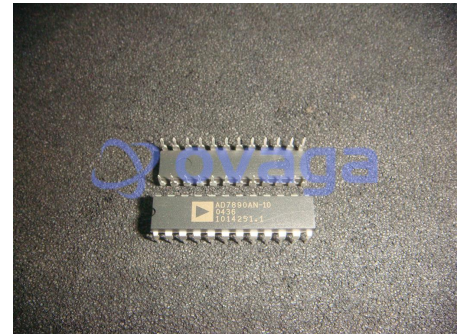


Analog to Digital Converters - ADC LC2MOS 8CH 12B Data Acquisition System

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



Images are for reference only

Please submit RFQ for AD7890AN-10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD7890AN-10 is a 12-bit analog-to-digital converter (ADC) manufactured by Analog Devices.

Features

It has a sampling rate of 100 kilosamples per second (ksps).

It operates with a single supply voltage range of 4.5V to 5.5V.

It has a differential input voltage range of -10V to +10V and a unipolar input voltage range of 0V to +10V.

It has a built-in track-and-hold function, which helps to minimize errors due to timing uncertainties.

It has a serial interface that operates with a clock frequency of up to 2.5 MHz.

It has low power consumption, consuming only 6 mW of power.

Application

AD7890AN-10 is commonly used in industrial control systems, data acquisition systems, and measurement equipment.

It is also used in medical instruments, process control, and instrumentation systems that require high-precision and low-power consumption ADCs.

It can be used for converting analog signals from sensors, amplifiers, and other analog sources to digital signals for processing and analysis.





Related Products



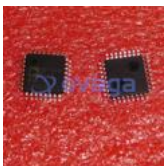
[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



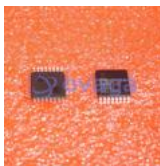
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64