

Analogue Switch, Triple Channel, 3 Channels, SPDT, 14 ohm, 9V to 40V, $\pm 9V$ to $\pm 22V$, TSSOP, 16 Pins

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 ADG5433BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

All channels exhibit break-before-make switching action that prevents momentary shorting when switching channels. An EN input on the ADG5433 (LFCSP and TSSOP packages) is used to enable or disable the device. When disabled, all channels are switched off.

The ultralow on resistance and on resistance flatness of these switches make them ideal solutions for data acquisition and gain switching applications, where low distortion is critical.

Features

Application

Latch-up proof

Relay replacement

8 kV HBM ESD

Automatic test equipment

Low on resistance (13.5 Ω)

Data acquisition

9 V to 40 V single supply operation

Instrumentation

48 V supply maximum ratings

Avionics

Audio and video switching

Fully specified at ± 15 V, ± 20 V, $+12$ V and $+36$ V

Communication systems

VSS \lt to VDD \lt analog signal range

PRODUCT HIGHLIGHTS

Trench isolation guards against latch-up. A dielectric trench separates the P and N channel transistors thereby preventing latch-up even under severe overvoltage conditions.

Low RON.

3 V logic-compatible digital inputs: = 0.8 V.



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



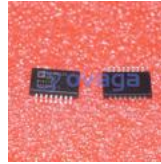
[ADV7390BCPZ](#)

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[ADUM4160BRIZ](#)

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