

Digital to Analogue Converter, Dual, 8 bit, 833 kSPS, Parallel, 2.7V to 5.5V, TSSOP, 20 Pins

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 AD7302BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7302 is a dual, 8-bit voltage out DAC that operates from a single +2.7 V to +5.5 V supply. Its on-chip precision output buffers allow the DAC outputs to swing rail to rail. The AD7302 has a parallel microprocessor and DSP-compatible interface with high speed registers and double buffered interface logic. Data is loaded to the registers on the rising edge of CS or WR and the A/B pin selects either DAC A or DAC B.

Reference selection for AD7302 can be either an internal reference derived from the VDD or an external reference applied at the REFIN pin. Both DACs can be simultaneously updated using the asynchronous LDAC input and can be cleared by using the asynchronous CLR input.

The low power consumption of this part makes it ideally suited to portable battery operated equipment. The power consumption is less than 10 mW at 3.3 V, reducing to 3 μ W in powerdown mode.

The AD7302 is available in a 20-pin plastic dual-in-line package, 20-lead SOIC and a 20-lead TSSOP package.

Features

Two 8-Bit DACs in One Package

20-Lead DIP/SOIC/TSSOP Package

Internal and External Reference Capability

DAC Power-Down Function

Parallel Interface

On-Chip Output Buffer Rail-to-Rail Operation

Low power Operation 3 mA max @ 3.3 V

Power-Down to 1 μ A max @ 25°C

Application

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



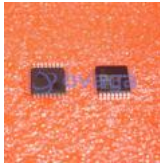
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD7266BSUZ](#)

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TQFP-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

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TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64