

Analog Multiplexer, 8:1, 1 Circuit, 4.5 ohm, 1 μ A, 1.8V to 5.5V, TSSOP-16

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



Images are for reference only

Please submit RFQ for ADG708CRUZ or [Email to us: sales@ovaga.com](mailto: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

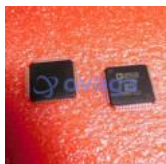
Data acquisition systems

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



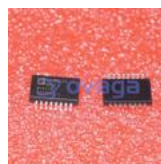
[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16