

ANALOG TO DIGITAL CONVERTER ADC, 16 BIT, 10MSPS, Resolution (Bits):16bit, Sampling Rate:10MSPS, Supply Voltage Type:Single, Supply Voltage Min:3.135V, Supply Voltage Max:3.465V

Manufacturers	Analog Devices, Inc
Package/Case	QFN-48
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2202IUK or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC2202IUK is a high-speed, 16-bit analog-to-digital converter (ADC) manufactured by Linear Technology (now part of Analog Devices). It is a member of the LTC2202 family of ADCs and is designed for high-performance applications that require low power and small form factor.

Features

- 16-bit resolution
- Sampling rate up to 160 MSPS (mega-samples per second)
- Low power consumption (250 mW at 160 MSPS)
- Signal-to-noise ratio (SNR) of 76.8 dBFS
- Spurious-free dynamic range (SFDR) of 93 dBc
- Differential analog inputs with a 1 V_{pp} input range
- Internal reference voltage and programmable gain amplifier (PGA)

Application

- Communications systems (e.g., wireless base stations, broadband access, satellite systems)
- Instrumentation and test equipment
- Medical imaging equipment
- Radar and sonar systems
- High-speed data acquisition



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



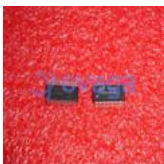
[LTC2485IDD#PBF](#)

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