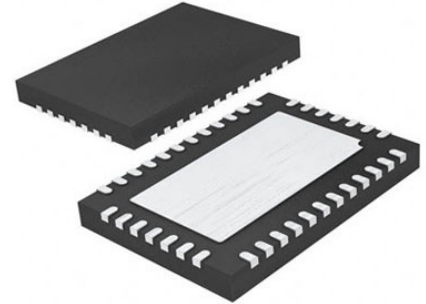


24-Bit High Speed 8-/16-Channel Delta Sigma ADCs with Selectable Speed/Resolution;
 Package: QFN; No of Pins: 38; Temperature Range: 0°C to +70°C

Manufacturers	Analog Devices, Inc
Package/Case	QFN-64
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2449CUHF#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC2449CUHF#PBF is a high-precision, 24-bit delta-sigma analog-to-digital converter (ADC) manufactured by Linear Technology (now part of Analog Devices). It is designed to provide accurate and low-noise conversion of analog signals into digital data.

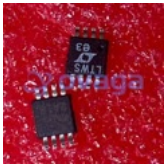
Features

- 24-bit resolution for high-precision conversion
- Delta-sigma architecture for enhanced noise performance
- Low-noise performance for precise measurements
- Wide input voltage range: $\pm V_{REF}$
- High common-mode rejection ratio (CMRR)
- Onboard oscillator for simplified system design
- Integrated digital filter for improved data processing
- Serial interface (SPI) for easy communication

Application

- Precision measurement equipment
- Data acquisition systems
- Industrial automation
- Sensor interfaces
- Test and measurement instruments
- Medical devices

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



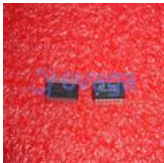
[LTC2485IDD#PBF](#)

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