AD8479BRZ

Data Sheet

Differential Amplifiers Very High Common Mode VTG Prec

Manufacturers	Analog Devices, Inc
Package/Case	SOIC8
Product Type	Amplifier ICs
RoHS	Pb-free Halide free
Lifecycle	

Images are for reference only

Please submit RFQ for AD8479BRZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The AD8479 is a difference amplifier with a very high inputcommon-mode voltage range. The AD8479 is a precision devicethat allows the user to accurately measure differential signals inthe presence of high common-mode voltages up to ±600 V.

The AD8479 can replace costly isolation amplifiers in applicationsthat do not require galvanic isolation. The device operates overa ±600 V common-mode voltage range and has inputs that areprotected from common-mode or differential mode transientsup to ±600 V.

The AD8479 has low offset voltage, low offset voltage drift, low gain drift, low common-mode rejection drift, and excellent common-mode rejection ratio (CMRR) over a wide frequency range.

The AD8479 is available in a space-saving 8-lead SOIC package and is operational over the −40°C to +125°C temperature range.

Features

Rail-to-rail output

Fixed gain of 1

Wide power supply range of ±2.5 V to ±18 V

550 µA typical power supply current

Excellent ac specifications

90 dB minimum CMRR

310 kHz bandwidth

High accuracy dc performance

5 ppm maximum gain nonlinearity

10 µV/°C maximum offset voltage drift

5 ppm/°C maximum gain drift

Download(pdf)

Controlled manufacturing baseline

One assembly/test site

One fabrication site

Product change notification

Qualification data available on request

Application

High voltage current sensing

Battery cell voltage monitors

Power supply current monitors

Motor controls

Isolation

Related Products

AD8418BRMZ-RL

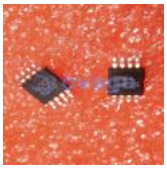
Analog Devices, Inc

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]

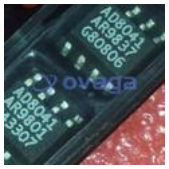
Analog Devices, Inc

SOP23

[AD8022ARMZ]

Analog Devices, Inc

MSOP-8



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Analog Devices, Inc

SOP-8