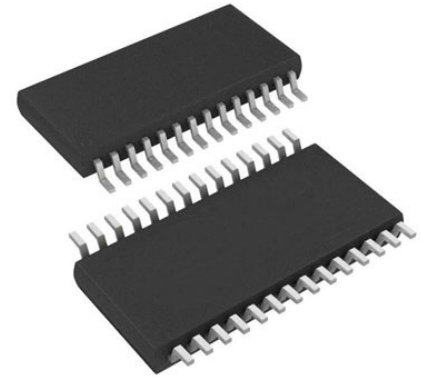


Analog Multiplexer, 8:1, 1 Circuit, 25 ohm, 5V to 16.5V, $\pm 4.5V$ to $\pm 16.5V$, TSSOP-28

Manufacturers	Analog Devices, Inc
Package/Case	28-TSSOP (0.173, 4.40mm Width)
Product Type	Multiplexer Switch ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG1407BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG1406 and ADG1407 are monolithic iCMOS® analog multiplexers comprising 16 single channels and eight differential channels, respectively. The ADG1406 switches one of 16 inputs to a common output, as determined by the 4-bit binary address lines (A0, A1, A2, and A3). The ADG1407 switches one of eight differential inputs to a common differential output, as determined by the 3-bit binary address lines (A0, A1, and A2). An EN input on both devices enables or disables the device. When disabled, all channels switch off. When on, each channel conducts equally well in both directions and has an input signal range that extends to the supplies.

APPLICATIONS Medical equipment Audio and video routing Automatic test equipment Data acquisition systems Battery-powered systems Sample-and-hold systems Communication systems

Features

9.5 Ω on resistance @ 25°C Up to 300 mA of continuous current Fully specified at ± 15 V/+12 V/ ± 5 V 3 V logic-compatible inputs Rail-to-rail operation Break-before-make switching action 28-lead TSSOP and 32-lead, 5 mm \times 5 mm LFCSP_VQ

Application

Medical equipment

Audio and video routing

Automatic test equipment

Data acquisition systems

Battery-powered systems

Sample-and-hold systems

Communication systems

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