

Dual, Ultralow Noise Variable Gain Amplifier

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-24
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD604AR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD604AR is an operational amplifier (op-amp) manufactured by Analog Devices. It is a high-performance, low-distortion op-amp with a wide bandwidth that can operate over a wide range of power supply voltages.

Features

Low distortion: 0.0002% typical total harmonic distortion (THD) at 1 kHz

Wide bandwidth: 110 MHz gain bandwidth product (GBP)

Low noise: 5.5 nV/ $\sqrt{\text{Hz}}$ input voltage noise density

High slew rate: 900 V/ μs

Supply voltage range: ± 2.5 V to ± 18 V

Application

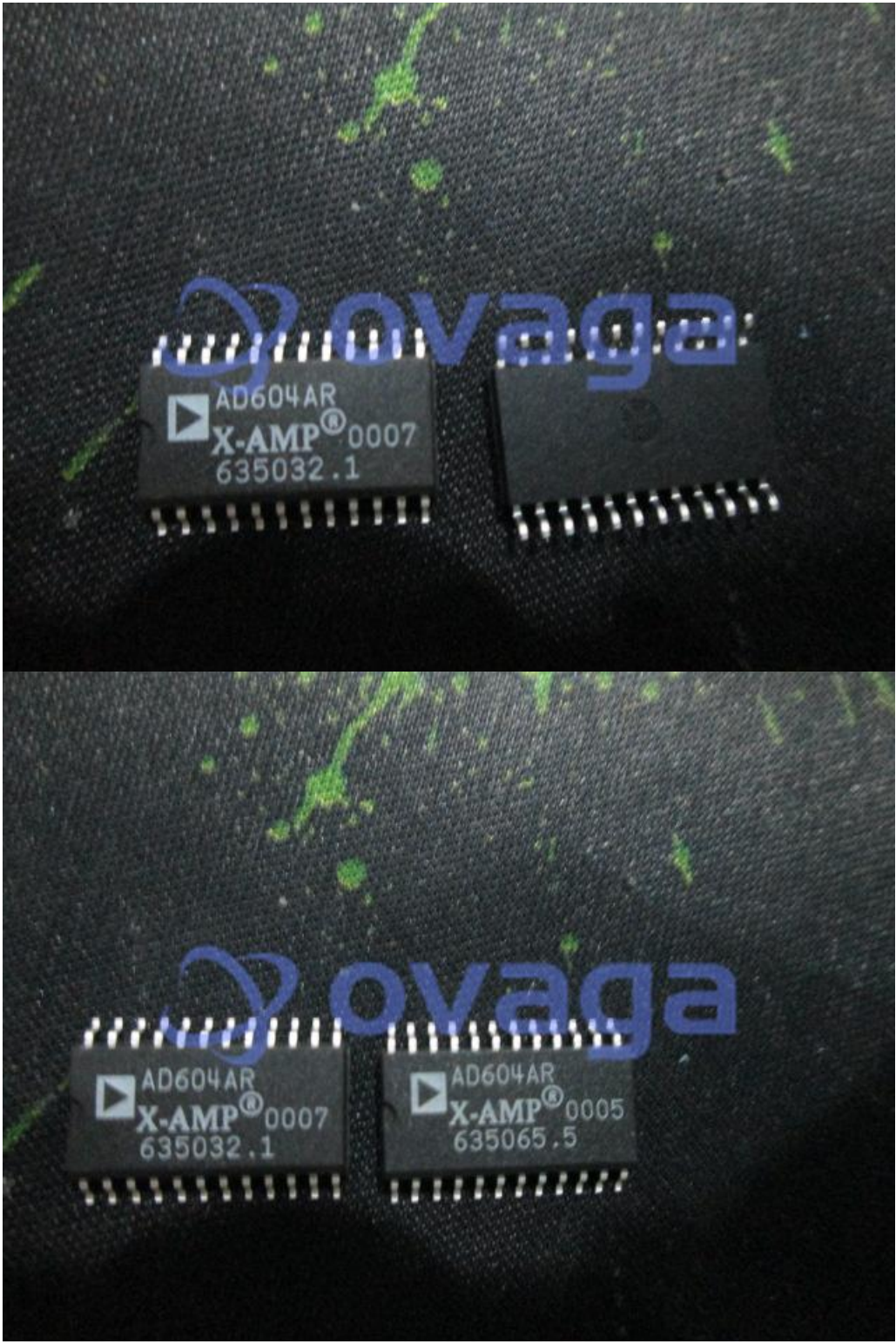
Professional audio equipment such as mixing consoles, microphone preamplifiers, and equalizers

Communications systems such as modems, demodulators, and transceivers

Video equipment such as high-resolution monitors and video distribution amplifiers

Medical equipment such as ultrasound and ECG amplifiers

Test and measurement equipment such as oscilloscopes and spectrum analyzers



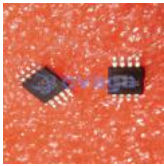
Related Products



[AD8418BRMZ-RL](#)
Analog Devices, Inc
MSOP-8



[ADA4528-2ARMZ-R7](#)
Analog Devices, Inc
MSOP-8



[ADA4084-2ARMZ](#)

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