

16-Bit 8/10-Channel, Low Voltage, Low Power, Sigma Delta ADC; Package: SOIC - Wide; No of Pins: 28; Temperature Range: Industrial



Images are for reference only

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOIC-28
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	

Please submit RFQ for AD7708BRZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD7708/18 are complete analog front-ends for low frequency measurement applications. The AD7718 contains a 24-bit sigma delta ADC with PGA and can be configured as 4/5 fully-differential input channels or 8/10 pseudo-differential input channels. Two pins on the device are configurable as analog inputs or reference inputs. The AD7708 is a 16-bit version of the AD7718. Inputs signal ranges from 20mV to 2.56V can be directly converted using these ADCs. Signals can be converted directly from a transducer without the need for signal conditioning.

## Features

- 8-/10-Channel, High Resolution  $\Sigma$ - $\Delta$  ADCs
- 16-Bit Resolution
- Factory-Calibrated
- Single Conversion Cycle Setting
- Programmable Gain Front End
- Simultaneous 50 Hz and 60 Hz Rejection
- VREF Select™ Allows Absolute and Ratiometric Measurement Capability
- Operation Can Be Optimized for Analog Performance>

## Application

- Industrial Process Control
- Instrumentation
- Pressure Transducers
- Portable Instrumentation
- Smart Transmitters

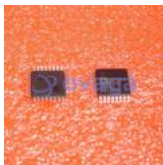


### Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc  
LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc  
TQPF-32



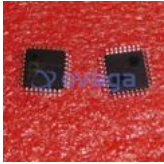
[AD574AJNZ](#)

Analog Devices, Inc  
PDIP-28



[AD7401YRWZ](#)

Analog Devices, Inc  
SOIC-16



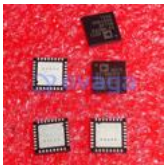
[AD7938BSUZ](#)

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[AD7124-8BCPZ-RL7](#)

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[AD9680BCPZ-500](#)

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