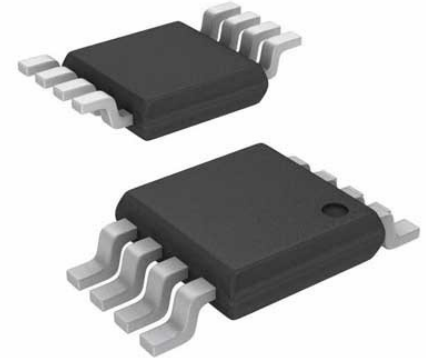


CMOS, Low Voltage, 4 O Dual SPST Switch in 3 mm × 2 mm LFCSP; Package: MSOP; No of Pins: 8; Temperature Range: Industrial



Images are for reference only

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Interface - Switches, Multiplexers, Demultiplexers
RoHS	Pb-free Halide free
Lifecycle	

Please submit RFQ for ADG722BRMZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG721, ADG722, and ADG723 are designed to operate from a single 1.8 V to 5.5 V supply, making them ideal for use in battery-powered instruments and with the new generation of DACs and ADCs from Analog Devices, Inc.

The ADG721, ADG722, and ADG723 contain two independent single-pole/single-throw (SPST) switches. The ADG721 and ADG722 differ only in that both switches are normally open and normally closed, respectively. In the ADG723, Switch 1 is normally open and Switch 2 is normally closed.

Each switch of the ADG721, ADG722, and ADG723 conducts equally well in both directions when on. The ADG723 exhibits break-before-make switching action.

Product Highlights

1.8 V to 5.5 V single-supply operation.

Very low RON (4 Ω max at 5 V, 10 Ω max at 3 V).

Low on resistance flatness.

-3 dB bandwidth >200 MHz

Low power dissipation. CMOS construction ensures low power dissipation.

8-lead MSOP and 3 mm × 2 mm LFCSP.

Features

1.8 V to 5.5 V single supply

Low on resistance flatness

Tiny package options 8-lead MSOP 3 mm × 2 mm LFCSP (A grade)

4 Ω (max) on resistance

Fast switching times TON, 20 ns TOFF, 10 ns

Low power consumption (<0.1 μW)

TTL/CMOS compatible

Application

USB 1.1 signal switching circuits

Cell phones

PDA's

Battery-powered systems

Communication systems

Sample hold systems

Audio signal routing

Video switching

Mechanical reed relay replacement

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