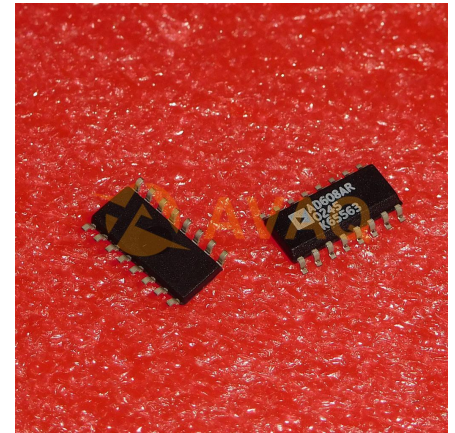


Up/Down Conv Mixer 500MHz 16-Pin SOIC N Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	SOP16
Product Type:	RF Integrated Circuits
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

AD608AR is an integrated signal conditioner for piezoelectric sensors and other low-level, high-impedance sources. It is a product of Analog Devices, a leading semiconductor company specializing in analog and digital signal processing technology.

Key Features

Low noise preamplifier with a gain of up to 1000 V/V

Input bias current of 1pA maximum

Input impedance of $10^{12} \Omega \parallel 1\text{pF}$

Adjustable output offset voltage and gain

Low output noise of $4.2 \text{ nV}/\sqrt{\text{Hz}}$

Wide bandwidth from 0.1 Hz to 10 kHz

Single 5 V power supply

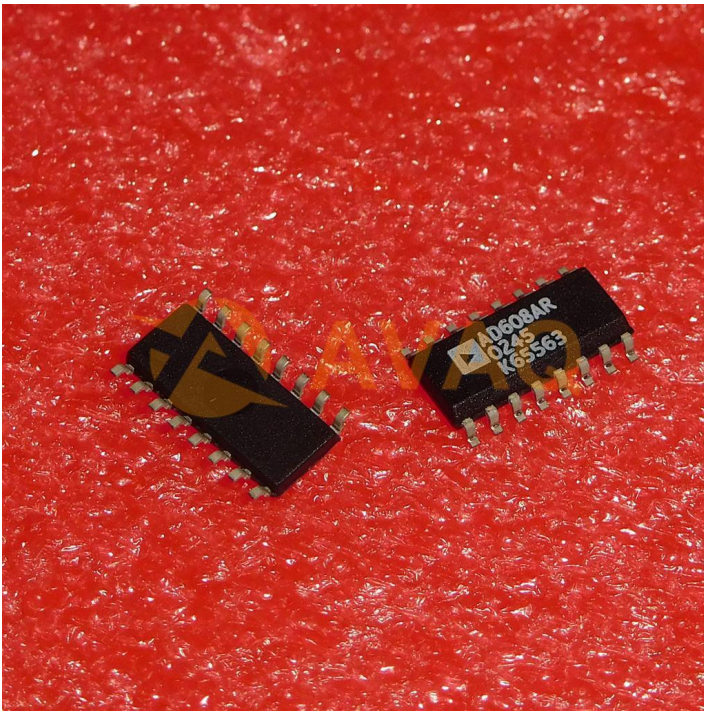
Application

High-precision measurement of physical parameters, such as pressure, force, acceleration, and displacement, using piezoelectric sensors

Vibration and noise monitoring in industrial and automotive applications

Medical instrumentation, such as ECG and EEG signal conditioning

Low-level signal amplification and conditioning in communication systems



Recommended For You

ADF4153BCPZ

Analog Devices, Inc

QFN

ADF5355BCPZ

Analog Devices, Inc

LFCSP32

AD8318ACPZ

Analog Devices, Inc

LFCSP

AD6620ASZ

Analog Devices, Inc

QFP

ADF4107BCPZ

Analog Devices, Inc

QFN

ADL5513ACPZ-R7

Analog Devices, Inc

LFCSP-16

AD8319ACPZ

Analog Devices, Inc

LFCSP

ADRF6755ACPZ

Analog Devices, Inc

QFN

ADL5535ARKZ-R7

Analog Devices, Inc

SOT89

ADF4107BRUZ-REEL7

Analog Devices, Inc

TSSOP16

ADRF6780ACPZN

Analog Devices, Inc

QFN

AD8317ACPZ

Analog Devices, Inc

LFCSP

AD608ARZ

Analog Devices, Inc

SOP16

AD8318ACPZ-REEL7

Analog Devices, Inc

LFCSP

ADF7021BCPZ

Analog Devices, Inc

LFCSP48