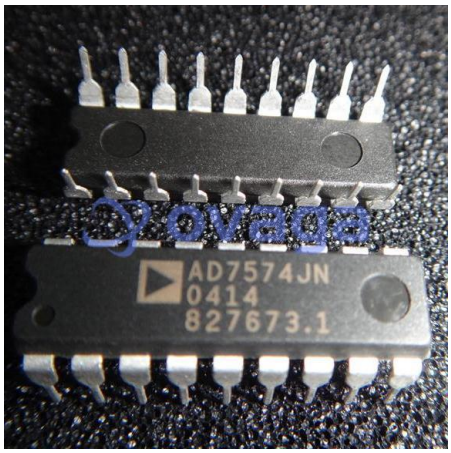
AD7574JN

Data Sheet

Analog to Digital Converters - ADC 8-Bit MPU Compatible

Manufacturers	Analog Devices, Inc
Package/Case	PDIP-18
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7574JN or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

AD7574JN is a 12-bit successive approximation analog-to-digital converter (ADC) manufactured by Analog Devices. Here are some of its features:

Features

It has a resolution of 12 bits, which means it can convert an analog input signal into a digital output signal with a maximum of 2^12 (4096) possible values.

It has a sampling rate of 100 kilosamples per second (ksps), which means it can convert up to 100,000 analog samples into digital samples per second.

It has a single-ended input configuration and accepts a wide input voltage range of -10V to +10V.

It operates on a single +5V power supply and consumes very low power, making it suitable for battery-powered applications.

It has a parallel interface and comes in a 24-pin DIP (dual inline package) package.

Application

Process control and monitoring systems

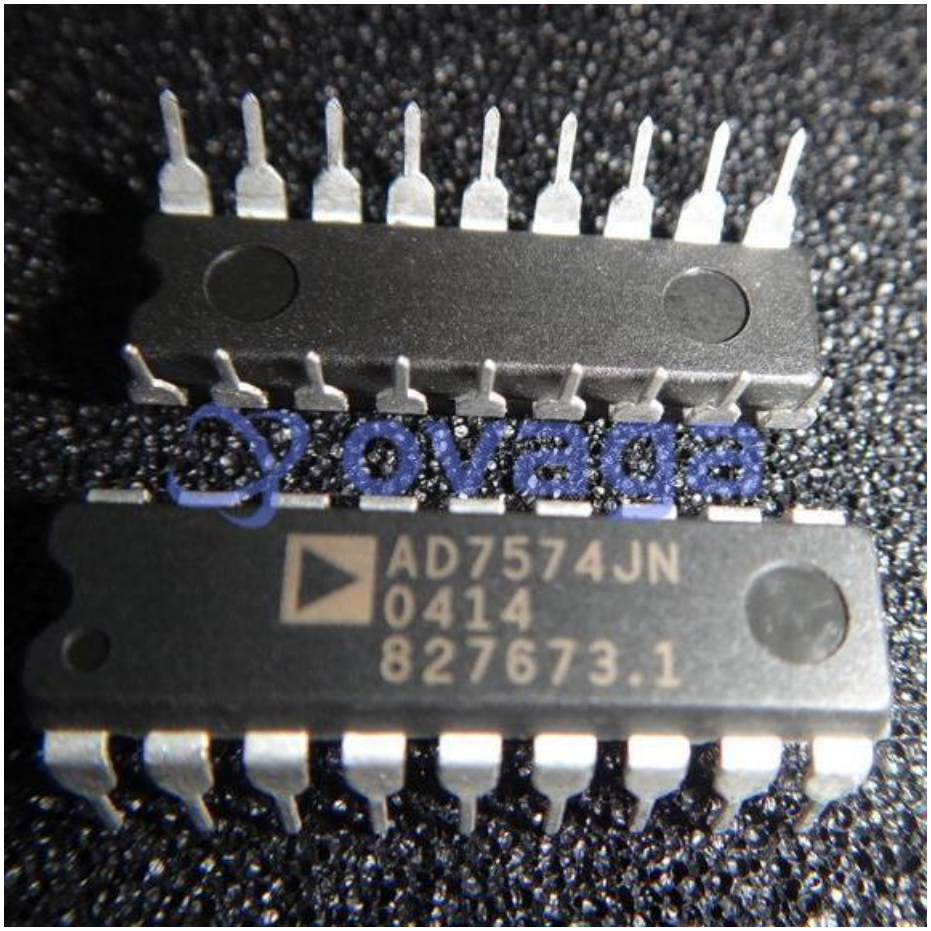
Data acquisition systems

Instrumentation and measurement systems

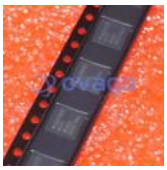
Medical instrumentation

Audio and video signal processing

Industrial automation and control



Related Products



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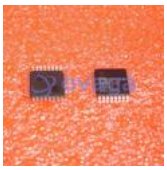
Analog Devices, Inc

LFCSP-40



[AD7266BSUZ]

Analog Devices, Inc

TQPF-32

[AD574AJNZ]

Analog Devices, Inc

PDIP-28

[AD7401YRWZ]

Analog Devices, Inc

SOIC-16

[AD7938BSUZ]

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TQFP-32

[AD7192BRUZ-REEL]

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TSSOP-24

[AD7124-8BCPZ-RL7]

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LFCSP-32

[AD9680BCPZ-500]

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LFCSP-64