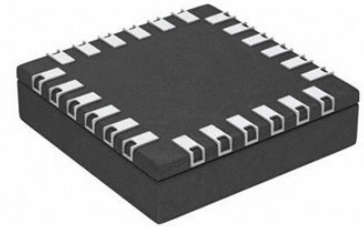


24-Bit High Speed 8-/16-Channel Delta Sigma ADCs with Selectable Speed/Resolution;  
 Package: QFN; No of Pins: 38; Temperature Range: -40°C to +85°C

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QFN-32
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2444IUHF#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTC2444IUHF#PBF is a 24-bit, high-precision, delta-sigma analog-to-digital converter (ADC) designed for accurate conversion of analog signals into digital data. It offers high resolution, low noise, and a wide input voltage range, making it suitable for various applications that require precise digitization of analog signals.

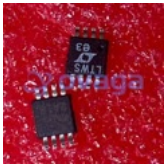
### Features

- 24-bit delta-sigma ADC
- High resolution and accuracy
- Low noise and distortion
- Wide input voltage range
- Serial interface (SPI) for data communication
- Integrated reference voltage and temperature sensor
- On-chip digital filtering and decimation
- Power-down mode for power saving

### Application

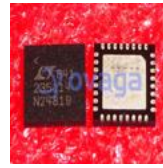
- Precision instrumentation and measurement equipment
- Data acquisition systems
- Industrial automation and control
- Process control systems
- Test and measurement applications
- Weighing scales and load cells
- Precision sensor interfaces

### 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



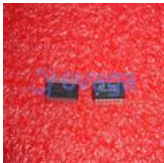
[LTC2485IDD#PBF](#)

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