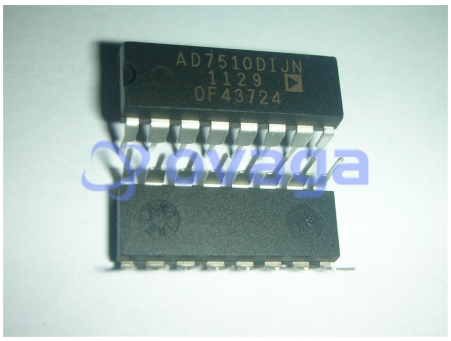
AD7510DIJN

Data Sheet

Analog Switch Quad SPST 16Pin PDIP

Manufacturers	Analog Devices, Inc
Package/Case	PDIP-16
Product Type	Switch ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7510DIJN or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

AD7510DIJN is a specific part number for an integrated circuit (IC) that is manufactured by Analog Devices Inc. It belongs to the AD7510 series of ICs that are designed for use in signal conditioning and data acquisition applications.

Features

It is a 12-bit successive approximation analog-to-digital converter (ADC) that operates with a single +5V power supply.

The ADC has a conversion time of 15 microseconds.

It has a sample-and-hold function that allows the input signal to be sampled and held constant during the conversion process.

The IC has a serial interface that allows it to be easily interfaced with microcontrollers or other digital devices.

It is available in a 16-pin ceramic DIP package.

Application

Data acquisition systems that need to digitize analog signals with a resolution of up to 12 bits.

Industrial control and monitoring systems that need to measure analog signals such as temperature, pressure, or voltage.

Instrumentation systems that require accurate and fast analog-to-digital conversion.

Robotics systems that need to process analog sensor signals.


AD7510DIJN
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Related Products

[AD7510DIKQ](#)

Analog Devices, Inc

CDIP-16

[AD8190ACPZ](#)

Analog Devices, Inc

LFCSP-56

[AD7510DIJNZ](#)

Analog Devices, Inc

PDIP-16

[AD7512DIKQ](#)

Analog Devices, Inc

CDIP-14

[AD7512DITQ](#)

Analog Devices, Inc

CDIP-14

[AD8186ARUZ](#)

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TSSOP-24

[ADG508ATQ](#)

Analog Devices, Inc

DIP-16

[AD7501SQ](#)

Analog Devices, Inc

CDIP-16