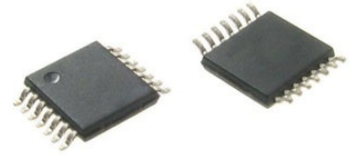


4:1 Analog Multiplexer IC, Single, 85 ohm,  $\pm 2.7V$  to  $\pm 5.5V$ , TSSOP-14

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TSSOP14
Product Type	Interface - Switches, Multiplexers, Demultiplexers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG604YRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ADG604 is a CMOS analog multiplexer, comprising four single channels. It operates from a dual supply of  $\pm 2.7 V$  to  $\pm 5.5 V$ , or from a single supply of  $2.7 V$  to  $5.5 V$ .

The ADG604 switches one of four inputs to a common output, D, as determined by the 3-bit binary address lines, A0, A1, and EN. A Logic “0” on the EN pin disables the device.

The ADG604 offers ultralow charge injection of  $\pm 1.5 pC$  over the entire signal range and leakage currents of  $10 pA$  typical at  $25^{\circ}C$ . It offers on resistance of  $85 \Omega$  typ, which is matched to within  $2 \Omega$  between channels. The ADG604 also has low power dissipation yet gives high switching speeds. The ADG604 is available in a 14-lead TSSOP package.

### Product Highlights

Ultralow Charge Injection (Q INJ:  $\pm 1.5 pC$  Typ over the Full Signal Range)

Leakage Current  $< 0.5 nA$  max @  $85^{\circ}C$

Dual  $\pm 2.7 V$  to  $\pm 5.5 V$  or Single  $2.7 V$  to  $5.5 V$  Supply

Fully Specified to  $125^{\circ}C$

Small 14-Lead TSSOP Package

## Features

1 pC Charge Injection (Over the Full Signal Range)

2.7 V to 5.5 V Single Supply

Temperature Range:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

100 pA Max @  $25^{\circ}\text{C}$  Leakage Currents

85  $\Omega$  Typ On Resistance

Rail-to-Rail Operation

Fast Switching Times

Typical Power Consumption ( $<0.1 \mu\text{W}$ )

TTL/CMOS Compatible Inputs

14-Lead TSSOP Package

## Application

Automatic Test Equipment

Data Acquisition Systems

Battery-Powered Instruments

Communication Systems

Sample and Hold Systems

Remote-Powered Equipment

Audio and Video Signal Routing

Relay Replacement

Avionics

## Related Products



[ADV7181CBSTZ](#)  
Analog Devices, Inc  
LQFP-64



[ADV724JR](#)  
Analog Devices, Inc  
SOIC-16



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



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



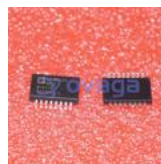
[AD8170AR](#)  
Analog Devices, Inc  
SOP8



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



[ADV7390BCPZ](#)  
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QFN32



[ADUM4160BRIZ](#)  
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SOIC-16