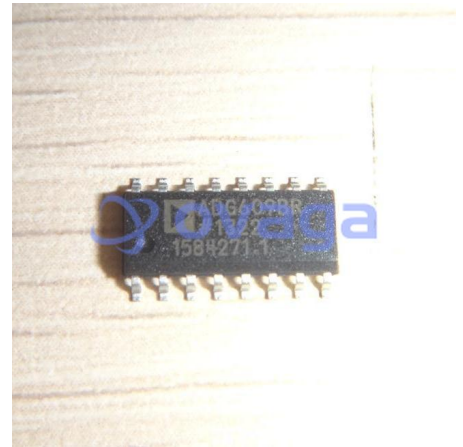


4:1 Analog Multiplexer IC, Dual, 22 ohm, 2.97V to 3.63V, SOIC-16

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Interface - Switches, Multiplexers, Demultiplexers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG609BRZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG609 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 Time t_{on} 75 ns t_{off} 45 ns max

Low Power Dissipation (1.5 μ W 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



[AD724JR](#)
Analog Devices, Inc
SOIC-16



[ADV7391WBCPZ](#)
Analog Devices, Inc
LFSCP-3



[ADV7341BSTZ](#)
Analog Devices, Inc
LQFP-64



[AD8170AR](#)
Analog Devices, Inc
SOP8



[ADV7393BCPZ](#)
Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)
Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)
Analog Devices, Inc
SOIC-16