

LC2MOS 5 O RON SPST Switch; Package: TSSOP; No of Pins: 16; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	16-TSSOP
Product Type	Interface - Switches, Multiplexers, Demultiplexers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG451BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG451 is a monolithic CMOS device comprising four independently selectable switches. It is designed on an enhanced LC2MOS process which provides low power dissipation yet gives high switching speed and low on resistance.

The ADG451 switches are turned on with a logic low on the appropriate control input. Each switch conducts equally well in both directions when ON and each has an input signal range that extends to the supplies. All switches exhibit break-before-make switching action for use in multiplexer applications. Inherent in the design is low charge injection for minimum transients when switching the digital inputs.

Features

Low On-Resistance ($4\ \Omega$)

On-Resistance Flatness $0.2\ \Omega$

44 V Supply Maximum Ratings

Fully Specified @ $\pm 5V$, $+12V$, $\pm 15V$

Ultralow Power Dissipation ($18\ \mu W$)

ESD 2 kV

Continuous Current 100mA

Fast Switching Times $t_{on} < 70\ ns$ $t_{stf} < 60\ ns$

TTL/CMOS-Compatible Inputs

Application

Relay Replacement

Audio and Video Switching

Automatic Test Equipment

Precision Data Acquisition

Battery-Powered Systems

Sample Hold Systems

Communication Systems

PBX, PABX Systems

Avionics





Related Products



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LQFP-64



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Analog Devices, Inc
SOP8



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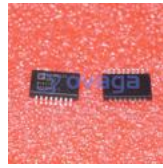
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SOIC-16