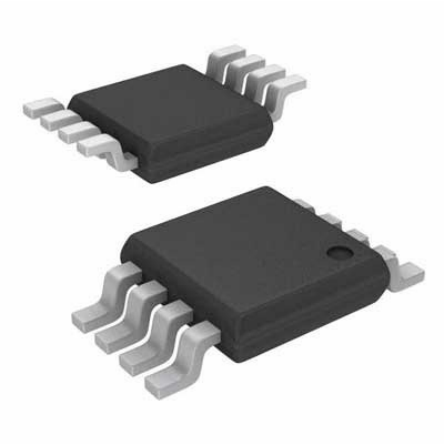
AD8602ARMZ

Data Sheet

DigiTrim™ Dual Rail-to-Rail Input and Output Amplifier with Very Low Offset Voltage and Wide Bandwidths; No of Pins: 8; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Amplifier ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD8602ARMZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The combination of low offsets, very low input bias currents, and high speed make these amplifiers useful in a wide variety of applications. Filters, integrators, diode amplifiers, shunt current sensors, and high impedance sensors all benefit from the combination of performance features. Audio and other ac applications benefit from the wide bandwidth and low distortion. For the most cost-sensitive applications, the D grades offer this ac performance with lower dc precision at a lower price point.

Applications for these amplifiers include audio amplification for portable devices, portable phone headsets, bar code scanners, portable instruments, cellular PA controls, and multipole filters.

The ability to swing rail-to-rail at both the input and output enables designers to buffer CMOS ADCs, DACs, ASICs, and other wide output swing devices in single-supply systems.

The AD8601, AD8602, and AD8604 are specified over the extended industrial (−40°C to +125°C) temperature range. The AD8601, single, is available in a tiny, 5-lead SOT-23 package. The AD8602, dual, is available in 8-lead MSOP and 8-lead, narrow SOIC surface-mount packages. The AD8604, quad, is available in 14-lead TSSOP, 14-lead SOIC, and 16-lead QSOP packages.

Features

Low Offset Voltage: 500 µV Max

Single-Supply Operation: 2.7 V to 5.5 V

Low Supply Current: 750 µA/Amplifier

Wide Bandwidth: 8 MHz

Slew Rate: 5 V/µs

Low Distortion

No Phase Reversal

Low Input Currents

Unity Gain Stable

Related Products

AD8418BRMZ-RL

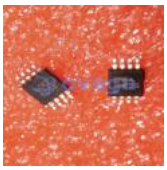
Analog Devices, Inc

MSOP-8

ADA4528-2ARMZ-R7

Analog Devices, Inc

MSOP-8



ADA4084-2ARMZ

Analog Devices, Inc

MSOP-8

AD8062ARMZ

Analog Devices, Inc

MSOP8

AD8567ARUZ

Analog Devices, Inc

TSSOP-14

AD8628AUJZ

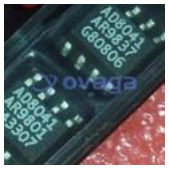
Analog Devices, Inc

SOP23

AD8022ARMZ

Analog Devices, Inc

MSOP-8



AD8041AR

Analog Devices, Inc

SOP-8