

Analog Switch, Dual Channel, 4 Channels, DPST, 4.5 ohm, 2.7V to 5.5V, TSSOP, 16 Pins

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Analog Switches Multiplexers ; Single Supply 2V to 16V
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG729BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG728 and ADG729 utilize a 2-wire serial interface that is compatible with the I2C™ interface standard. Both have two external address pins (A0 and A1). This allows the 2 LSBs of the 7-bit slave address to be set by the user. Four of each of the devices can be connected to the one bus. The ADG728 also has a RESET pin that should be tied high if not in use.

Each channel is controlled by one bit of an 8-bit word. This means that these devices may be used in a number of different configurations; all, any, or none of the channels may be on at any one time.

On power-up of the device, all switches will be in the OFF condition and the internal shift register will contain all zeros.

All channels exhibit break-before-make switching action preventing momentary shorting when switching channels.

The ADG728 and ADG729 are available in 16-lead TSSOP packages.

Product Highlights

2-Wire Serial Interface.

Single Supply Operation. The ADG728 and ADG729 are fully specified and guaranteed with 3 V and 5 V supply rails.

Low On Resistance 2.5 Ω typical.

Any configuration of switches may be on at any one time.

Guaranteed Break-Before-Make Switching Action.

Small 16-Lead TSSOP Package.

Features

2-Wire Serial Interface

2.7 V to 5.5 V Single Supply

2.5 Ω On Resistance

0.75 Ω On-Resistance Flatness

100 pA Leakage Currents

Dual 4-to-1 Matrix Switch

Power-On Reset

Small 16-Lead TSSOP Package

Qualified for Automotive Applications

Application

Data Acquisition Systems

Communications Systems

Relay Placement

Audio and Video Switching

Automatic Test Equipment

Related Products



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



[AD724JR](#)
Analog Devices, Inc
SOIC-16



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



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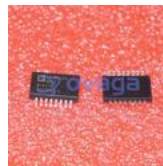
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