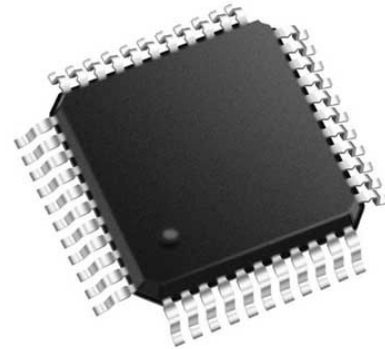


Digital to Analog Converters - DAC Quad 14-Bit CMOS

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	QFP-44
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7836ASZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD7836 contains four 14-bit DACs on one monolithic chip. It has output voltages with a full-scale range of  $\pm 10$  V from reference voltages of  $\pm 5$  V.

The AD7836 accepts 14-bit parallel loaded data from the external bus into one of the input latches under the control of the WR, CS and DAC channel address pins, A0–A2.

The DAC outputs are updated individually, on reception of new data. In addition, the SEL input can be used to apply the user programmed value in DAC Register E to all DACs, thus setting all DAC output voltages to the same level. The contents of the DAC data registers are not affected by the SEL input.

Each DAC output is buffered with a gain of two amplifier into which an external DAC offset voltage can be inserted via the DUTGNDx pins.

The AD7836 is available in a 44-pin PQFP package.

## Features

Four 14-Bit DACs in One Package

Voltage Outputs

Separate Offset Adjust for Each Output

Reference Range of  $\pm 5$  V

Maximum Output Voltage

Range of  $\pm 10$  V

Clear Function to User-Defined Code

44-Pin MQFP Package

## Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc  
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc  
PDIP-28



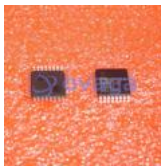
[AD7938BSUZ](#)

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