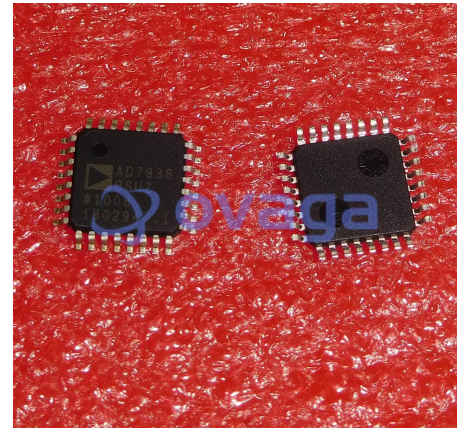


Analogue to Digital Converter, Multichannel, 12 bit, 1.5 MSPS, Differential, Single Ended, Parallel

Manufacturers	Analog Devices, Inc
Package/Case	TQFP-32
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD7938BSUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

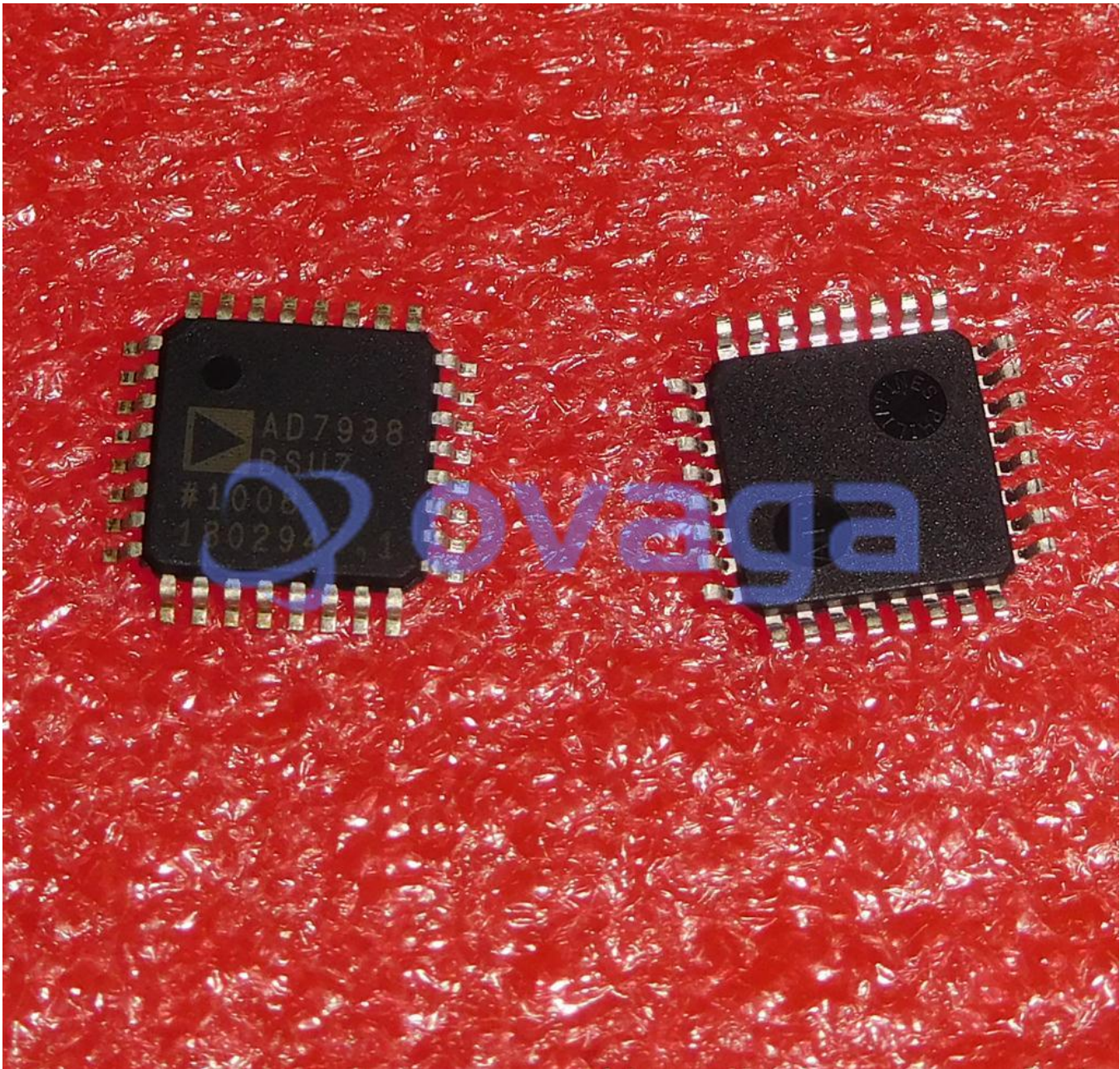
AD7938BSUZ is a 12-bit successive-approximation analog-to-digital converter (ADC) produced by Analog Devices, Inc. It is a small form factor, low power device designed for use in a wide range of applications that require high accuracy and low power consumption.

Features

- 12-bit resolution with a maximum sampling rate of 1 MSPS (million samples per second)
- Low power consumption, typically around 4.3 mW at a 1 MSPS conversion rate
- Single-ended or differential analog input options
- Built-in reference voltage
- SPI (Serial Peripheral Interface) digital interface for communication with a microcontroller or other digital device

Application

- Data acquisition systems
- Medical instrumentation
- Industrial process control and monitoring
- Instrumentation and control systems for automotive and aerospace applications
- Test and measurement equipment



Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



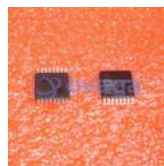
[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



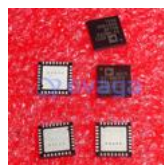
[AD7266BSUZ](#)

Analog Devices, Inc
TQPF-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc

LFCSP-64



[AD9280ARSZ](#)

Analog Devices, Inc

SSOP-28