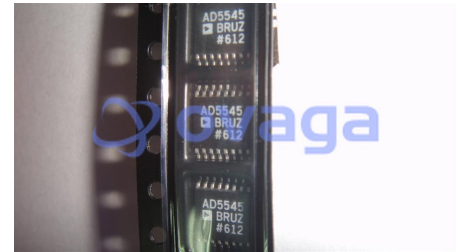


Digital to Analog Converters - DAC Dual 16-Bit I-Out IC

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD5545BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

An external reference is needed to establish the full-scale output-current. An internal feedback resistor (RFB) enhances the resistance and temperature tracking when combined with an external op amp to complete the I-to-V conversion.

A serial data interface offers high speed, 3-wire microcontroller compatible inputs using serial data in (SDI), clock (CLK), and chip select (CS). Additional LDAC function allows simultaneous update operation. The internal reset logic allows power-on preset and dynamic reset at either zero or midscale, depending on the state of the MSB pin.

The AD5545/AD5555 are packaged in the compact TSSOP-16 package and can be operated from -40°C to $+85^{\circ}\text{C}$.

Applications

Automatic test equipment

Instrumentation

Digitally controlled calibration

Industrial control PLCs

Programmable attenuator

Features

16-bit resolution

2 mA full-scale current $\pm 20\%$, with $>$

0.5 μ s settling time

2Q multiplying reference-input 6.9 MHz BW

Zero or midscale power-up preset

Zero or midscale dynamic reset

3-wire interface

Compact TSSOP-16 package

Available As Known Good Die and fully guaranteed to data sheet specifications

Application

Automatic test equipment

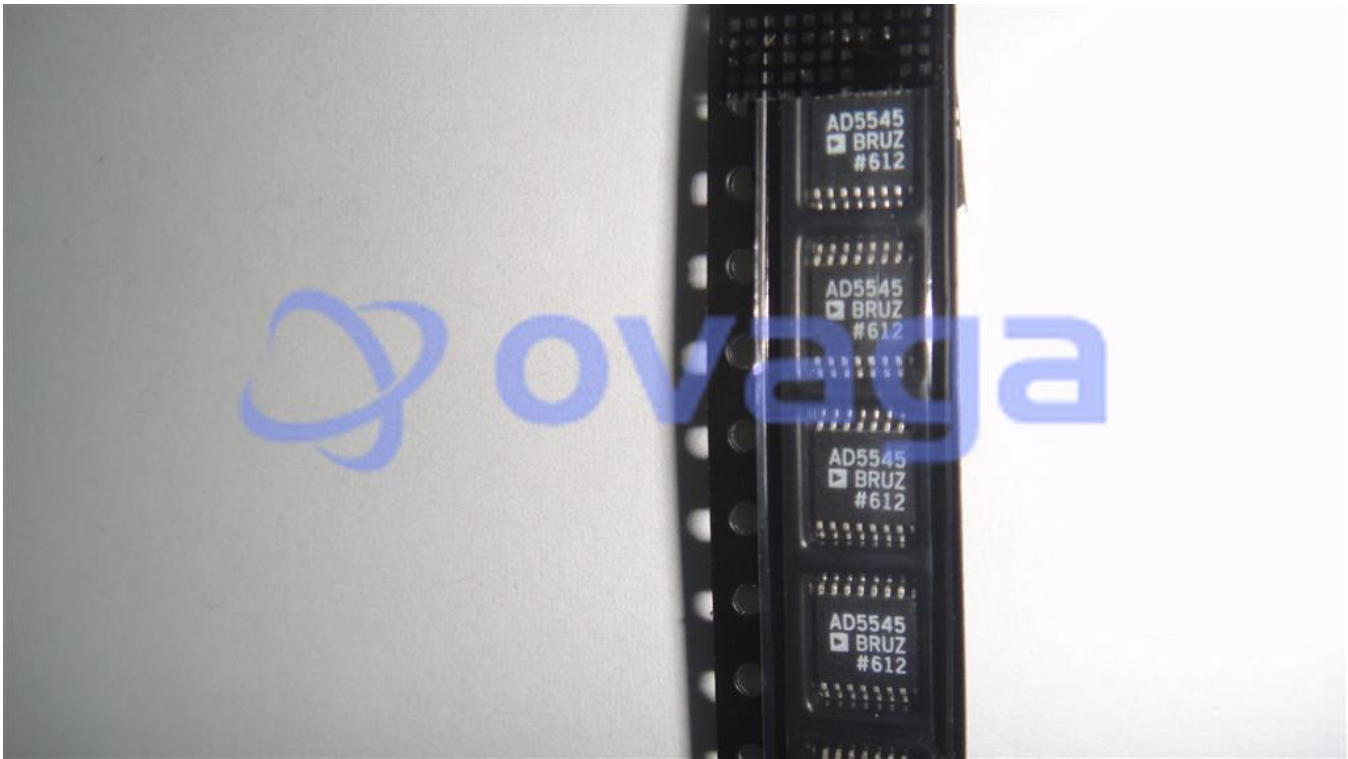
Instrumentation

Digitally controlled calibration

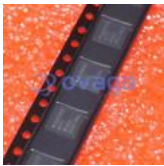
Industrial control PLCs

Programmable attenuator





Related Products



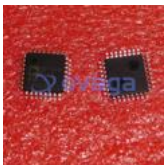
[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



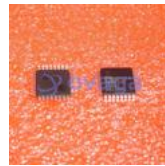
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64