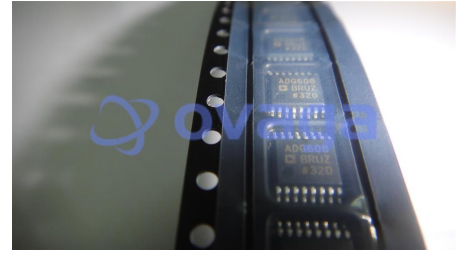


8:1 Analog Multiplexer IC, Single, 30 ohm, 2.97V to 3.63V, TSSOP-16



Images are for reference only

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TSSOP-16
Product Type	Analog Switches Multiplexers ; Single Supply 2V to 16V
RoHS	Rohs
Lifecycle	

Please submit RFQ for ADG608BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ADG608 is designed on an enhanced LC2 MOS process, which provides low power dissipation yet gives high switching speed and low on resistance. Each channel conducts equally well in both directions when ON and has an input signal range which extends to the supplies. In the OFF condition, signal levels up to the supplies are blocked. All channels exhibit break before make switching action preventing momentary shorting when switching channels. Inherent in the design is low charge injection for minimum transients when switching the digital inputs.

## Features

VSS to VDD Analog Signal Range

Low On-Resistance (30 Ω max)

Fast Switching Times  $t_{on}$  75 ns max  $t_{off}$  45 ns max

Low Power Dissipation (1.5μW max)

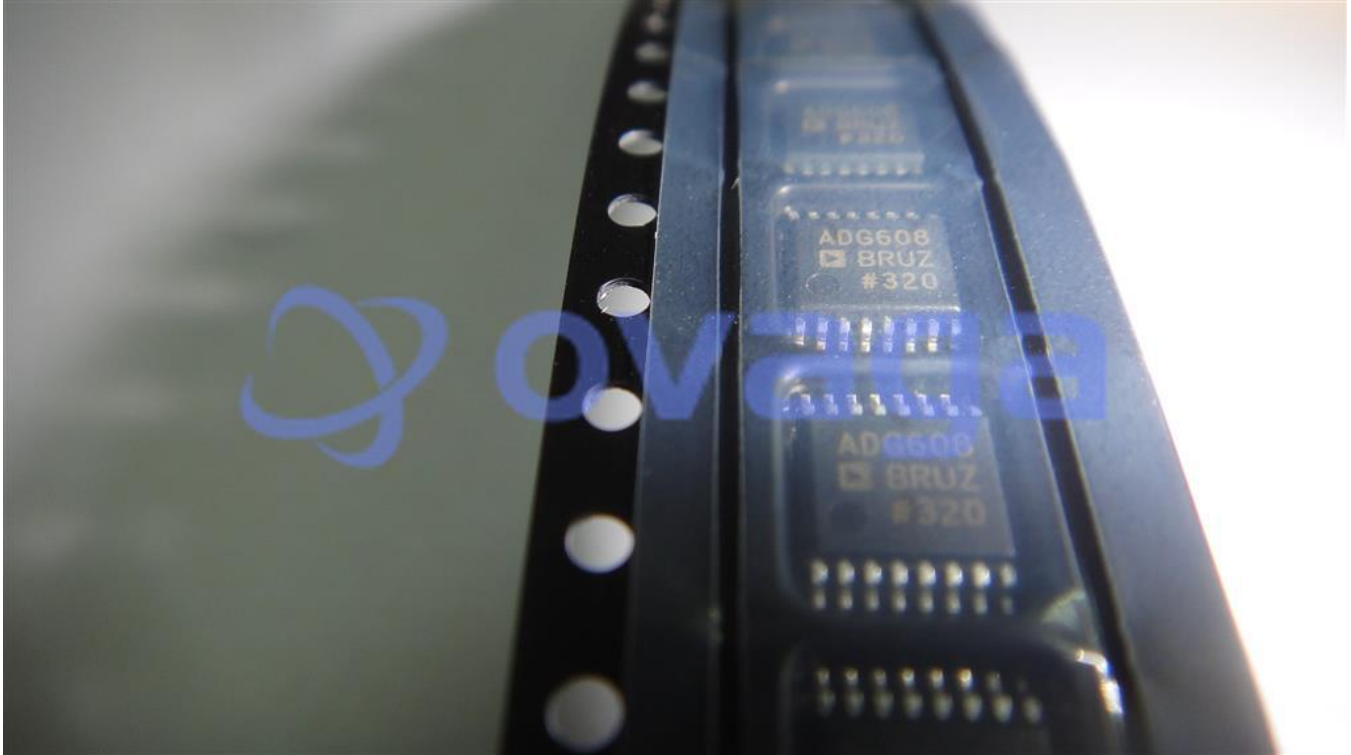
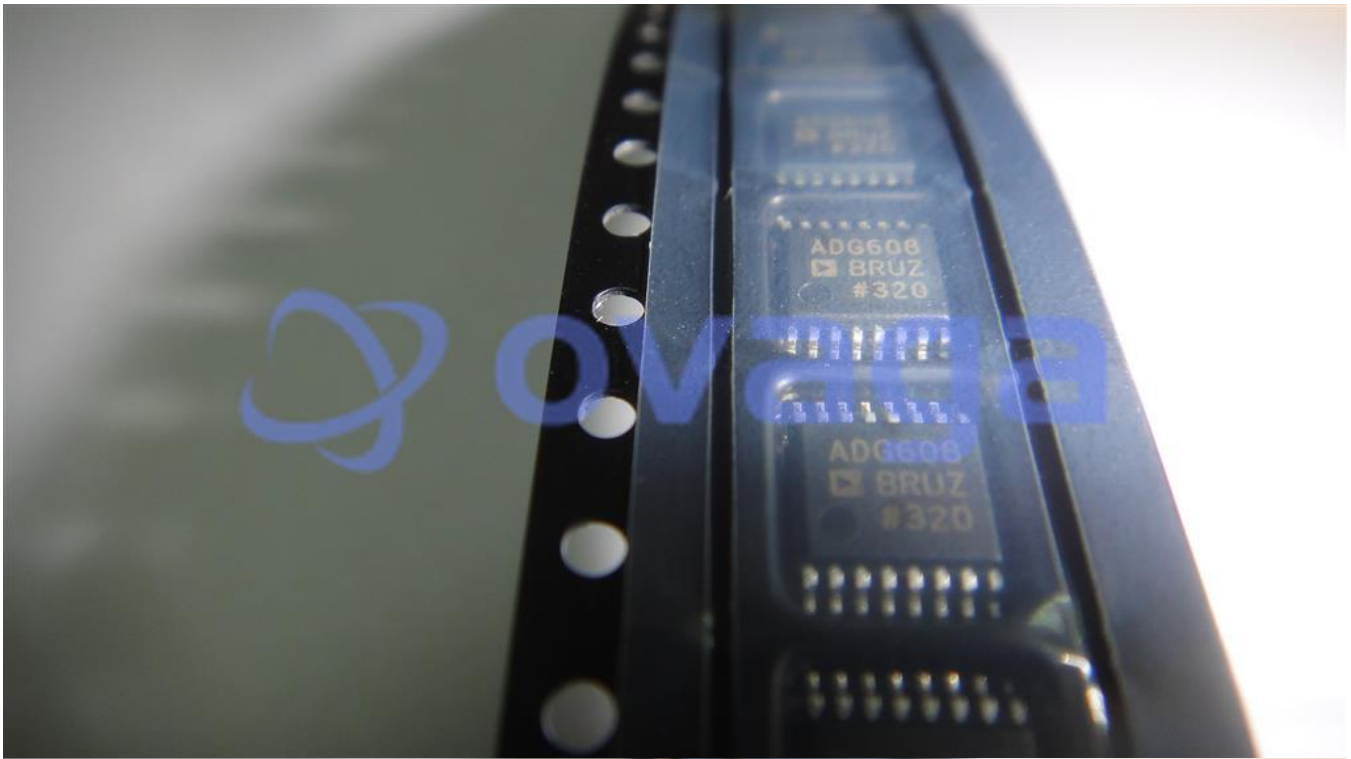
Break-Before-Make Switching Action

ESD > 5000V as per Military

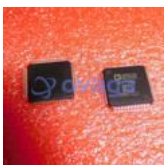
Standard 3015.7

TTL/CMOS Compatible

16-Lead DIP/SOIC/TSSOP Packages



### Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc  
LQFP-64



[AD8170AR](#)

Analog Devices, Inc  
SOP8



[AD724JR](#)

Analog Devices, Inc  
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc  
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc  
LFSCP-3



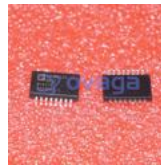
[ADV7390BCPZ](#)

Analog Devices, Inc  
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc  
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc  
SOIC-16