Analog Multiplexer Single 8:1 16-Pin TSSOP T/R

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Analog Switches Multiplexers ; Dual Supply 2V to 8V
RoHS	Rohs
Lifecycle	
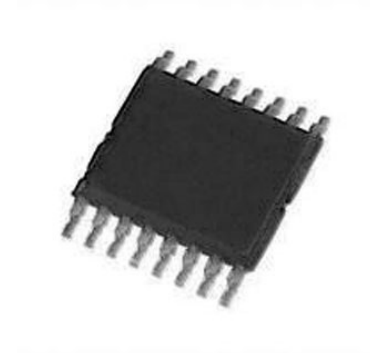
Images are for reference only

Please submit RFQ for ADG708BRUZ-REEL7 or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The ADG708 is a low voltage, CMOS analog multiplexers comprising eight single channels. The ADG708 switches one of eight inputs (S1-S8) to a common output, D, as determined by the 3-bit binary addresslines A0, A1, and A2. An EN input is used to enable or disable the device. When disabled, all channels are switched OFF.

Low power consumption and operating supply range of 1.8 V to 5.5 V make the ADG708 ideal for battery-powered, portable instruments. All channels exhibit break-before-make switching action preventing momentary shorting when switching channels.

The ADG708 is available in a 16-lead TSSOP package. The ADG709 is a 4 Channel Differential Multiplexer.

Features

1.8 V to 5.5 V Single Supply

3 Ω ON Resistance

0.75 Ω ON Resistance Flatness

100 pA Leakage Currents

14 ns Switching Times

Single 8-to-1 Multiplexer ADG708

Differential 4-to-1 Multiplexer ADG709

16-Lead TSSOP Package

Low Power Consumption

TTL-/CMOS-Compatible Inputs

Application

Data acquisition systems

Communication systems

Relay replacement Audio and video switching

Battery-powered systems

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