

Analog Comparator

Manufacturers	Analog Devices, Inc
Package/Case	DIP16
Product Type	Comparator ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD9687BD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD9687BD is a high-performance, 14-bit analog-to-digital converter (ADC) manufactured by Analog Devices Inc.

Features

- Sampling rate of up to 1.25 GSPS (gigasamples per second)
- 14-bit resolution
- Low power consumption of 1.1 W
- Signal-to-noise ratio (SNR) of 59.7 dB at 500 MHz input frequency
- Spurious-free dynamic range (SFDR) of 80 dBc at 500 MHz input frequency

Application

- High-speed data acquisition systems
- Radar and communication systems
- Test and measurement equipment
- Medical imaging systems
- Industrial automation and control systems



Related Products



[ADCMP573BCPZ](#)

Analog Devices, Inc
QFN



[AD790SQ](#)

Analog Devices, Inc
CDIP-8



[AD9696KR](#)

Analog Devices, Inc
SOP-8



[AD9696TQ](#)

Analog Devices, Inc
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[AD96687BQ](#)

Analog Devices, Inc
CDIP-16



[AD790JRZ](#)

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SOIC-8



[AD790JN](#)

Analog Devices, Inc
PDIP-8



[AD8561AR](#)

Analog Devices, Inc
SOP-8