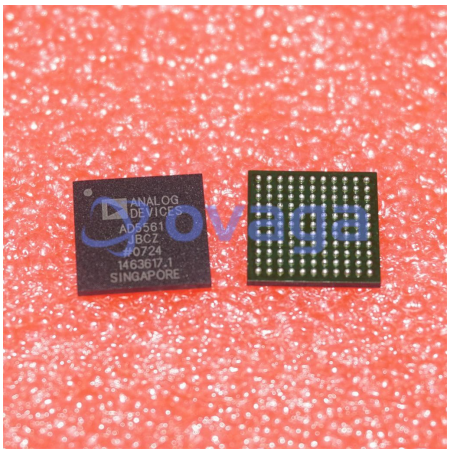
AD5561JBCZ

Data Sheet

Manufacturers	Analog Devices, Inc
Package/Case	BGA-144
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD5561JBCZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

AD5561JBCZ is a specific model number of a high-precision analog-to-digital converter (ADC) produced by Analog Devices Inc. It is a 16-bit, 1MSPS (Mega-Samples Per Second) successive approximation register (SAR) ADC that operates with a single power supply voltage of 5V.

Features

16-bit resolution, which means it can represent 2^16 (65,536) different levels of analog input voltage.

1MSPS conversion rate, which allows for fast acquisition of analog signals.

Low power consumption, with typical power consumption of 10mW at 1MSPS and 5V supply voltage.

Single-ended or differential input modes, which allows for flexibility in interfacing with different types of sensors or signals.

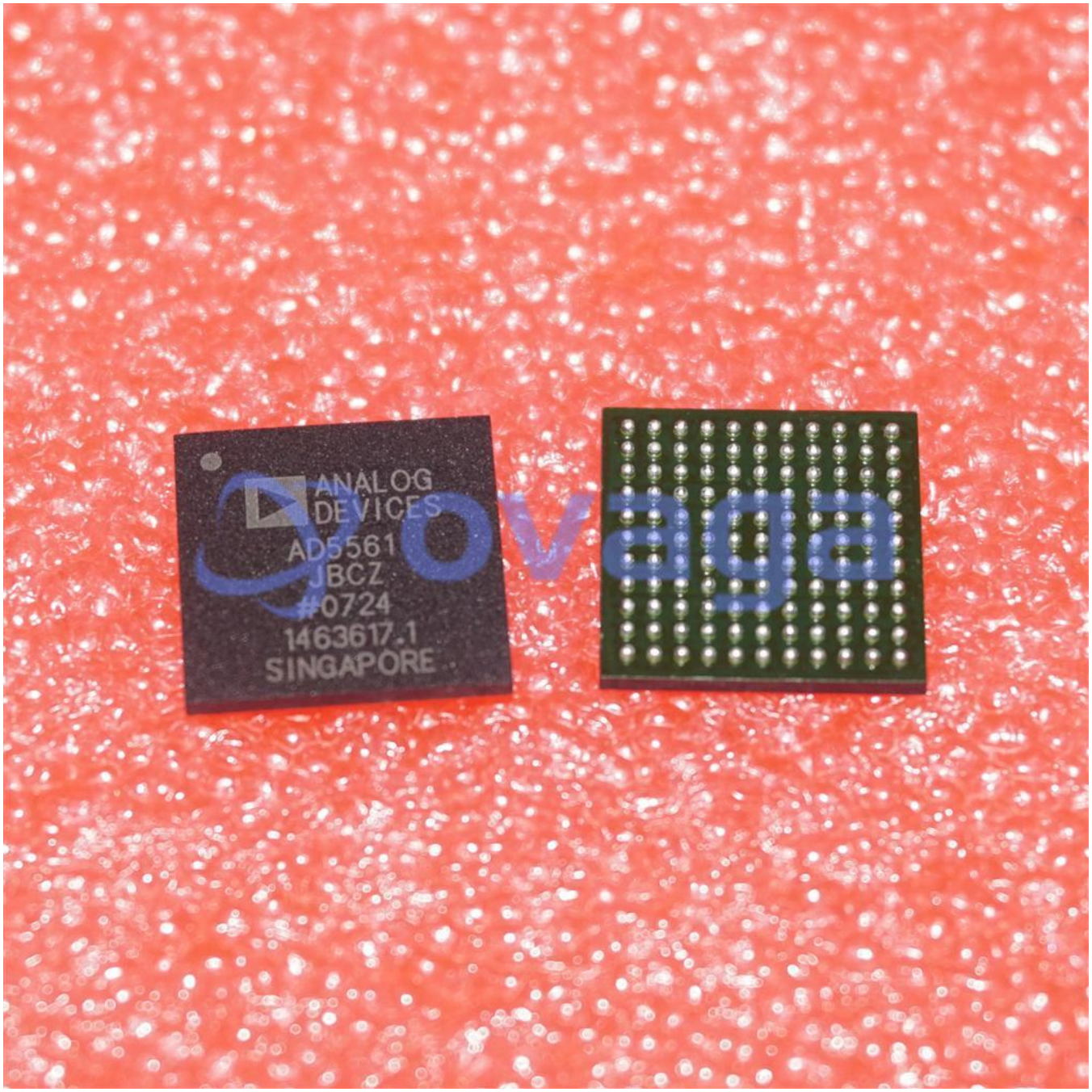
Wide input voltage range of 0V to Vref, where Vref is the reference voltage used by the ADC.

Application

Industrial automation and control systems, where high-precision ADCs are used to convert analog signals from sensors such as temperature, pressure, and flow sensors to digital signals for processing.

Medical equipment, where high-precision ADCs are used in medical imaging and monitoring systems.

Communications equipment, where high-precision ADCs are used in receivers and transmitters for signal processing.



Related Products

[ADUM1300](#)

Analog Devices, Inc

[ADL5310ACPZ](#)

Analog Devices, Inc

LFCSP-24

[ADG5409BCPZ](#)

Analog Devices, Inc

LFCSP-16

[ADG3308BCPZ](#)

Analog Devices, Inc

20LFCS

[ADR391AUJZ]

Analog Devices, Inc

SOT23-5

[ADCMP600BKSZ]

Analog Devices, Inc

SC-70-5

[ADM7171ACPZ]

Analog Devices, Inc

LFCSP8

[ADCMP601BKSZ]

Analog Devices, Inc

SC70