

12-/16-Bit, 8-Channel 200ksps ADCs

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SSOP-16
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1863IGN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC1863IGN is a 12-bit analog-to-digital converter (ADC) manufactured by Linear Technology (now part of Analog Devices).

### Features

- Resolution: 12-bit
- Sampling rate: Up to 250 kSPS (kilosamples per second)
- Input range: +/-10V differential, +/-5V single-ended
- Power supply range: 4.5V to 5.5V
- Low power consumption: 11mW typical at 5V
- Internal reference: 2.5V or external reference up to 5V
- Operating temperature range: -40°C to 85°C
- Package: 16-pin SSOP

### Application

- Data acquisition systems
- Industrial automation and control
- Test and measurement equipment
- Process control and instrumentation
- Medical equipment
- Audio and video signal processing
- Automotive systems



## Related Products



### [LTC1966CMS8](#)

Analog Devices, Inc  
MSOP-8



### [LT1054ISW](#)

Analog Devices, Inc  
SOP-16



### [LT1931ES5](#)

Analog Devices, Inc  
SOT-23



### [LTC1446CS8](#)

Analog Devices, Inc  
SOP-8



### [LTC2600IGN](#)

Analog Devices, Inc  
SSOP-16



### [LTC2208CUP](#)

Analog Devices, Inc  
QFN64



### [LTC1606IG](#)

Analog Devices, Inc  
SSOP-28



### [LT3463EDD](#)

Analog Devices, Inc  
QFN10