

ANALOG TO DIGITAL CONVERTER ADC, 12 BIT, Resolution (Bits):12bit, Sampling Rate:-, Supply Voltage Type:Dual (+/-), Supply Voltage Min:-11.4V, Supply Voltage Max:16.5V A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	CDIP-28
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD574AJD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD574AJD is an analog-to-digital converter (ADC) integrated circuit (IC) manufactured by Analog Devices Inc.

Features

It is a 12-bit ADC with a maximum sampling rate of 100 kilosamples per second (ksps).

It uses a successive approximation register (SAR) architecture for conversion.

It has a wide input voltage range of $\pm 10V$.

It also includes an internal reference voltage and a precision voltage reference input.

The AD574AJD operates over a temperature range of $-40^{\circ}C$ to $+85^{\circ}C$.

Application

AD574AJD is commonly used in data acquisition systems, instrumentation, and control systems.

It can also be used in industrial automation and robotics applications.

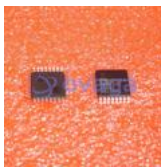
Its high accuracy and wide input voltage range make it suitable for use in precision measurement applications such as weighing scales and medical equipment.



Related Products



[ADAS3022BCPZ](#)
Analog Devices, Inc
LFCSP-40



[AD7266BSUZ](#)
Analog Devices, Inc
TQPF-32



[AD574AJNZ](#)
Analog Devices, Inc
PDIP-28



[AD7401YRWZ](#)
Analog Devices, Inc
SOIC-16



[AD7938BSUZ](#)
Analog Devices, Inc
TQFP-32



[AD7192BRUZ-REEL](#)
Analog Devices, Inc
TSSOP-24



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc

LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc

LFCSP-64