

16-Bit, 25Msps ADC; Package: QFN; No of Pins: 48; Temperature Range: -40°C to +85°C

Manufacturers	Analog Devices, Inc
Package/Case	QFN48
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC2203IUK or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC2203IUK is a 16-bit analog-to-digital converter (ADC) manufactured by Linear Technology (now part of Analog Devices). It is a high-performance, low-power ADC designed for use in a variety of applications, including wireless communication systems, instrumentation, and data acquisition.

Features

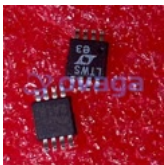
- 16-bit resolution with a maximum sampling rate of 105 Msps
- Low power consumption of 165 mW at maximum sampling rate
- High signal-to-noise ratio (SNR) of 74 dBFS
- Wide input bandwidth of 700 MHz
- Flexible power management options

Application

- Digital receivers and transceivers
- Test and measurement equipment
- High-speed data acquisition systems
- Software-defined radio (SDR) systems
- Medical imaging equipment



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



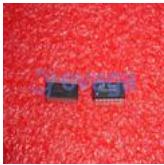
[LTC2485IDD#PBF](#)

Analog Devices, Inc
DFN-10



[LTC2642CMS-16#PBF](#)

Analog Devices, Inc
10MSOP



[LTC2418IGN#PBF](#)

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SSOP28



[LTC1865AIMS#PBF](#)

Analog Devices, Inc
MSOP-1