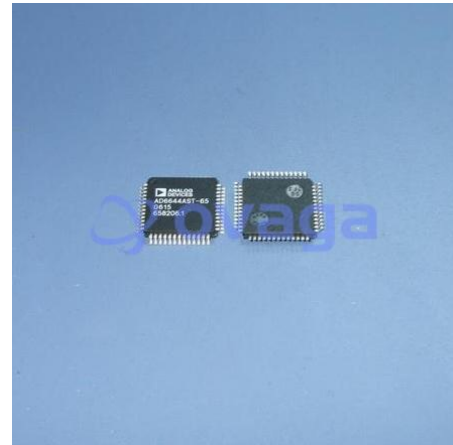


14-Bit, 40 MSPS/65 MSPS A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	TQFP52
Product Type	Memory
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD6644AST-65 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

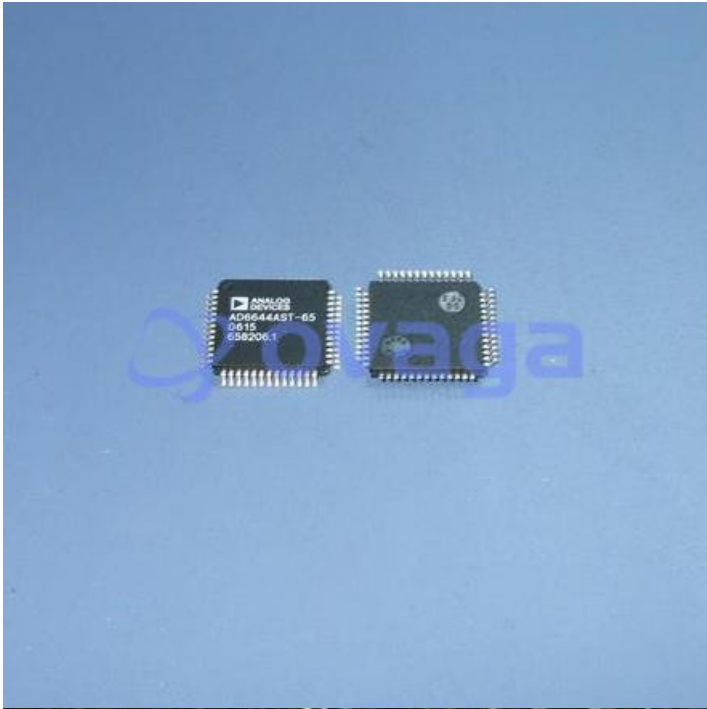
AD6644AST-65 is an Analog-to-Digital Converter (ADC) manufactured by Analog Devices, Inc. It is a high-performance 14-bit ADC that operates at a sampling rate of up to 65 MSPS (mega samples per second).

Features

- Resolution: 14-bit
- Sampling rate: up to 65 MSPS
- Signal-to-noise ratio (SNR): 71 dBFS at 10 MHz input frequency
- Spurious-free dynamic range (SFDR): 90 dBc at 10 MHz input frequency
- Input voltage range: 1 Vp-p differential
- Power consumption: 400 mW

Application

- Direct IF (intermediate frequency) sampling
- Wideband communications systems
- High-speed data acquisition
- Radar systems
- Medical imaging equipment
- Test and measurement equipment

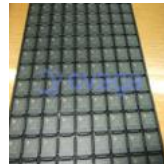


Related Products



[ADN2850BRUZ25](#)

Analog Devices, Inc
TSSOP16



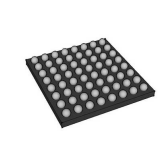
[AD6720ABCZ](#)

Analog Devices, Inc
BGA



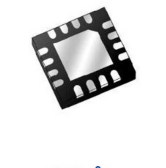
[AD7892AR-3](#)

Analog Devices, Inc
SOP-24



[AD6855ABCZ-RL](#)

Analog Devices, Inc
BGA



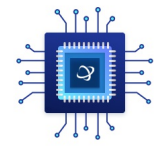
[ADXL330KCPZ-RL](#)

Analog Devices, Inc
QFN16



[AD6903ABCZ](#)

Analog Devices, Inc
BGA



[ADN2850BRUZ25-RL7](#)

Analog Devices, Inc



[DS9093A+](#)

Analog Devices, Inc
IBACC