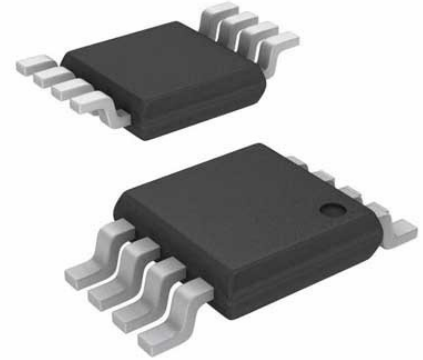


Digital to Analogue Converter, 16 bit, 125 kSPS, 3 Wire, Serial, 2.7V to 5.5V, SOP, 8 Pins

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD5662BRMZ-1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The part incorporates a power-on-reset circuit that depending on model ensures that the DAC output powers up to zero volts or midscale and remains there until a valid write takes place. Power consumption is typically 250 μ A and the part contains a power-down feature that reduces the current consumption of the device to 1 μ A at 5 V with software selectable output loads while in power-down mode.

The AD5662 utilizes a versatile three-wire serial interface that operates at clock rates up to 30 MHz and is compatible with standard SPI™, QSPI™, MICROWIRE™ and DSP interface standards. Its on-chip precision output amplifier allows rail-to-rail output swing to be achieved.

Product Highlights

16-Bit monotonic DAC; 12-Bit accuracy guaranteed.

Available in 8-lead SOT-23 and 8-lead MSOP package.

Power-on-reset to zero or midscale.

Low power. Operates with 2.7 V to 5.5 V supply. Typically consumes 0.35 mW at 3 V and 0.7 mW at 5 V, making it ideal for battery-powered applications.

Power-down capability. When powered down, the DAC typically consumes 50 nA at 3 V and 200 nA at 5 V

10 μ s settling time.

Features

16-Bit monotonic DAC; 12-Bit accuracy guaranteed

Available in 8-lead SOT-23 and 8-lead MSOP package

Power-on-reset to zero or midscale.

10 μ s settling time

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Application

Process control

Data acquisition systems

Portable battery-powered instruments

Digital gain and offset adjustment

Programmable voltage and current sources

Programmable attenuators

Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



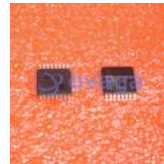
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD9680BCPZ-500](#)

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LFCSP-64