

Analog to Digital Converters - ADC CMOS 24B w/ Matched RTD Excitation Crnt A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-24
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7711AR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD7711AR is a precision analog-to-digital converter (ADC) manufactured by Analog Devices. It is a 16-bit Sigma-Delta ADC with differential inputs, designed for high-accuracy measurement of analog signals.

Features

- 16-bit resolution
- Differential input voltage range of $\pm V_{REF}$
- Single conversion per second (SPS) to 1kSPS throughput rate
- Low noise and high accuracy performance
- Internal programmable gain amplifier (PGA) up to 128x
- On-chip reference and temperature sensor
- Serial interface with SPI or MICROWIRE protocol
- Power supply range of 4.75V to 5.25V

Application

- Weighing scales
- Pressure and temperature sensors
- Medical instrumentation
- Data acquisition systems
- Industrial process control
- Strain gauge transducers



Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



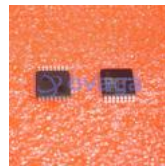
[AD7938BSUZ](#)

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