

Resolver to Digital 16bit Parallel ± 8 arcmin 44-Pin PLCC Tube

Manufacturer: [Analog Devices, Inc](#)

Package/Case: PLCC44

Product Type: Data Conversion ICs

Lifecycle: Obsolete



Images are for reference only

[Inquiry](#)

General Description

AD2S82AJP is an analog-to-digital converter (ADC) designed for converting analog signals from a resolver or synchro into digital signals for use in various applications. Here are some of its features:

Key Features

High resolution: The AD2S82AJP has a resolution of 12 bits, which allows for accurate conversion of analog signals to digital signals.

Low noise: This ADC has a low noise design which results in a high signal-to-noise ratio (SNR) and better accuracy.

High-speed conversion: The AD2S82AJP can convert analog signals to digital signals at a high speed of up to 125 kHz.

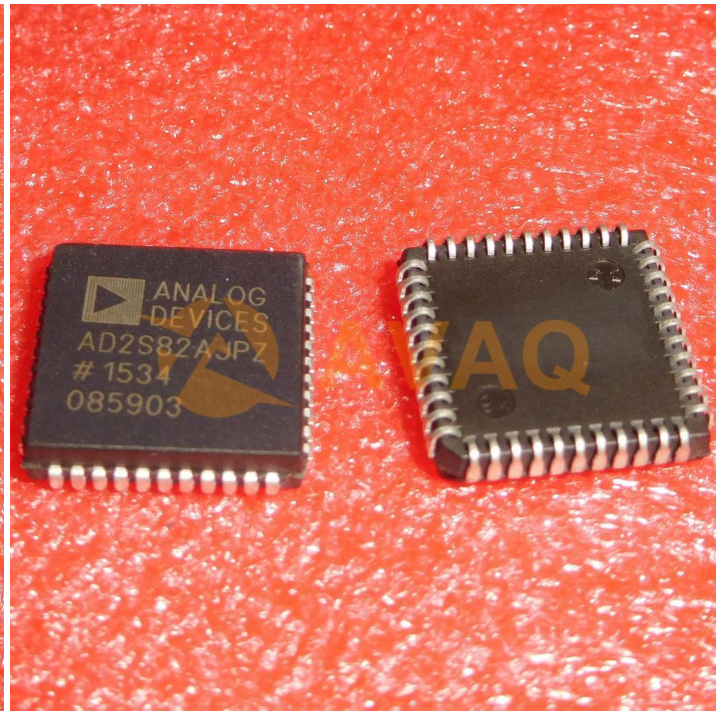
Robust design: The AD2S82AJP is designed to operate in harsh environments, with a wide operating temperature range of -40°C to $+85^{\circ}\text{C}$.

Application

Motion control systems: This ADC is commonly used in motion control systems that require precise position sensing and control, such as robotics and machine tool applications.

Aerospace and defense: The AD2S82AJP is suitable for use in aerospace and defense applications due to its robust design and ability to operate in harsh environments.

Industrial automation: This ADC is commonly used in industrial automation applications that require precise measurement and control, such as process control and monitoring.



Recommended For You

AD7305BRZ

Analog Devices, Inc

SOP20

AD9910BSVZ

Analog Devices, Inc

TQFP100

AD9831ASTZ

Analog Devices, Inc

QFP

AD5447YRUZ

Analog Devices, Inc

TSSOP

AD5302BRMZ

Analog Devices, Inc

MSOP10

AD5531BRUZ

Analog Devices, Inc

TSSOP16

AD537JH

Analog Devices, Inc

CAN10

AD652AQ

Analog Devices, Inc

DIP

AD654JN

Analog Devices, Inc

DIP8

AD7740YRMZ

Analog Devices, Inc

MSOP8

AD9914BCPZ

Analog Devices, Inc

LFCSP

AD73311ARSZ

Analog Devices, Inc

SSOP20

AD7291BCPZ

Analog Devices, Inc

LFCSP20

AD9954YSVZ

Analog Devices, Inc

QFP

AD2S1205YSTZ

Analog Devices, Inc

LQFP44