

DIGITAL TO ANALOG CONVERTER DAC, 12 BIT, 4MSPS, Supply Voltage Range: 11.4V to 16.5V D/A Converter

Manufacturers	Analog Devices, Inc
Package/Case	DIP-24
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD565AJD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD565AJD is a high-speed, precision analog-to-digital converter (ADC) manufactured by Analog Devices Inc.

Features

It has a resolution of 12 bits and can sample at rates of up to 400 kilosamples per second (ksps).

It has a high signal-to-noise ratio (SNR) of 74 dB and a total harmonic distortion (THD) of -86 dB.

It uses a fully differential input structure and operates with a single +5 V power supply.

It has an onboard sample-and-hold circuit and an internal reference voltage.

Application

Data acquisition systems

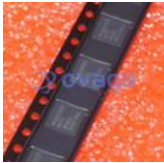
Medical imaging equipment

High-speed communications systems

Industrial automation and control systems



Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



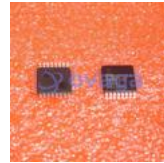
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



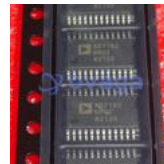
[AD7266BSUZ](#)

Analog Devices, Inc
TQPF-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64