

Digital to Analog Converters - DAC 10-Bit 100 MSPS

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-28
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD9750ARUZRL7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD9750 is a 10-bit resolution second generation member of the TxDAC series of high performance, low power CMOS digital-to-analog converters (DACs). The TxDAC family, which consists of pin compatible 8-, 10-, 12-, and 14-bit DACs, is specifically optimized for the transmit signal path of communications systems. All of the devices share the same interface options, small outline package and pinout, thus providing an upward or downward component selection path based on performance, resolution and cost. The AD9750 offers exceptional ac and dc performance while supporting update rates up to 125 MSPS.

Features

High Performance Member of Pin-Compatible TxDAC Product Family

125 MSPS Update Rate

10-Bit Resolution

Excellent Spurious Free Dynamic Range Performance

SDFR to Nyquist @ 5 MHz Output: 76 dBc

Differential Current Outputs: 2 mA to 20 mA

Power Dissipation: 190 mW @ 5 V

Power-Down Mode: 20 mW @ 5 V

On-Chip 1.20 V Reference

CMOS-Compatible +2.7 V to + 5.5 V Digital Interface

Packages: 28-Lead SOIC and TSSOP

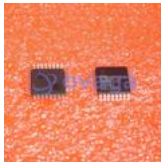
Edge-Triggered Latches



Related Products



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



[AD7266BSUZ](#)
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TQPF-32



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LFCSP-64