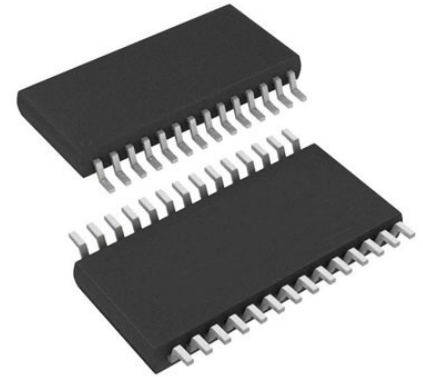


+2.5V to 5.5V, 500 $\mu$ A Quad Rail-to-Rail Voltage Output 10-Bit DAC with Byte-Load Parallel Interface in 28-lead TSSOP



Images are for reference only

|               |                                     |
|---------------|-------------------------------------|
| Manufacturers | <a href="#">Analog Devices, Inc</a> |
| Package/Case  | TSSOP-28                            |
| Product Type  | Data Conversion ICs                 |
| RoHS          | Rohs                                |
| Lifecycle     |                                     |

Please submit RFQ for AD5336BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD5334/AD5335/AD5336/AD5344 are quad 8-, 10-, and 12-bit DACs. They operate from a 2.5 V to 5.5 V supply consuming just 500  $\mu$ A at 3 V, and feature a power-down mode 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.

### Product Highlights

Available in a 28-lead TSSOP package

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

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

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

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

## Features

Dual 10-Bit DAC in 28-Lead TSSOP

Low Power: 600  $\mu$ A @ 5 V, 500  $\mu$ 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