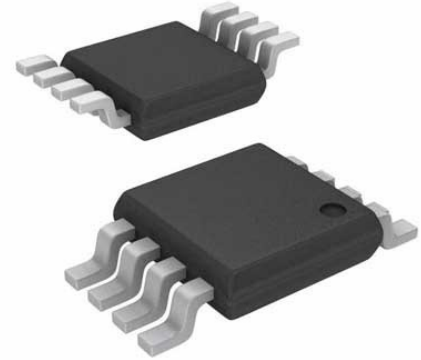


1.8 V, Micropower, Zero-Drift, Rail-to-Rail Input/Output Op Amp

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



Images are for reference only

Please submit RFQ for ADA4051-2ARMZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADA4051-1/ADA4051-2 are CMOS, micropower, zerodriftoperational amplifiers utilizing an innovative choppingtechnique. These amplifiers feature rail-to-rail input/outputswing and extremely low offset voltage while operating from a1.8 V to 5.5 V power supply. In addition, these amplifiers offerhigh power supply rejection ratio (PSRR) and common-moderejection ratio (CMRR) while operating with a typical supplycurrent of 13 μ A per amplifier. This combination of featuresmakes the ADA4051-1/ADA4051-2 amplifiers ideal choices forbattery-powered applications where high precision and lowpower consumption are important.

The ADA4051-1/ADA4051-2 are specified for the extendedindustrial temperature range of -40°C to $+125^{\circ}\text{C}$. The ADA4051-1 amplifier is available in 5-lead SOT-23 and 5-lead SC-70 packages. The ADA4051-2 amplifier is available in an 8-lead MSOP and an8-lead LFCSP.

The ADA4051-1/ADA4051-2 are members of a growing seriesof zero-drift op amps offered by Analog Devices, Inc.

Features

Very low supply current: 13 μ A typical

Low offset voltage: 15 μ V maximum

Offset voltage drift: 20 nV/ $^{\circ}$ C

Single-supply operation: 1.8 V to 5.5 V

High PSRR: 110 dB minimum

High CMRR: 110 dB minimum

Rail-to-rail input/output

Unity-gain stable

Extended industrial temperature range

Application

Pressure and position sensors

Temperature measurements

Electronic scales

Medical instrumentation

Battery-powered equipment

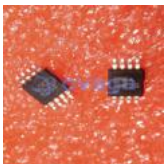
Handheld test equipment

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