Analog Switch ICs 15V 5V +12V iCMOS 8xSPST with SPI

Manufacturers	Analog Devices, Inc
Package/Case	LFCSP-24
Product Type	Analog Switch ICs
RoHS	Rohs
Lifecycle	
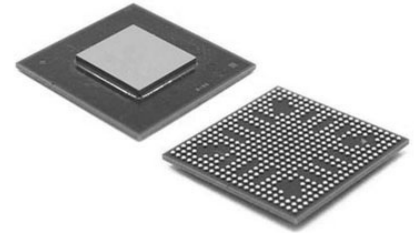
Images are for reference only

Please submit RFQ for ADG1414BCPZ-REEL7 or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The ADG1414 utilizes a versatile 3-wire serial interface that operates at clock rates of up to 50 MHz and is compatible with standard SPI®, QSPI™, MICROWIRE™, and DSP interface standards. The output of the shift register, SDO, enables a number of these parts to be daisy chained.On power-up, all switches are in the off condition, and the internal registers contain all zeros.

PRODUCT HIGHLIGHTS

50 MHz serial interface.

9.5 Ω on resistance. li>

1.6 Ω on-resistance flatness. li>

24-lead TSSOP and 4 mm × 4 mm LFCSP packages.

APPLICATIONS
Automatic test equipment

Data acquisition systems

Battery-powered systems

Sample-and-hold systems

Audio signal routing

Video signal routing

Communication systems

Features

SPI interface

Supports daisy-chain mode

10 Ω maximum on resistance

0.5 Ω on-resistance flatness

Fully specified at ±15 V, +12 V

3 V logic-compatible inputs

Rail-to-rail operation

24-lead TSSOP and 24-lead 4 mm × 4 mm LFCSP

Application

Automatic test equipment
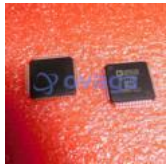
Data acquisition systems

Battery-powered systems

Sample-and-hold systems

Audio signal routing

Video signal routing

Communication systems

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
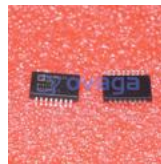
Analog Devices, Inc

SOP8

ADV7393BCPZ

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LFCSP-VQ-40

ADV7390BCPZ

Analog Devices, Inc

QFN32

ADUM4160BRIZ

Analog Devices, Inc

SOIC-16