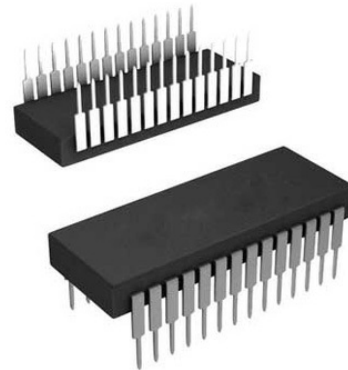


DAC 4-CH R-2R 12-bit 28-Pin CDIP Tube

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



Images are for reference only

Please submit RFQ for AD664BD-UNI or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD664 is four complete 12-bit, voltage-output digital-to-analog converters (DACs) on one monolithic IC chip. Each DAC has a double buffered input latch structure and a data readback function. All DAC read and write operations occur through a single microprocessor-compatible input/output (I/O) port.

The I/O port accommodates 4-bit, 8-bit, or 12-bit parallel words allowing simple interfacing with a wide variety of microprocessors. A reset to zero control pin is provided to allow a user to simultaneously reset all DAC outputs to zero, regardless of the contents of the input latch. Any one or all of the DACs may be placed in a transparent mode allowing immediate response by the outputs to the input data.

The analog portion of the AD664 consists of four DAC cells, four output amplifiers, a control amplifier, and switches. Each DAC cell is an inverting R-2R type. The output current from each DAC is switched to the on-board application resistors and output amplifier. The output range of each DAC cell is programmed through the digital input/output port and may be set to unipolar (UNI) or bipolar (BIP) range, with a gain of one or two times the reference voltage. All DACs are operated from a single external reference.

The functional completeness of the AD664 results from the combination of the Analog Devices, Inc., BiMOS II process, laser trimmed thin film resistors, and double level metal interconnects.

## Features

Four Complete Voltage Output DACs

Date Register Readback Feature

Multiplying Operation

Double-Buffered Latched

Surface-mount (LCC, PLCC, and JLCC) and PDIP and SBDIP packages

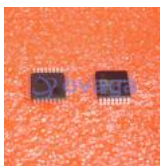
MIL-STD-883 Compliant Versions Available

## Related Products



### [ADAS3022BCPZ](#)

Analog Devices, Inc  
LFCSP-40



### [AD7266BSUZ](#)

Analog Devices, Inc  
TQFP-32



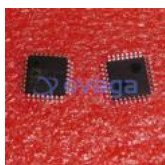
### [AD574AJNZ](#)

Analog Devices, Inc  
PDIP-28



### [AD7401YRWZ](#)

Analog Devices, Inc  
SOIC-16



### [AD7938BSUZ](#)

Analog Devices, Inc  
TQFP-32



### [AD7192BRUZ-REEL](#)

Analog Devices, Inc  
TSSOP-24



### [AD7124-8BCPZ-RL7](#)

Analog Devices, Inc  
LFCSP-32



### [AD9680BCPZ-500](#)

Analog Devices, Inc  
LFCSP-64