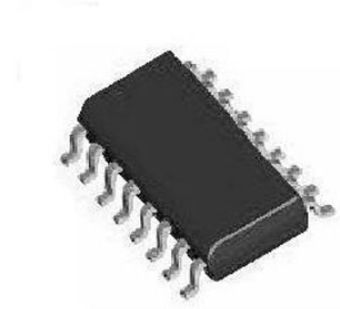


CMOS Low Cost, 10-Bit Multiplying DAC; Package: SOIC - Wide; No of Pins: 16;
Temperature Range: Commercial



Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for AD7533KRZ 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.

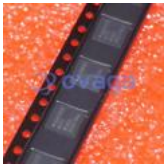
Features

- 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

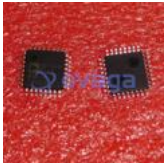
Related Products



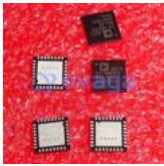
[ADAS3022BCPZ](#)
Analog Devices, Inc
LFCSP-40



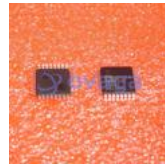
[AD574AJNZ](#)
Analog Devices, Inc
PDIP-28



[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