

2.5 V to 5.5 V, 230 μ A, Dual Rail-to-Rail Voltage Output 10-Bit DAC; Package: MSOP; No of Pins: 10; Temperature Range: Commercial

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 AD5312ARMZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD5312ARMZ is a digital-to-analog converter (DAC) IC manufactured by Analog Devices. It is a 12-bit DAC with a 2.5V, 2ppm/°C internal reference and an SPI-compatible serial interface. Some of its key features include low power consumption, small package size, and a wide operating temperature range.

Features

Resolution: 12-bit

Number of channels: 1

Interface type: Serial SPI

Input voltage range: 0 to VREF

Output voltage range: 0 to VREF

Internal reference: 2.5V, 2ppm/°C

Power consumption: 120 μ A at 5V, 30 μ A at 3V

Package: MSOP-8

Application

AD5302ARMZ: 8-bit DAC with the same package and interface as the AD5312ARMZ

AD5310ARMZ: 10-bit DAC with the same package and interface as the AD5312ARMZ

AD5311BRMZ: 10-bit DAC with a different package and interface than the AD5312ARMZ

AD5622ARMZ: 12-bit DAC with a different package and interface than the AD5312ARMZ

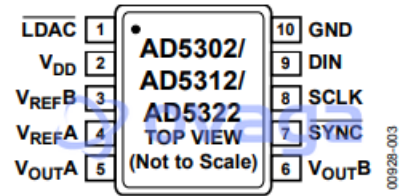


Figure 5. Pin Configuration

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](#)

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SOIC-16



[AD7192BRUZ-REEL](#)

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TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64