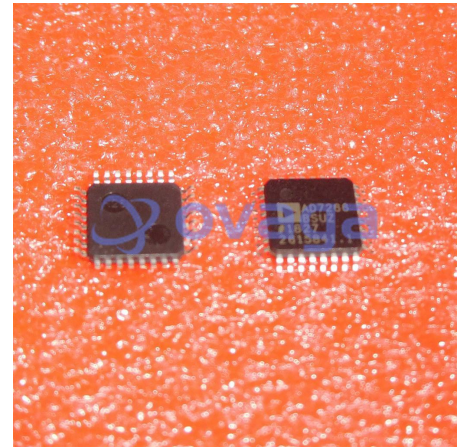


Analogue to Digital Converter, SAR, 12 bit, 2 MSPS, Pseudo Differential, Single Ended, Serial, SPI

Manufacturers	Analog Devices, Inc
Package/Case	TQPF-32
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD7266BSUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

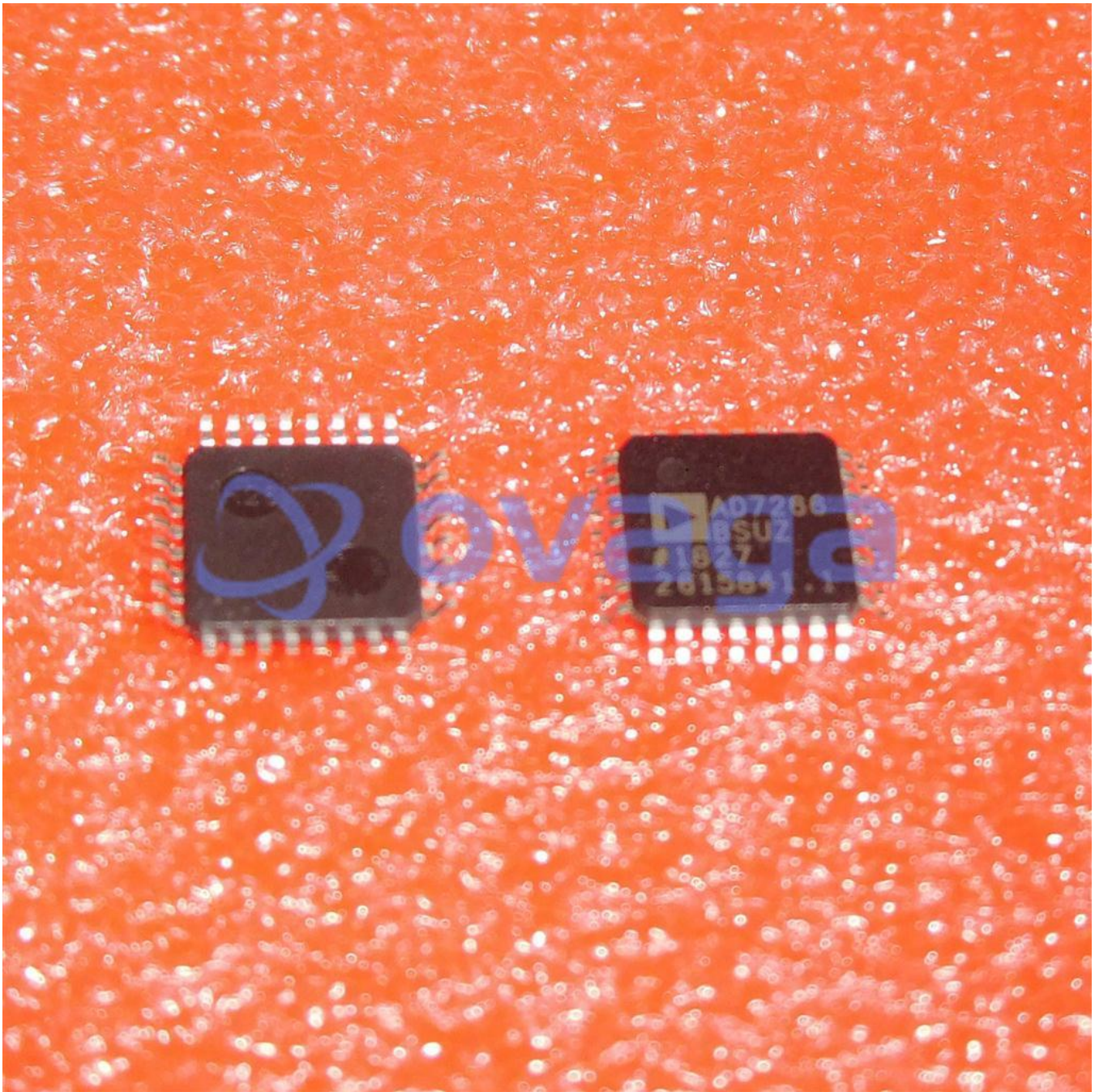
AD7266BSUZ is a specific part number for a high-performance, 12-bit analog-to-digital converter (ADC) manufactured by Analog Devices Inc., which is a leading semiconductor company specializing in analog and mixed-signal technologies. The AD7266BSUZ is a member of the AD7266 family of ADCs and comes in a small form factor 32-lead LFCSP (lead frame chip scale package) package.

Features

- 12-bit resolution ADC with a maximum sample rate of 1 MSPS (mega samples per second)
- Differential analog input channels with a voltage range of -10 V to +10 V
- Wide supply voltage range of 2.7 V to 5.25 V
- Low power consumption, with typical power dissipation of 5.5 mW at 3 V supply voltage
- SPI (Serial Peripheral Interface) and I2C (Inter-Integrated Circuit) digital interfaces for communication with microcontrollers or other digital devices
- On-chip reference voltage generator and temperature sensor
- Flexible digital output options, including straight binary, two's complement, and offset binary data formats

Application

- Industrial process control and automation
- Data acquisition systems
- Medical instrumentation
- Communications equipment
- Portable and battery-powered devices
- Test and measurement instruments



Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



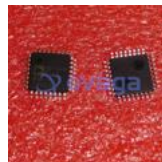
[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



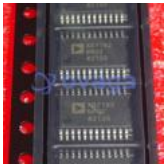
[AD7401YRWZ](#)

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



[AD9280ARSZ](#)

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SSOP-28