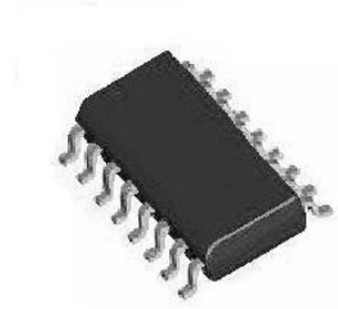


LC2MOS Precision Quad SPST Switch; Package: SOIC; No of Pins: 16; Temperature Range: Industrial

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



Images are for reference only

Please submit RFQ for ADG431BRZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG431 is a monolithic CMOS device comprising four independently selectable switches. It is designed on an enhanced LC22MOS process which provides low power dissipation yet gives high switching speed and low on resistance.

The ADG431 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

44 V Supply Maximum Ratings

Low On-Resistance (<24 Ω)

Ultralow Power Dissipation (<3.9 μ W)

Break-Before-Make Switching Action

TTL/CMOS-Compatible Inputs

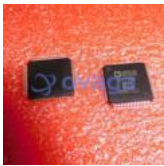
Low Leakage (<0.25 nA)

Fast Switching Times t_{on} <165 ns t_{off} <130 ns

Plug-In Replacement for DG411/DG412/DG413

16-Lead DIP and SOIC Packages

Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16