

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 AD7528BQ or [Email to us: sales@ovaga.com](mailto: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 separate 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

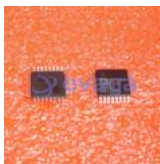
- Digital Control of:
- Gain/Attenuation
- Filter Parameters
- Stereo Audio Circuits
- X-Y Graphics



Related Products



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



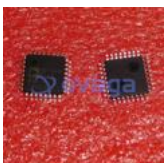
[AD7266BSUZ](#)
Analog Devices, Inc
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[AD574AJNZ](#)
Analog Devices, Inc
PDIP-28



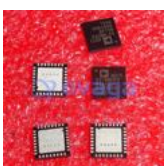
[AD7401YRWZ](#)
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[AD7124-8BCPZ-RL7](#)
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LFCSP-32



[AD9680BCPZ-500](#)
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LFCSP-64