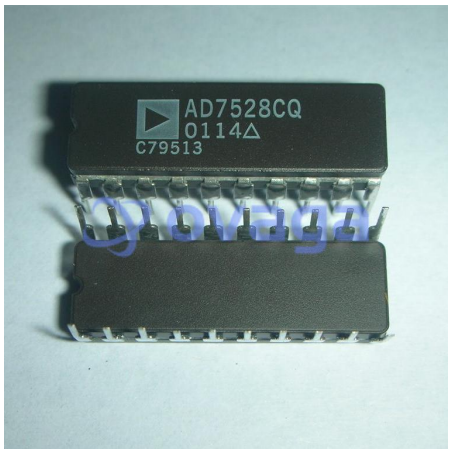
AD7528CQ

Data Sheet

CMOS Dual 8-Bit Buffered Multiplying DAC

Manufacturers	Analog Devices, Inc
Package/Case	CDIP-20
Product Type	Data Conversion ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7528CQ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The AD7528 is a monolithic dual 8-bit digital/analog converter featuring excellent DAC-to-DAC matching.It is available in skinny 0.3" wide 20-pin DIP's and in 20-terminal surface mount packages.

Separate on-chip latches are provided for each DAC to allow easy microprocessor interface.

Data is transferred into either of the two DAC data latches via a common 8-bit TTL/CMOS compatible input port.Control input DAC A/DAC B determines which DAC is to be loaded.The AD7528's load cycle is similar to the write cycle of a random access memory and the device is bus compatible with most 8-bit microprocessors, including 6800, 8080, 8085, Z80.

The device operates from a +5V to +15V power supply, dissipating only 20mW of power.

Both DAC's offer excellent four quadrant multiplication characteristics with a seperate reference input and feedback resistor for each DAC.

Features

On-Chip Latches for Both DACs

DACs Matched to 1%

Four Quadrant Multiplication

TTL/CMOS Compatible

Latch Free (Protection Schottkys not Required)

Application

Digital Control of:

Gain/Attenuation

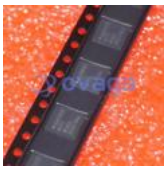
Filter Parameters

Stereo Audio Circuits

X-Y Graphics


AD7528CQ
0114△
C79513

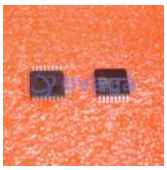
Related Products



[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]

Analog Devices, Inc

TQFP-32

[AD7192BRUZ-REEL]

Analog Devices, Inc

TSSOP-24

[AD7124-8BCPZ-RL7]

Analog Devices, Inc

LFCSP-32

[AD9680BCPZ-500]

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LFCSP-64