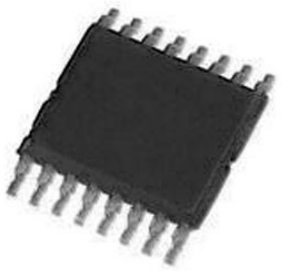
ADG413BRUZ

Data Sheet

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

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Analog Switch ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG413BRUZ or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The ADG413 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 ADG413 has two switches that are turned on with a logic high on the appropriate control inputs while the logic is inverted on the other two switches. 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 (< 35 Ω)

Ultralow Power Dissipation (<35 μW)

Rail-to-Rail Switching Operation

Fast Switching Times tON <175 nstOFF <145 ns

TTL/CMOS-Compatible Inputs

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](#)

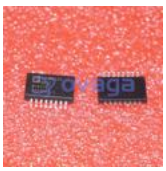
Analog Devices, Inc

QFN32

[ADV7341BSTZ](#)

Analog Devices, Inc

LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc

SOIC-16