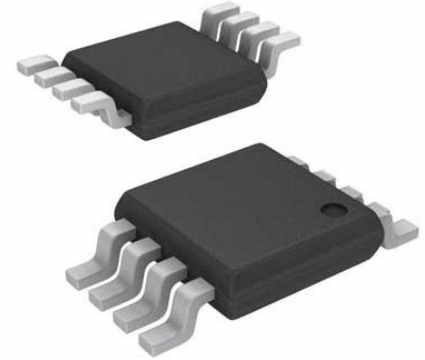


ON SEMICONDUCTOR LM358DMR2G Operational Amplifier, Dual, 2 Amplifier, 1MHz, 0.6V/ μ s, 3V to 32V, SMD, 8Pins



Images are for reference only

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

Please submit RFQ for LM358DMR2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LM358B and LM2904B devices are the next-generation versions of the industry-standard operational amplifiers (op amps) LM358 and LM2904, which include two high-voltage (36-V) op amps. These devices provide outstanding value for cost-sensitive applications, with features including low offset (300 μ V, typical), common-mode input range to ground, and high differential input voltage capability.

The LM358B and LM2904B op amps simplify circuit design with enhanced features such as unity-gain stability, lower offset voltage of 3 mV (maximum at room temperature), and lower quiescent current of 300 μ A per amplifier (typical). High ESD (2 kV, HBM) and integrated EMI and RF filters enable the LM358B and LM2904B devices to be used in the most rugged, environmentally challenging applications.

The LM358B and LM2904B amplifiers are available in industry standard packages, including SOIC, TSSOP, and VSSOP.

Features

Wide supply range of 3 V to 36 V (B version)

Quiescent current: 300 μ A per amplifier (B version, typical)

Unity-gain bandwidth of 1.2 MHz (B version)

Common-mode input voltage range includes ground, enabling direct sensing nearground

Low input offset voltage of 3 mV at 25°C (A and B versions, maximum)

Internal RF and EMI filter (B version)

On products compliant to MIL-PRF-38535, all parameters are tested unless otherwise noted. On all other products, production processing does not necessarily include testing of all parameters.

Application

ONSEMI

Related Products



[LM324ADG](#)

ON Semiconductor, LLC
SOIC-14



[LM321SN3T1G](#)

ON Semiconductor, LLC
SOT23-5



[LM2904VDR2G](#)

ON Semiconductor, LLC
SOIC-8



[LM224DR2G](#)

ON Semiconductor, LLC
SOIC-14



[LM2904VDG](#)

ON Semiconductor, LLC
SOIC-8



[LM2904DMR2](#)

ON Semiconductor, LLC
MSOP-8



[LM833NG](#)

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8-PDIP



[LM358NG](#)

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