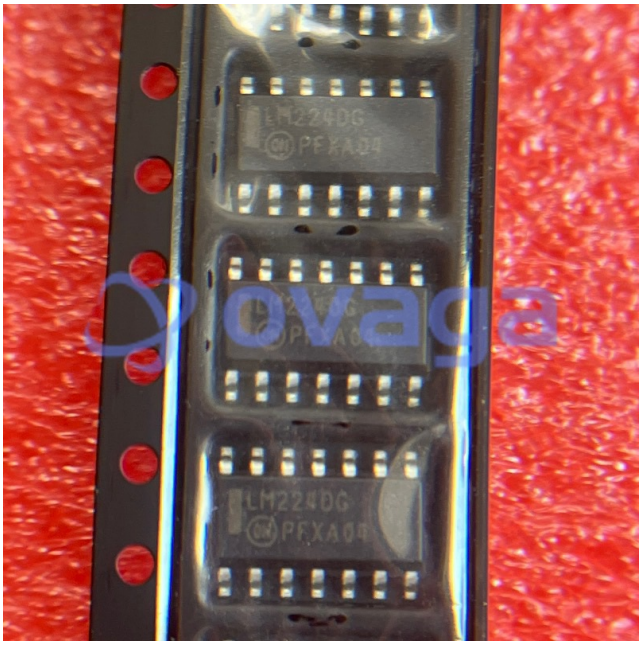
Industry Standard Pinouts

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

ON Semiconductor, LLC

SOIC-8

LM2904VDG

ON Semiconductor, LLC

SOIC-8

LM2904DMR2

ON Semiconductor, LLC

MSOP-8

LM833NG

ON Semiconductor, LLC

8-PDIP

LM358NG

ON Semiconductor, LLC

PDIP-8

LM324NG

ON Semiconductor, LLC

PDIP-14