

8-Channel,  $\pm 10V$  Input 16-Bit, 100ksps ADC Converter with Shutdown; Package: SSOP;  
No of Pins: 28; Temperature Range:  $0^{\circ}C$  to  $+70^{\circ}C$

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SSOP-20
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1856CG#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTC1856CG#PBF is a high-performance, 12-bit analog-to-digital converter (ADC) manufactured by Linear Technology (now part of Analog Devices). It is designed to provide accurate and reliable conversion of analog signals into digital data.

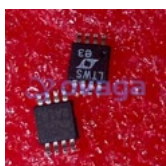
## Features

- 12-bit resolution for precise conversion
- Low power consumption
- Wide input voltage range: 0 V to VREF
- High sampling rate
- Serial interface (SPI) for easy communication
- Small package (SSOP) for space-constrained applications

## Application

- Data acquisition systems
- Instrumentation and measurement equipment
- Industrial automation
- Sensor interfaces
- Communications systems
- Test and measurement instruments

## Related Products



[LTC1860IMS8#PBF](#)

Analog Devices, Inc  
MSOP-8



[LTC2351IUH-14#PBF](#)

Analog Devices, Inc  
QFN-32



[LT1171CQ](#)

Analog Devices, Inc  
TO-263



[LTC2600CGN#PBF](#)

Analog Devices, Inc  
SSOP16



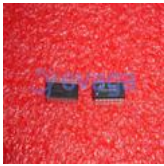
[LTC2485IDD#PBF](#)

Analog Devices, Inc  
DFN-10



[LTC2642CMS-16#PBF](#)

Analog Devices, Inc  
10MSOP



[LTC2418IGN#PBF](#)

Analog Devices, Inc  
SSOP28



[LTC1865AIMS#PBF](#)

Analog Devices, Inc  
MSOP-1