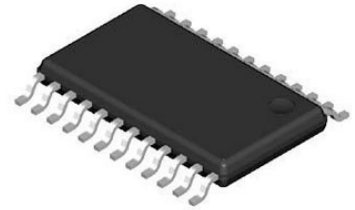


+2.5V to 5.5V, 230 μ A Dual Rail-to-Rail Voltage Output 10-Bit DAC with Parallel Interface in 24-lead TSSOP

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-24
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD5333BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD5332/AD5333/AD5342/AD5343 are dual 8-, 10-, and 12-bit DACs. They operate from a 2.5 V to 5.5 V supply consuming just 230 μ A at 3 V, and feature a power-down pin, PD that further reduces the current to 80 nA. These devices incorporate an on-chip output buffer that can drive the output to both supply rails, while the AD5333 and AD5342 allow a choice of buffered or unbuffered reference input.

Product Highlights

Available in a 24-lead TSSOP package

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

Consumes 0.69 mW at 3 V and 1.5 mW at 5 V

On-chip output buffer can drive output to both supply rails

Allows a choice of buffered/unbuffered reference input

Programmable output range 0-VREF or 0-2VREF (via GAIN pin)

Features

Dual 10-Bit DAC in 24-Lead TSSOP

Low Power: 300 μ A @ 5 V, 230 μ A @ 3 V

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

Guaranteed Monotonic by Design

Power-On-Reset to Zero Volts

Double-Buffered Input Logic

Simultaneous Update of DAC

Outputs via LDAC pin (active low)

Asynchronous Clear Facility

via CLR pin (active low)

Low Power Parallel Data Interface

Temperature Range: -40°C to 105°C

Application

Portable Battery-Powered Instruments

Digital Gain and Offset Adjustment

Programmable Voltage and Current Sources

Programmable Attenuators

Industrial Process Control

Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



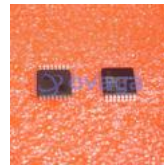
[AD7938BSUZ](#)

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