

Single Supply Dual Operational Amplifiers, Op Amps 3-32V Dual Low Bias -25 to 85deg C

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for LM258DR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

Utilizing the circuit designs perfected for quad op-amps, this dual op-amp features low power drain, a common mode input voltage range extending to ground/VEE, and single supply or split supply operation. The LM358 series is equivalent to one-half of an LM324. These amplifiers have several distinct advantages over standard operational amplifier types in single supply applications. They 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 Circuit Protected Outputs

True Differential Input Stage

Single Supply Operation: 3.0 V to 32 V

Low Input Bias Currents

Internally Compensated

Common Mode Range Extends to Negative Supply

Single and Split Supply Operation

ESD Clamps on the Inputs Increase Ruggedness of the Device without Affecting 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



[LM224DR2G](#)

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SOIC-14



[LM2904VDG](#)

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[LM2904DMR2](#)

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8-PDIP



[LM358NG](#)

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