

Operational Amplifier, Dual, 2 Amplifier, 9.7 MHz, 4.9 V/ $\mu$ s, 3V to 30V, NSOIC, 8 Pins

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOIC8
Product Type	Amplifier ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD8634HRZN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD8634 is well suited for applications that require both ac and dc precision performance. The combination of wide bandwidth, low noise, and precision makes the AD8634 useful in a wide variety of applications, including filters and interfacing with a variety of sensors.

This dual-channel op amp is offered in an 8-lead SOIC package with an operating temperature range of  $-40^{\circ}\text{C}$  to  $+175^{\circ}\text{C}$ . It is also available in an 8-lead ceramic flat package (FLATPACK) with an operating temperature range of  $-40^{\circ}\text{C}$  to  $+210^{\circ}\text{C}$ . Both packages are designed for robustness at extreme temperatures and are qualified for up to 1000 hours of operation at the maximum temperature rating.

The AD8634 is a member of a growing series of high temperature qualified products offered by Analog Devices, Inc. For a complete selection table of available high temperature products, see the high temperature product list and qualification data available at [www.analog.com/hightemp](http://www.analog.com/hightemp).

## Features

Extreme high temperature operation  $-40^{\circ}\text{C}$  to  $+210^{\circ}\text{C}$ , FLATPACK package  $-40^{\circ}\text{C}$  to  $+175^{\circ}\text{C}$ , SOIC package

Rail-to-rail output

Low power: 1.3 mA maximum

See data sheet for additional features

Available As Known Good Die and fully guaranteed to data sheet specifications.

## Application

Down-hole drilling and instrumentation

Avionics

Heavy industrial

High temperature environments

## Related Products



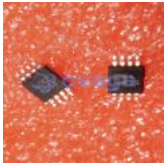
[AD8418BRMZ-RL](#)

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