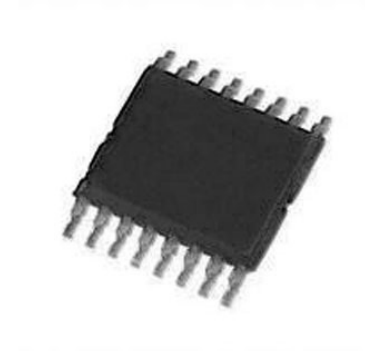


Digital to Analog Converters - DAC 4x 16b 4LSB buffered output L

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TSSOP-16
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD5066BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

Total unadjusted error for the part is <0.8 mV. Zero code error for the part is 0.05 mV typically.

The AD5066 contains a power-down feature that reduces the current consumption of the device to typically 400 nA at 5 V and provides software selectable output loads while in power-down mode.

The outputs of all DACs can be updated simultaneously using the hardware LDAC function, with the added functionality of user software selectable DAC channels to update simultaneously. There is also an asynchronous CLR that clears all DACs to a software-selectable code—0 V, midscale, or full scale.

### Product Highlights

Quad channel available in 16-lead TSSOP,  $\pm 1$  LSB INL.

Individual voltage reference pins

16 bit accurate, 1 LSB INL. = 0.1 mV max.

High speed serial interface with clock speeds up to 50 MHz.

Three power-down modes available to the user.

Reset to known output voltage (zero scale or midscale).

### Applications

Process control

Data acquisition systems

Portable battery powered instruments

Digital gain and offset adjustment

Programmable voltage and current sources

## Features

Low power quad 16-bit nanoDAC,  $\pm 1$  LSB INL

Low total unadjusted error of  $\pm 0.1$  mV typically

Low zero code error of 0.05 mV typically

Individually buffered reference pins

2.7 V to 5.5 V power supply

Specified over full code range of 0 to 65535

Power-on reset to zero scale or midscale

Per channel power-down with 3 power-down functions

Hardware LDAC with LDAC override function

CLR Function to programmable code

Small 16-lead TSSOP

## Application

Process control

Data acquisition systems

Portable battery-powered instruments

Digital gain and offset adjustment

Programmable voltage and current sources

## Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc  
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc  
PDIP-28



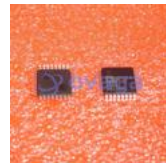
[AD7938BSUZ](#)

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