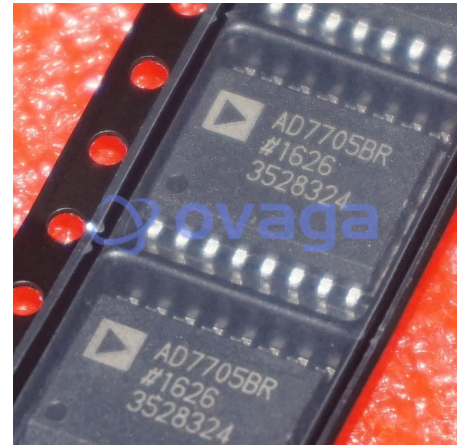


Converters - ADC 3V/5V 1mW 2-Ch Diff 16-Bit A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7705BR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

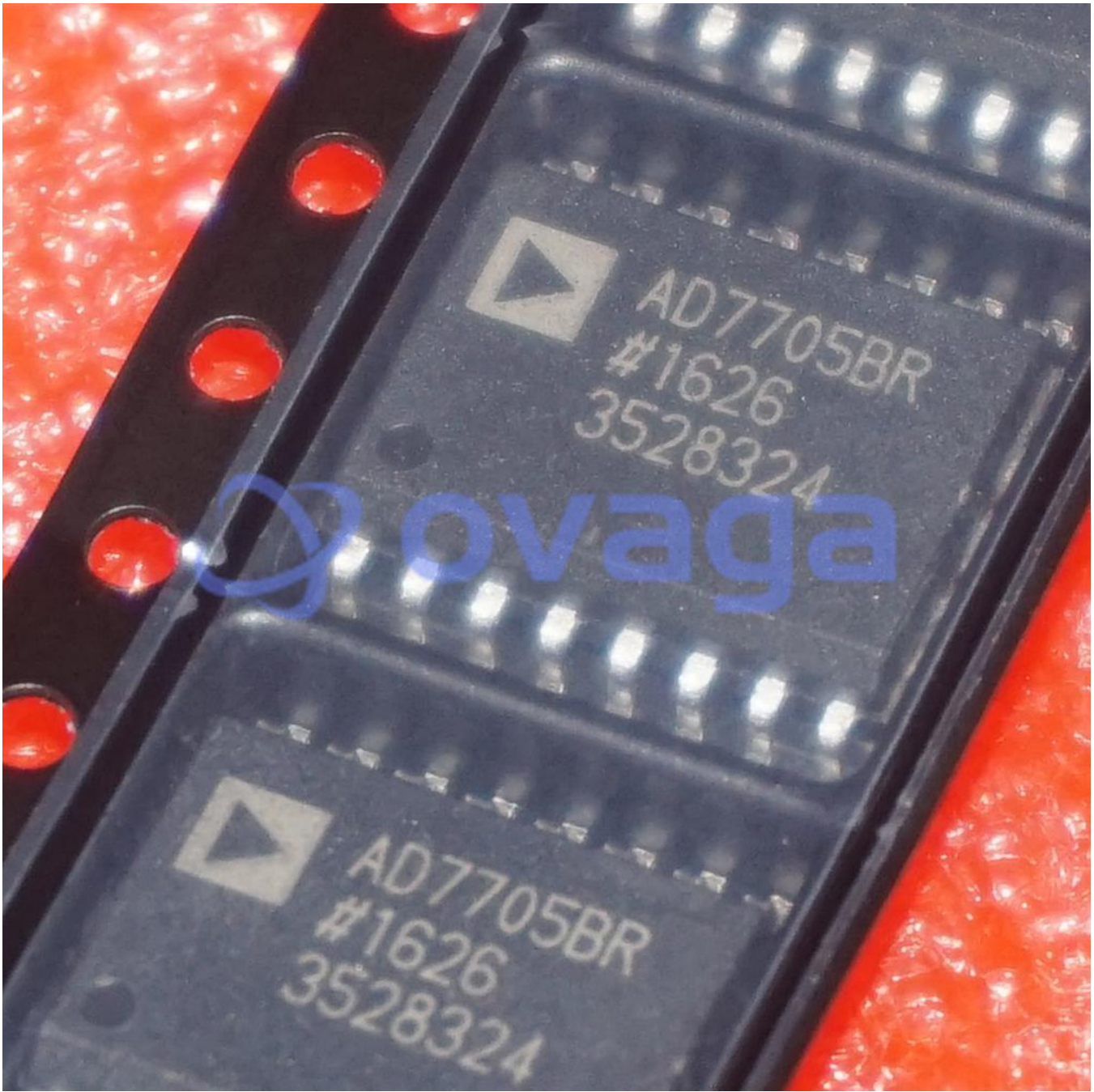
AD7705BR is an Analog-to-Digital Converter (ADC) IC manufactured by Analog Devices Inc. It is a high precision, low power, 16-bit sigma-delta ADC designed for low frequency measurement applications.

Features

- 16-bit resolution
- Low power consumption (typically 400 μ A)
- Two differential analog input channels
- Programmable gain amplifier (PGA) with gains of 1, 2, 4, and 8
- Internal reference voltage (2.5V)
- Programmable filter options for rejection of out-of-band noise and interference

Application

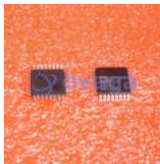
- Industrial process control and automation
- Weigh scale and strain gauge measurements
- Temperature and pressure sensors
- Medical instruments
- Data acquisition systems



Related Products



[ADAS3022BCPZ](#)
Analog Devices, Inc
LFCSP-40



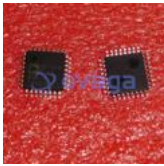
[AD7266BSUZ](#)
Analog Devices, Inc
TQPF-32



[AD574AJNZ](#)
Analog Devices, Inc
PDIP-28



[AD7401YRWZ](#)
Analog Devices, Inc
SOIC-16



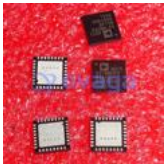
[AD7938BSUZ](#)

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