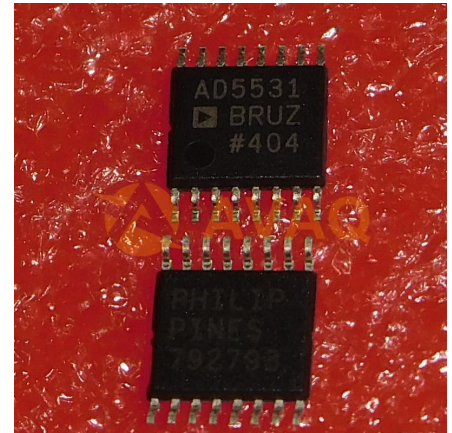


DAC 1-CH R-2R 14-bit 16-Pin TSSOP Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	TSSOP16
Product Type:	Data Conversion ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The AD5530/AD5531 are single 12- and 14-bit (respectively) serial input, voltage output digital-to-analog converters (DAC).

They utilize a versatile 3-wire interface that is compatible with SPI®, QSPI™, MICROWIRE™, and DSP interface standards. Data is presented to the part in a 16-bit serial word format. Serial data is available on the SDO pin for daisy-chaining purposes. Data readback allows the user to read the contents of the DAC register via the SDO pin.

The DAC output is buffered by a gain of two amplifier and referenced to the potential at DUTGND. LDAC can be used to update the output of the DAC asynchronously. A power-down pin (PD) allows the DAC to be put into a low power state, and a CLR pin allows the output to be cleared to a user-defined voltage, the potential at DUTGND.

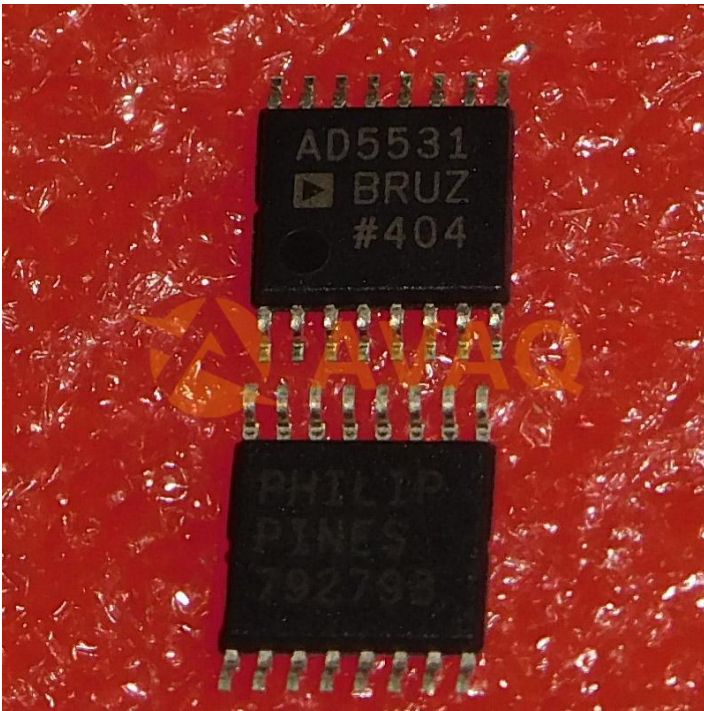
The AD5530/AD5531 are available in 16-lead TSSOP.

Key Features

- Serial input, voltage output
- Data read-back
- 3-wire serial interface
- Clear function to user-defined voltage
- Power-down function
- Serial data output for daisy-chaining

Application

- Industrial automation
- Automatic test equipment
- Process control
- General-purpose instrumentation



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

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

AD9835BRUZ

Analog Devices, Inc
TSSOP16