

500 kSPS, 8-Channel, Software Selectable True bipolar Input, 12-Bit Plus Sign A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-20
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7327TRUZ-EP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7327TRUZ-EP is a high-precision, 12-bit analog-to-digital converter (ADC) manufactured by Analog Devices. It is designed for high-performance data acquisition applications that require accurate and reliable conversion of analog signals to digital format.

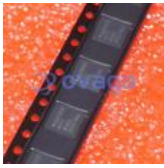
Features

- 12-bit resolution ADC
- High accuracy with low integral nonlinearity (INL)
- Wide input voltage range: 0 V to VREF
- Programmable reference voltage
- SPI-compatible serial interface
- Low power consumption
- Operating temperature range: -40°C to +125°C
- Enhanced product (EP) version for extended reliability in harsh environments

Application

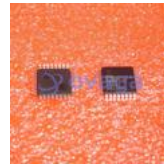
- Industrial process control
- Data acquisition systems
- Instrumentation and measurement
- Medical devices
- Robotics
- Test and measurement equipment

Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64