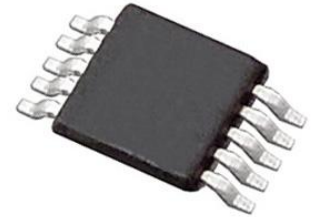


2-Channel, 12-Bit ADC with I2C Compatible Interface in 10-Lead MSOP; Package: MSOP; No of Pins: 10; Temperature Range: Industrial

| | |
|---------------|-------------------------------------|
| Manufacturers | Analog Devices, Inc |
| Package/Case | MSOP-10 |
| Product Type | Data Conversion ICs |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for AD7992BRMZ-0 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7992 is a 12-bit, high speed, low power, successive- approximation ADC. The part operates from a single 2.7 V to 5.5 V power supply and features a conversion time of 2 μ s. The part contains a two channel multiplexer and track/hold amplifier.

The AD7992 provides a two-wire serial interface which is compatible with I2C interfaces. The part comes in two versions, AD7992-0, and AD7992-1. Each version allows for a minimum of two different I2C addresses. The AD7992-0 supports Standard and Fast I2C interface Modes, while the AD7992-1 supports Standard, Fast, and two High-Speed I2C Interface Modes.

Features

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

Two 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 Operation

Automatic Cycle Mode

I2C® Compatible Serial Interface

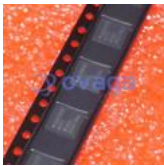
I2C® Interface supports: Standard, Fast, and High-Speed Modes

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



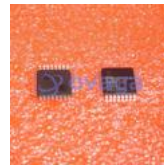
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



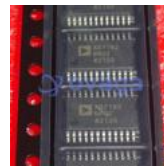
[AD7266BSUZ](#)

Analog Devices, Inc
TQPF-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64