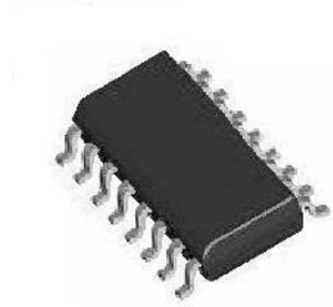


LC2MOS, ± 15 V, 8 Channel High Performance Analog Multiplexer

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Multiplexer Switch ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADG408BRZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG408 is a monolithic CMOS analog multiplexer comprising 8 single channels. The ADG408 switches one of eight inputs to a common output as determined by the 3-bit binary address lines A0, A1 and A2. An EN input is used to enable or disable the device. When disabled, all channels are switched OFF.

The ADG408 is designed on an enhanced LC2MOS 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

44 V Supply Maximum Ratings

VSS to VDD Analog Signal Range

Low On Resistance (100 Ω max)

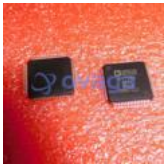
Low Power (ISUPPLY < 75 μ A)

Fast Switching

Break-Before-Make Switching Action

Plug-in Replacement for DG408/DG409

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



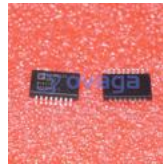
[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16