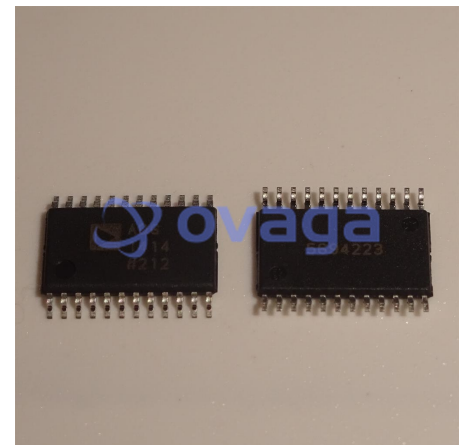


9.5 Ω RON ± 15 V/ ± 12 V/ ± 5 V iCMOS Serially-Controlled Octal SPST Switches; Package: TSSOP 4.4 MM; No of Pins: 24; Temperature Range: Ind

| | |
|---------------|----------------------------------------------------|
| Manufacturers | Analog Devices, Inc |
| Package/Case | TSSOP24 |
| Product Type | Interface - Switches, Multiplexers, Demultiplexers |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for ADG1414BRUZ or [Email to us: sales@ovaga.com](mailto: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 \times 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 \times 4 mm LFCSP

Application

Automatic test equipment

Data acquisition systems

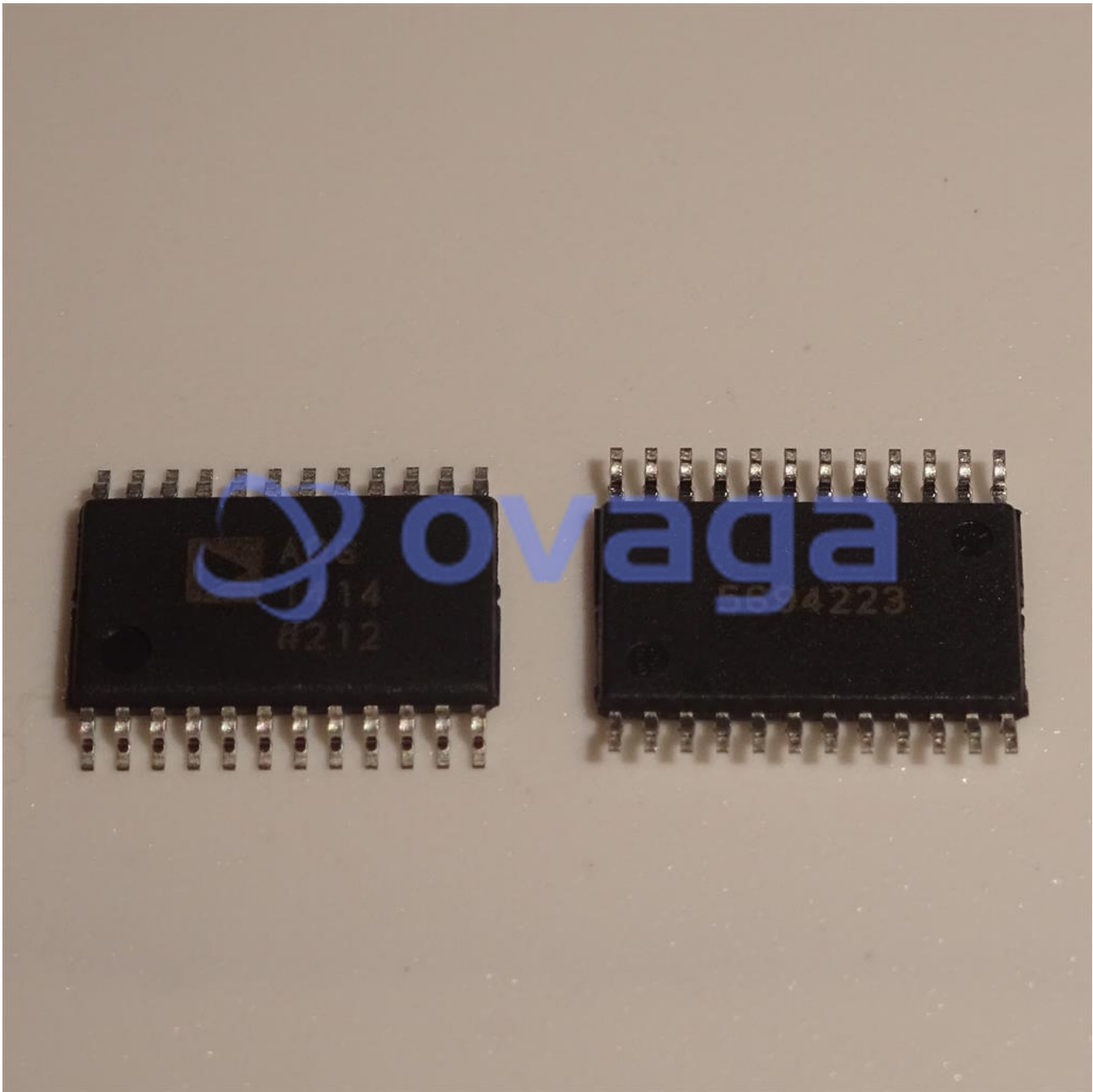
Battery-powered systems

Sample-and-hold systems

Audio signal routing

Video signal routing

Communication systems



Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



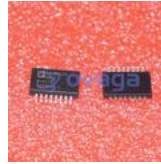
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16