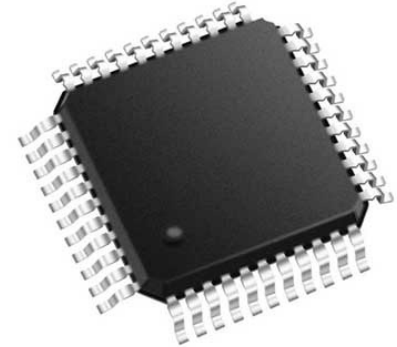


Octal 14-Bit, Parallel Input, Voltage-Output DAC; Package: MQFP (13.90mm wide); No of Pins: 44; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	QFP-44
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD7841ASZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7841 contains eight 14-bit, buffered voltage-output DACs on one monolithic chip. It has output voltages with a full-scale range of ± 10 V from reference voltages of ± 5 V. There are 3 separate differential references with buffered inputs; one for DACs A and B, one for DACs G and H and one for DACs C, D, E and F. The AD7841 accepts 14-bit parallel loaded data from the external bus into one of the input latches under the control of the WR, CS and DAC address pins, A0-A2. The DAC outputs are updated on reception of new data into the DAC registers. Each DAC output is buffered with a gain-of-two amplifier into which an external DAC offset voltage can be inserted via the DUTGND pins. The AD7841 is available in a 44-pin PQFP package.

Features

Eight 14-Bit DACs in One Package

Voltage Outputs

Offset Adjust for Each DAC Pair

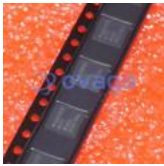
Reference Range of ± 5 V

Maximum Output Voltage Range of ± 10 V

Clear Function to User-Defined Voltage

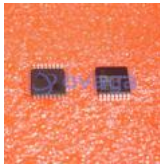
44-Lead MQFP Package

Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



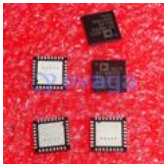
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64