

Ic a/d conv 12bit sampling 28ssop A/D Converter

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	SSOP28
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1412CG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1412CG is a 12-bit, 1 MSPS (Mega Samples Per Second) sampling rate Analog-to-Digital Converter (ADC) manufactured by Linear Technology (now Analog Devices).

Features

A maximum sampling rate of 1 MSPS

12-bit resolution

High accuracy with $\pm 1/2$ LSB maximum DNL (Differential Non-Linearity) and ± 2 LSB maximum INL (Integral Non-Linearity)

Low power consumption with a typical power dissipation of 22 mW

Flexible input range with a bipolar input range of $\pm 10V$ or unipolar input range of 0V to 10V

SPI compatible serial interface

Application

Data acquisition systems

Industrial automation and control systems

Test and measurement equipment

Medical instrumentation

Instrumentation and control for 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