

8-Channel, 12-Bit ADC with I2C Compatible Interface in 20-Lead TSSOP; Package: TSSOP; No of Pins: 20; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-20
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD7998BRUZ-1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7998 provides a two-wire serial interface, which is compatible with I2C interfaces. Each part comes in two versions, AD7998-0 and AD7998-1. Each version allows for a minimum of two different I2C addresses. The I2C interface on the AD7998-0 supports Standard and Fast I2C Interface Modes. The I2C Interface on the AD7998-1 supports Standard, Fast and two High-Speed I2C Interface Modes.

Features

12-Bit ADC with Fast Conversion Time: 2 μ s

Eight Single-Ended Analog Input Channels

Specified for VDD of 2.7 V to 5.5 V

Low Power Consumption

Fast Throughput Rate: - 188 kSPS

Sequencer Operatio

Automatic Cycle Mode

I2C® Compatible Serial Interface

I2C® Interface supports: Standard, Fast, and High-Speed Modes

Out of Range Indicator

Pin-Selectable Addressing via AS

Automatic Shutdown Mode: - 1 μ A max

Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



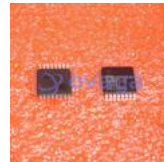
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
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[AD7266BSUZ](#)

Analog Devices, Inc
TQPF-32



[AD7401YRWZ](#)

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SOIC-16



[AD7192BRUZ-REEL](#)

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TSSOP-24



[AD9680BCPZ-500](#)

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LFCSP-64