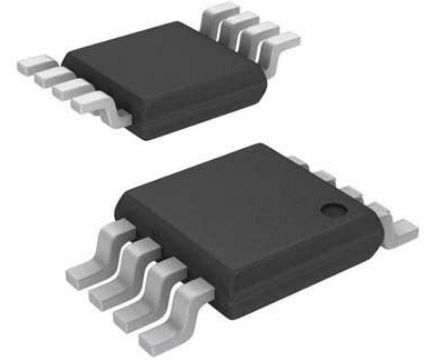Precision Dual MicroPower Rail-to-Rail Input/Output Amplifier; Package: MSOP; No of Pins: 8; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	MSOP8
Product Type	Amplifier ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for AD8607ARMZ-REEL or Email to us: sales@ovaga.com We will contact you in 12 hours.　　RFQ

General Description

These amplifiers use a patented trimming technique that achieves superior precision without laser trimming. The parts are fully specified to operate from 1.8 V to 5.0 V single supply or from ±0.9 V to ±2.5 V dual supply. The combination of low offsets, low noise, very low input bias currents, and low power consumption makes the AD8603/AD8607/AD8609 especially useful in portable and loop-powered instrumentation.

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 low power, single-supply systems.

The AD8603 is available in a tiny 5-lead TSOT package. The AD8607 is available in 8-lead MSOP and 8-lead SOIC packages. The AD8609 is available in 14-lead TSSOP and 14-lead SOIC packages.

Applications
Battery-powered instrumentation

Multipole filters

Sensors

Low power ASIC input or output amplifiers

Features

Low Offset Voltage: 40 μV typ

Low Input Bias Current: 1pA max

Single-Supply Operation: 1.8 to 5 Volts

Low Noise: 25 nV/vHz

Micropower: 50 μA/Amp max
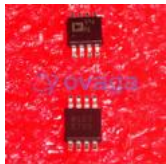
No Phase Reversal

Unity Gain Stable

Application

Battery-powered instrumentation

Multipole filters

Sensors

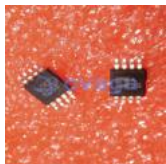Low power ASIC input or output amplifiers

Related Products

AD8418BRMZ-RL

Analog Devices, Inc

MSOP-8

ADA4084-2ARMZ

Analog Devices, Inc

MSOP-8

AD8567ARUZ

Analog Devices, Inc

TSSOP-14

AD8022ARMZ

Analog Devices, Inc

MSOP-8

ADA4528-2ARMZ-R7

Analog Devices, Inc

MSOP-8

AD8062ARMZ

Analog Devices, Inc

MSOP8

AD8628AUJZ

Analog Devices, Inc

SOP23

AD8041AR

Analog Devices, Inc

SOP-8