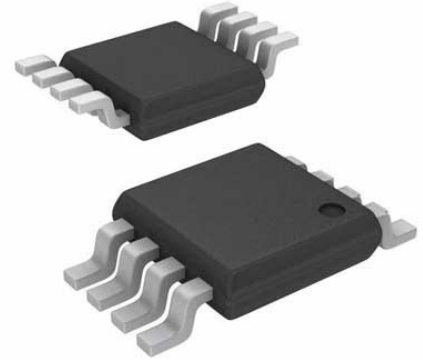


1 Ω On Resistance, ± 15 V/ ± 12 V/ ± 5 V, iCMOS SPST Switches; Package: Micro SOIC;
No of Pins: 8; Temperature Range: Ind



Images are for reference only

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Analog Switch ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for ADG1402BRMZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The iCMOS® (industrial CMOS) modular manufacturing process combines high voltage, complementary metal-oxide semiconductor (CMOS) and bipolar technologies. It enables the development of a wide range of high performance analog ICs capable of 33 V operation in a footprint that no other generation of high voltage parts has achieved. Unlike analog ICs using conventional CMOS processes, iCMOS components can tolerate high supply voltages while providing increased performance, dramatically lower power consumption, and a reduced package size.

The on resistance profile is very flat over the full analog input range ensuring excellent linearity and low distortion when switching audio signals. The iCMOS construction ensures ultralow power dissipation, making the part ideally suited for portable and battery-powered instruments.

PRODUCT HIGHLIGHTS

1.3 Ω maximum on resistance at 25°C.

Minimum distortion.

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

No VL logic power supply required.

8-lead MSOP and 8-lead, 3 mm \times 2 mm LFCSP packages.

APPLICATION

Automatic test equipment

Data acquisition systems

Battery-powered systems

Sample and hold systems

Audio signal routing

Video signal routing

Communication systems

Relay replacements

Features

1 Ω on resistance

0.2 Ω on resistance flatness

Up to 435 mA continuous current

Fully specified at +12 V, ± 15 V, ± 5 V

No VL supply required

3 V logic-compatible inputs

Rail-to-rail operation

8-lead MSOP and 8-lead, 3 mm \times 2 mm LFCSP packages

Application

Automatic test equipment

Data acquisition systems

Battery-powered systems

Sample-and-hold systems

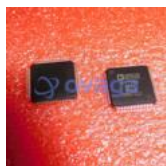
Audio signal routing

Video signal routing

Communication systems

Relay replacements

Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[ADV724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7391WBSPZ](#)

Analog Devices, Inc
LFCSP-3



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16