

4-Channel Single ADC Delta-Sigma 4.8ksps 24-bit Serial 24-Pin TSSOP Tube

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-24
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD7190BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD7190BRUZ is a precision analog-to-digital converter (ADC) manufactured by Analog Devices Inc. It is a high-resolution, low-noise, and low-power ADC that operates on a single 5V supply. The device has a 24-bit sigma-delta modulator and an on-chip programmable gain amplifier (PGA) that can amplify the analog input signal up to 128x.

Features

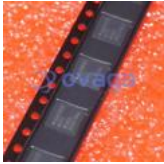
- 24-bit resolution
- Low noise performance: 2.4 uVrms
- Low power consumption: 6.5 mW at 4.8 SPS and 26 mW at 19.2 kSPS
- On-chip programmable gain amplifier (PGA)
- Flexible serial interface: SPI or I2C
- Internal reference voltage generator

Application

- Weighing scales
- Industrial process control
- Medical instrumentation
- Temperature and pressure sensors
- Data acquisition systems

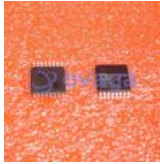


Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



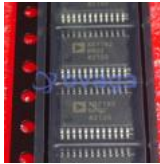
[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



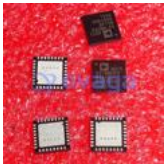
[AD7938BSUZ](#)

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