

215MHz, Rail-to-Rail Output, 1.1nV/ root Hz, 3.5mA Op Amp Family

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	8-SO
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT6231IS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LT6231IS8 is a high-speed, low-power operational amplifier manufactured by Linear Technology Corporation, which is now a part of Analog Devices Inc. The LT6231IS8 is a single-channel amplifier that has a wide input voltage range, rail-to-rail output swing, and a high bandwidth.

### Features

- Supply voltage range: 2.7V to 12.6V
- High gain bandwidth product: 215MHz
- Low input offset voltage: 125 $\mu$ V (maximum)
- Low input bias current: 10nA (maximum)
- Rail-to-rail output swing
- Low power consumption: 2.4mA (typical)
- Operating temperature range: -40°C to 85°C
- Packaging: 8-pin SOIC

### Application

- High-speed signal amplification
- Active filter design
- High-speed data acquisition systems
- ADC and DAC buffer amplifiers
- Photodiode and transimpedance amplifiers
- Fast integrators and differentiators
- Ultrasound receivers
- High-speed test and measurement equipment



**Related Products**



[LTC1151CSW#PBF](#)

Analog Devices, Inc  
SOIC-16



[LT1498CS8](#)

Analog Devices, Inc  
SOP-8



[LTC2053CMS8](#)

Analog Devices, Inc  
MSOP8



[LTC1150CN8](#)

Analog Devices, Inc  
DIP8



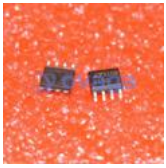
[LT1491ACS](#)

Analog Devices, Inc  
SOP14



[LT6105IMS8](#)

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MSOP-8



[LTC1150CS8](#)

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DIP-8