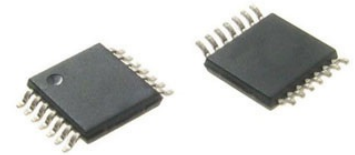


Precision 20 MHz CMOS Quad Rail-to-Rail Operational Amplifier; Package: TSSOP; No of Pins: 14; Temperature Range: Industrial

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TSSOP-14
Product Type	Amplifier ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD8618ARUZ 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  $\mu$ V typ. 300  $\mu$ 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/ $\mu$ s

Low Distortion

No Phase Reversal

Low Input Bias Currents

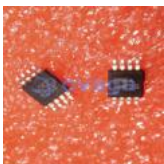
Unity Gain Stable

## 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