

## Operational Amplifiers - Op Amps High-Speed

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SC70-5
Product Type	Amplifier ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD8033AKSZ-REEL7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD8033 FastFET amplifier is a voltage feedback amplifier with FET inputs, offering ease of use and excellent performance. The AD8033 FastFET op amp in ADI's proprietary XFCB process offers significant performance improvements over other low cost FET amps, such as low noise (11 nV/ $\sqrt{\text{Hz}}$  and 0.6 fA/ $\sqrt{\text{Hz}}$ ) and high speed (80 MHz bandwidth and 80 V/ $\mu\text{s}$  slew rate).

With a wide supply voltage range from 5 V to 24 V and fully operational on a single supply, the AD8033 amplifier will work in more applications than similarly priced FET input amps. In addition, the AD8033 has rail-to-rail outputs for added versatility.

AD8033 (Single amp) SOIC-8 and SC70

AD8034 (Dual amp) SOIC-8 and SOT23-8

## Features

FET Input Amplifier 1 pA Typical Input Bias Current

Very Low Cost

High Speed 80 MHz, -3 dB Bandwidth = +2)

Low Noise 11 nV/√Hz = 100 kHz)

Wide Supply Voltage Range 5 V to 24 V

Low Offset Voltage, 1 mV Typical

Single-Supply and Rail-to-Rail Output

High Common-Mode Rejection Ratio -100 dB

Low Power 3.3 mA/Amplifier Typical Supply Current

No Phase Reversal

Small Packaging SOIC-8, SC70

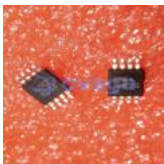


## Related Products



### [AD8418BRMZ-RL](#)

Analog Devices, Inc  
MSOP-8



### [ADA4084-2ARMZ](#)

Analog Devices, Inc  
MSOP-8



### [AD8567ARUZ](#)

Analog Devices, Inc  
TSSOP-14



### [ADA4528-2ARMZ-R7](#)

Analog Devices, Inc  
MSOP-8



### [AD8062ARMZ](#)

Analog Devices, Inc  
MSOP8



### [AD8628AUJZ](#)

Analog Devices, Inc  
SOP23



[AD8022ARMZ](#)

Analog Devices, Inc

MSOP-8



[AD8041AR](#)

Analog Devices, Inc

SOP-8