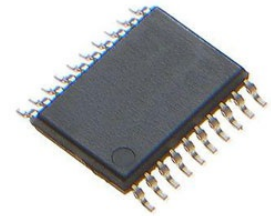8-Channel, 12-Bit ADC with I2C Compatible Interface in 20-Lead TSSOP; Package: TSSOP; No of Pins: 20; Temperature Range: Industrial

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-0 or Email to us: 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 μs

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 μA max

Related Products

ADAS3022BCPZ

Analog Devices, Inc

LFCSP-40

AD7266BSUZ

Analog Devices, Inc
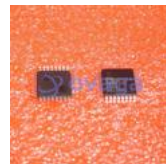
TQPF-32

AD574AJNZ

Analog Devices, Inc

PDIP-28

AD7401YRWZ

Analog Devices, Inc

SOIC-16

AD7938BSUZ

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