

Digital to Analogue Converter, 8 bit, 833 kSPS, Parallel, 2.7V to 5.5V, SOIC, 20 Pins

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



Images are for reference only

Please submit RFQ for AD7801BRZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7801 is a single, 8-bit, voltage out DAC that operates from a single +2.7 V to +5.5 V supply. Its on-chip precision output buffer allows the DAC output to swing rail to rail. The AD7801 has a parallel microprocessor and DSP compatible interface with high speed registers and double buffered interface logic.

Data is loaded to the input register on the rising edge of CS or WR.

Reference selection for the AD7801 can be either an internal reference derived from the VDD or an external reference applied at the REFIN pin. The output of the DAC can be cleared by using the asynchronous CLR input.

The low power consumption of this part makes it ideally suited to portable battery operated equipment. The power consumption is less than 5 mW at 3.3 V, reducing to less than 3 μ W in power-down mode.

The AD7801 is available in a 20-lead SOIC and a 20-lead TSSOP package.

Features

Single 8-Bit DAC

20-PIN SOIC/TSSOP Package

Internal and External Reference Capability

DAC Power-Down Function

Parallel Interface

On-Chip Output Buffer Rail-to-Rail Operation

Low Power Operation

1.75 mA max @ 3.3 V

Power-Down to 1 μ A max @ 25°C

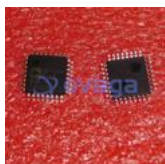
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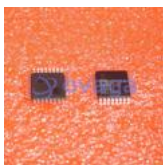
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