

CMOS  $\pm 5$  V/+5 V, 4 O Dual SPST Switch; Package: MSOP; No of Pins: 10; Temperature Range: Industrial

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	MSOP-10
Product Type	Interface - Switches, Multiplexers, Demultiplexers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG621BRMZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ADG621/ADG622/ADG623 are monolithic, CMOS, single-pole, single-throw (SPST) switches. Each switch of the ADG621/ADG622/ADG623 conducts equally well in both directions when on.

The ADG621/ADG622/ADG623 contain two independent switches. The ADG621 and ADG622 differ only in that both switches are normally open and normally closed. In the ADG623, Switch 1 is normally open, and Switch 2 is normally closed. The ADG623 exhibits break-before-make switching action.

The ADG621/ADG622/ADG623 offer low on resistance of 4  $\Omega$ , which is matched to within 0.25  $\Omega$  between channels. These switches also provide low power dissipation yet give high switching speeds. The ADG621/ADG622/ADG623 are available in a 10-lead MSOP package.

### Product Highlights

Low on resistance, RON (4  $\Omega$  typical).

Dual  $\pm 2.7$  V to  $\pm 5.5$  V or single +2.7 V to +5.5 V.

Low power dissipation; CMOS construction ensures low power dissipation.

Tiny 10-lead MSOP package.

### Applications

Automatic test equipment

Power routing

Communication systems

Data acquisition systems

Sample-and-hold systems

Avionics

Relay replacements

Battery-powered systems

## Features

5.5  $\Omega$  (maximum) on resistance

0.9  $\Omega$  (maximum) on resistance flatness

2.7 V to 5.5 V single supply

Rail-to-rail operation

10-lead MSOP package

Typical power consumption (<0.01  $\mu$ W)

TTL-/CMOS-compatible inputs

## Application

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### Related Products



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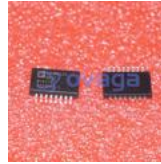
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