

DAC 1-CH Segment 10-bit 16-Pin CDIP Tube

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



Images are for reference only

Please submit RFQ for AD7533UQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The AD7533 is a low cost, 10-bit, 4-quadrant multiplying DAC manufactured using an advanced thin-film-on-monolithic-CMOS wafer fabrication process.

Pin and function equivalent to the AD7520 industry standard, the AD7533 is recommended as a lower cost alternative for old AD7520 sockets or new 10-bit DAC designs.

AD7533 application flexibility is demonstrated by its ability to interface to TTL or CMOS, operate on 5 V to 15 V power, and provide proper binary scaling for reference inputs of either positive or negative polarity.

## Features

- Low cost 10-bit DAC
- Low cost AD7520 replacement
- Linearity: ½ LSB, 1 LSB, or 2 LSB
- Low power dissipation
- Full 4-quadrant multiplying DAC
- CMOS/TTL direct interface
- Latch free (protection Schottky not required)
- Endpoint linearity

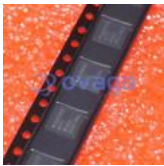
## Application

- Digitally controlled attenuators
- Programmable gain amplifiers
- Function generation
- Linear automatic gain controls





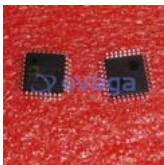
### Related Products



[ADAS3022BCPZ](#)  
Analog Devices, Inc  
LFCSP-40



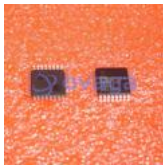
[AD574AJNZ](#)  
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PDIP-28



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TQFP-32



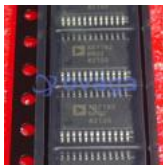
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