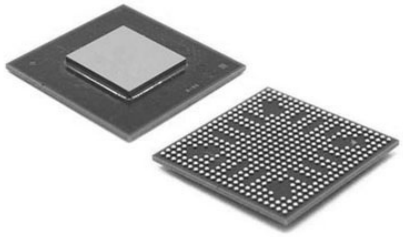
ADG1608BCPZ-REEL7

Data Sheet

4.5 Ω RON, 4-/8-Channel ±5 V,12 V, 5 V, and 3.3 V Multiplexers...

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



Images are for reference only

Please submit RFQ for ADG1608BCPZ-REEL7 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

Each switch conducts equally well in both directions when on and has an input signal range that extends to the supplies. In the off condition, signal levels up to the supplies are blocked. All switches exhibit break-before-make switching action. Inherent in the design is low charge injection for minimum transients when switching the digital inputs.

The low on resistance of these switches make them ideal solutions for data acquisition and gain switching applications where low on resistance and distortion is critical. The on-resistance profile is very flat over the full analog input range, ensuring excellent linearity and low distortion when switching audio signals.

CMOS construction ensures ultralow power dissipation, making the parts ideally suited for portable and battery-powered instruments.

Applications
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

Features

4.5 Ω typical on resistance

1 Ω on-resistance flatness

Up to 470 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

16-lead TSSOP and 16-lead, 3 mm × 3 mm LFCSP

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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