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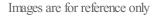
MC33204DR2G

Data Sheet

Rail-to-Rail, 1.8-12V Quad Channel Operational Amplifier, Ta = -40 to $+105^{\circ}C$ - Pb-free; Package: SOIC 14 LEAD; No of Pins: 14; Container: Tape and Reel; Qty per Container: 2500,Op Amps 1.8-12V Quad Rail to Rail -40 to 105 Cel

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





Please submit RFQ for MC33204DR2G or <u>Email to us: sales@ovaga.com</u> We will contact you in 12 hours.

<u>RFQ</u>

General Description

The MC33201/2/4 family of op-amps provides rail-to-rail operation on both the input and output. The inputs can be driven as high as 200mV beyond the supply rails without phase reversal on the outputs, and the output can swing within 50 mV of each rail. This rail-to-rail operation enables the user to make full use of the supply voltage range available. It is designed to work at very low supply voltages (\pm 0.9 V) yet can operate with a supply of up to \pm 12V and ground. Output current boosting techniques provide a high output current capability while keeping the drain current of the amplifier to a minimum. Also, the combination of low noise and distortion with a high slew rate and drive capability make this an ideal amplifier for audio applications.

Features

Low Voltage, Single Supply Operation (+1.8 V and Ground to +12 V and Ground)

- Input Voltage Range Includes both Supply Rails
- Output Voltage Swings within 50 mV of both Rails
- No Phase Reversal on the Output for Over-driven Input Signals
- High Output Current>
- Low Supply Current>
- 600 Ω Output Drive Capability

Extended Operating Temperature Ranges (-40°to +105°C and -55°to +125°C)

Typical Gain Bandwidth≥



Related Products



ON Semiconductor, LLC SOIC-14

MC34074ADG

MC33178P ON Semiconductor, LLC

DIP-8





MC3403DG

ON Semiconductor, LLC SOIC-14

MC33074DR2G

ON Semiconductor, LLC SOIC-14

ONSEMI

Application



MC33201PG

ON Semiconductor, LLC 8-PDIP



MC33204DTBR2G

ON Semiconductor, LLC TSSOP-14



MC34074VDG

ON Semiconductor, LLC SOIC-14



MC33178PG

ON Semiconductor, LLC PDIP-8