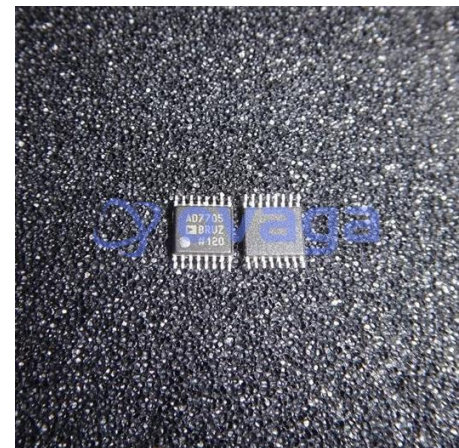


Analog to Digital Converters - ADC 3V/5V 1mW 2-Ch Diff 16-Bit

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



Images are for reference only

Please submit RFQ for AD7705BRU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

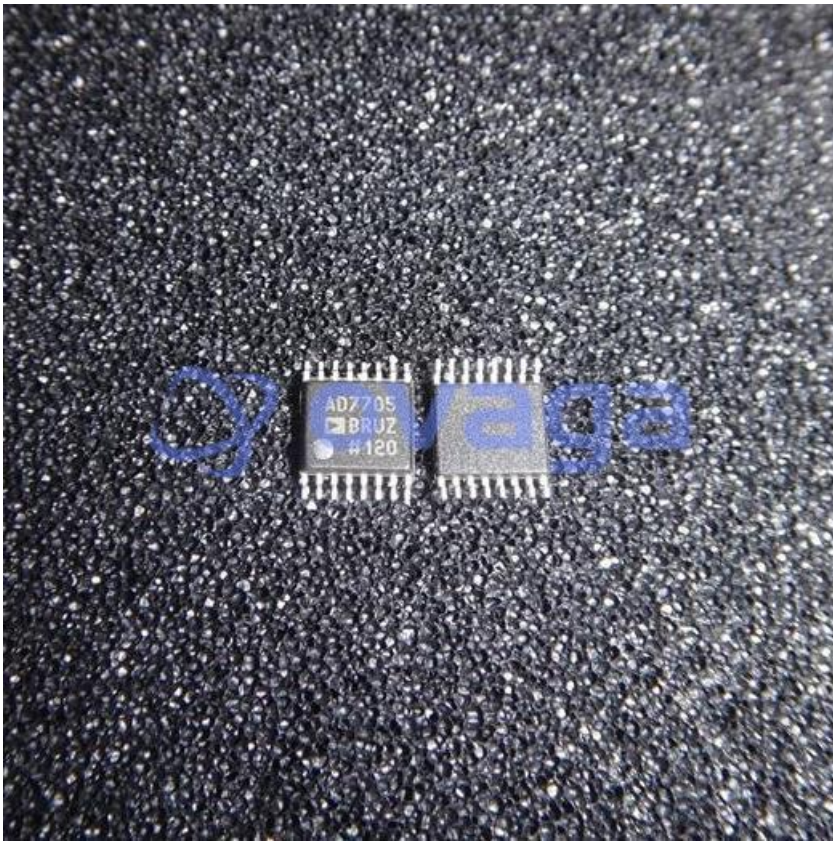
AD7705BRU is an Analog-to-Digital Converter (ADC) produced by Analog Devices Inc. It is a complete low-cost analog front end for sensor amplifiers and sensor signal conditioning circuits.

Features

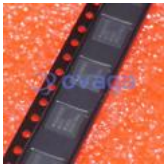
- A 16-bit resolution ADC with a programmable gain of 1, 2, 4, or 8.
- Differential or single-ended input ranges up to $\pm V_{ref}$.
- High input impedance ($10^{12} \Omega$) minimizes signal loading effects.
- Internal clock generator or external clock input.
- On-chip digital filter.
- Serial interface with Schmitt-triggered inputs.
- Low power consumption (1.5 mW typical at 5 V).
- Small package (24-lead TSSOP).

Application

- Weigh scales and strain gauge transducers.
- Industrial process control and automation.
- Temperature measurement.
- Pressure measurement.
- Biomedical and physiological monitoring.
- Automotive and transportation systems.



Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



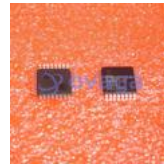
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64