

Analog to Digital Converters - ADC 16-Bit 200 kSPS Parallel I/O

Manufacturers	Analog Devices, Inc
Package/Case	DIP28
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD976AN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD976AN is a type of digital-to-analog converter (DAC) produced by Analog Devices, Inc. It is a 16-bit, monolithic DAC with a 100 kSPS (thousand samples per second) sampling rate.

Features

16-bit resolution: This allows for high-precision conversion of digital signals into analog signals.

100 kSPS sampling rate: The fast sampling rate enables real-time processing of digital signals.

Monolithic design: The AD976AN is a single chip, which simplifies the design and reduces the space required on a printed circuit board (PCB).

Low power consumption: The device operates on a low supply voltage and consumes minimal power.

On-chip output amplifier: The on-chip amplifier allows the AD976AN to drive loads directly without the need for an external op-amp.

Application

Instrumentation and measurement: The high resolution and fast sampling rate make the AD976AN suitable for use in test and measurement equipment, such as oscilloscopes, spectrum analyzers, and data acquisition systems.

Communications: The AD976AN can be used in radio frequency (RF) applications to convert digital signals into analog signals for transmission over the airwaves.

Audio: The device is also suitable for audio applications, such as digital audio processors, equalizers, and mixers.

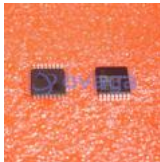


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TQFP-32



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