

2.5 V to 5.5 V, 500 μ A, 2-Wire Interface Quad Voltage Output 10-Bit DAC; 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 AD5315BRMZ-REEL7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Product Highlights

Available in a 10-lead MicroSOIC package

Low power, single supply operation from 2.5 V to 5.5 V supply

Consumes 1.5mW at 3 V and 3 mW at 5 V

Rail-to-Rail output with a slew rate of 0.7 V/ μ s

Multiple devices can share the same bus

Serial interface with clock rates up to 400 kHz

Pin- and Software-Compatible with the AD5305 (8-Bit) and the AD5325 (12-Bit)

I2C (Inter-IC) is a trademark of Philips Semiconductors.

Features

Four 10-Bit DACS in 10-Lead MicroSOIC

Low Power: 600 μ A @ 5 V, 500 μ A @ 3 V

Power-Down to 200 nA @ 5 V, 80nA @ 3 V

Guaranteed Monotonic by Design

Power-On-Reset to Zero Volts

Three Power-Down Functions

Double-Buffered Input Logic

Output Range: 0-VREF

2-Wire (I2C™ Compatible)

Data Readback Facility; Software Clear Facility

Simultaneous Update via LDAC bit (active low)

Temperature Range: -40°C to 105°C



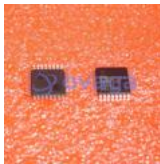


Related Products



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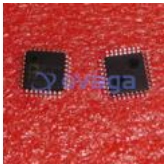
[AD574AJNZ](#)

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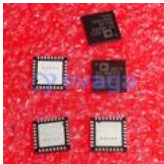
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