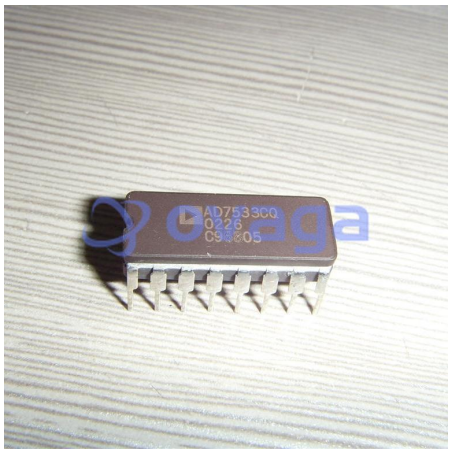
AD7533CQ

Data Sheet

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

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



Images are for reference only

Please submit RFQ for AD7533CQ or Email to us: 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

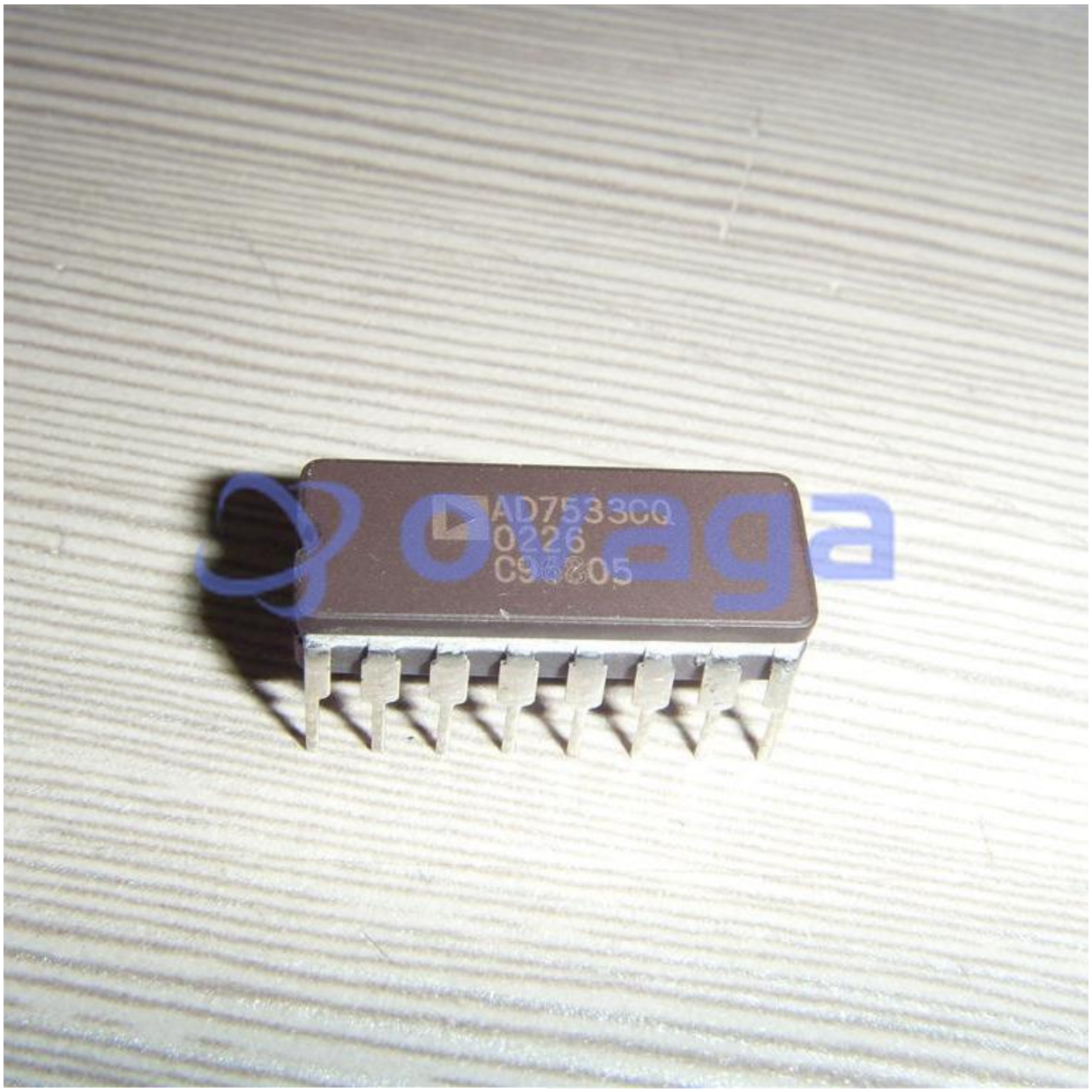
Application

Digitally controlled attenuators

Programmable gain amplifiers

Function generation

Linear automatic gain controls



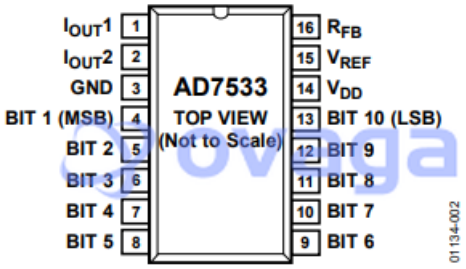
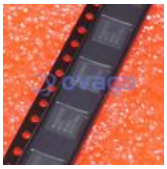


Figure 2. 16-Lead PDIP Pin Configuration

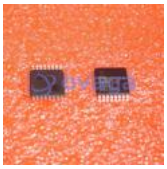
Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc

LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc

TQPF-32

[AD574AJNZ]

Analog Devices, Inc

PDIP-28

[AD7401YRWZ]

Analog Devices, Inc

SOIC-16

[AD7938BSUZ]

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TQFP-32

[AD7192BRUZ-REEL]

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TSSOP-24

[AD7124-8BCPZ-RL7]

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LFCSP-32

[AD9680BCPZ-500]

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LFCSP-64