

4.5Ω RON, Triple/Quad SPDT ±5 V, +12 V, +5 V, and +3.3 V Switches; Package: 20-TSSOP (4.4mm); Temperature Range: -40°C to +125°C

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-20
Product Type	Analog Switch ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG1634BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG1633 and ADG1634 are monolithic industrial CMOS(iCMOS®) analog switches comprising three independentlyselectable single-pole, double-throw (SPDT) switches andfour independently selectable SPDT switches, respectively.

All channels exhibit break-before-make switching action thatprevents momentary shorting when switching channels. AnEN input on the ADG1633 (LFCSP and TSSOP packages) andADG1634 (LFCSP package only) is used to enable or disablethe devices. When disabled, all channels are switched off.

The ultralow on resistance and on-resistance flatness of theseswitches make them ideal solutions for data acquisition and gainswitching applications, where low distortion is critical. iCMOSconstruction ensures ultralow power dissipation, making the partsideally suited for portable and battery-powered instruments.

Features

4.5 Ω typical on resistance

1 Ω on-resistance flatness

Up to 206 mA continuous current

3.3 V to 16 V single-supply operation

No VL supply required

3 V logic-compatible inputs

Rail-to-rail operation

20-lead TSSOP and 20-lead, 4 mm \times 4 mm LFCSP

Application

Communication systems

Medical systems

Audio signal routing

Video signal routing

Automatic test equipment

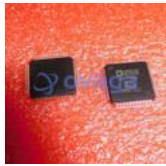
Data acquisition systems

Battery-powered systems

Sample-and-hold systems

Relay replacements

Related Products



[ADV7181CBSTZ](#)

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LQFP-64



[AD8170AR](#)

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SOP8



[ADV724JR](#)

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LFCSP-VQ-40



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



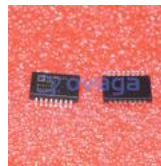
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

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LQFP-64



[ADUM4160BRIZ](#)

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