AD7302BRUZ-REEL7

DAC 2-CH 8-bit 20-Pin TSSOP T/R

Manufacturer:	Analog Devices, Inc
Package/Case:	TSSOP20
Product Type:	Data Conversion ICs
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

The AD7302 is a dual, 8-bit voltage out DAC that operates from a single +2.7 V to +5.5 V supply. Its on-chip precision output buffers allow the DAC outputs to swing rail to rail. The AD7302 has a parallel microprocessor and DSP-compatible interface with high speed registers and double buffered interface logic. Data is loaded to the registers on the rising edge of CS or WR and the A/B pin selects either DAC A or DAC B.

Reference selection for AD7302 can be either an internal reference derived from the VDD or an external reference applied at the REFIN pin. Both DACs can be simultaneously updated using the asynchronous LDAC input and 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 10 mW at 3.3 V, reducing to 3 µW in powerdown mode.

The AD7302 is available in a 20-pin plastic dual-in-line package, 20-lead SOIC and a 20-lead TSSOP package.

Key Features

Two 8-Bit DACs in One Package

20-Lead DIP/SOIC/TSSOP Package

Internal and External Reference Capability

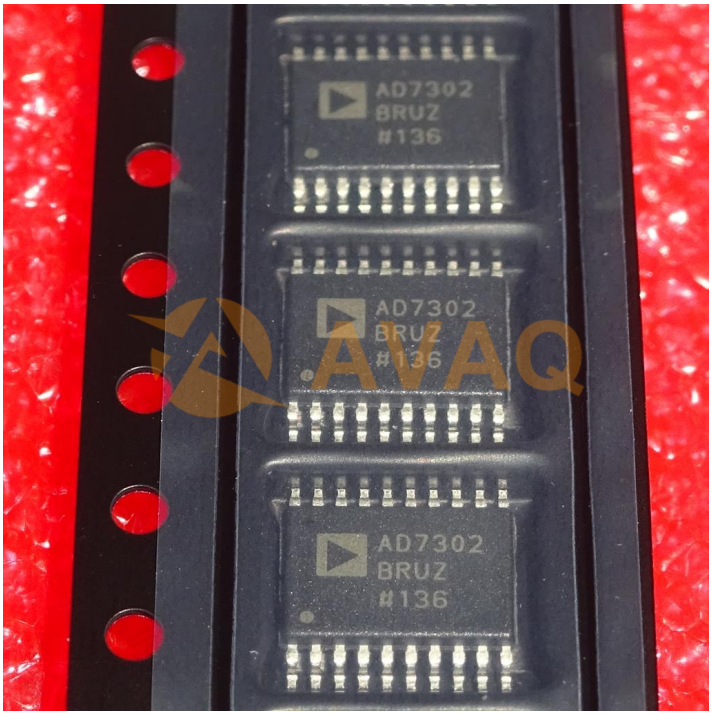
DAC Power-Down Function

Parallel Interface

On-Chip Output Buffer Rail-to-Rail Operation

Low power Operation 3 mA max @ 3.3 V

Power-Down to 1 µA max @ 25°C



Recommended For You

AD7305BRZ

Analog Devices, Inc

SOP20

AD9910BSVZ

Analog Devices, Inc

TQFP100

AD9831ASTZ

Analog Devices, Inc

QFP

AD5447YRUZ

Analog Devices, Inc

TSSOP

AD5302BRMZ

Analog Devices, Inc

MSOP10

AD5531BRUZ

Analog Devices, Inc

TSSOP16

AD537JH

Analog Devices, Inc

CAN10

AD652AQ

Analog Devices, Inc

DIP

AD654JN

Analog Devices, Inc

DIP8

AD7740YRMZ

Analog Devices, Inc

MSOP8

AD9914BCPZ

Analog Devices, Inc

LFCSP

AD73311ARSZ

Analog Devices, Inc

SSOP20

AD7291BCPZ

Analog Devices, Inc

LFCSP20

AD9954YSVZ

Analog Devices, Inc

QFP

AD2S1205YSTZ

Analog Devices, Inc

LQFP44