

Multiplexer Switch ICs 4-CH Buffered 250MHz 10ns Amplifier

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-14
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD8174AR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD8174AR is a high-performance, low-distortion, dual-channel operational amplifier manufactured by Analog Devices Inc. It is commonly used in applications that require high-speed amplification with low distortion and noise.

Features

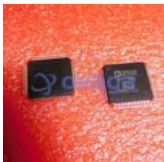
- Dual-channel operational amplifier
- Wide bandwidth: 200 MHz
- High slew rate: 1800 V/ μ s
- Low distortion: -90 dBc at 1 MHz
- Low noise: 2.8 nV/ \sqrt Hz
- Low power consumption: 6.5 mA per channel
- Voltage supply range: \pm 2 V to \pm 18 V
- Operating temperature range: -40°C to +85°C
- Available in a small outline IC (SOIC) package

Application

- Video and audio signal processing
- High-speed data acquisition systems
- Test and measurement equipment
- Communications systems
- Active filters
- ADC drivers
- DAC output amplifiers
- Transimpedance amplifiers
- Photodiode amplifiers



Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



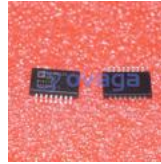
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16