

Precision 20 MHz CMOS Dual Rail-to-Rail Operational Amplifier; Package: SOIC; No of Pins: 8; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-8
Product Type	Amplifier ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD8616ARZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD8615, AD8616 and AD8618 are single, dual and quad rail-to-rail input and output single supply amplifiers featuring very low offset voltage, wide signal bandwidth, and low input voltage and current noise. These amplifiers use a patented trimming technique that achieves superior precision without laser trimming. All are fully specified to operate from +2.7 V to +5 V single supply.

The combination of low offsets, low noise, very low input bias currents, and high speed make these amplifiers useful in a wide variety of applications. Filters, integrators, photo-diode amplifiers and high impedance sensors all benefit from the combination of performance features. Audio and other AC applications benefit from the wide bandwidth and low distortion.

Features

Low Offset Voltage: 80 μ V typ. 300 μ V max

Single-Supply Operation: 2.7 to 5 V

Low Noise: 8 nV/ $\sqrt{\text{Hz}}$

Wide Bandwidth: 20 MHz

Slew Rate: 12 V/ μ s

Low Distortion

No Phase Reversal

Low Input Bias Currents

Unity Gain Stable

Related Products



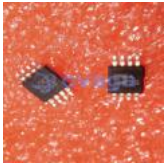
[AD8418BRMZ-RL](#)

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



[AD8041AR](#)

Analog Devices, Inc
SOP-8