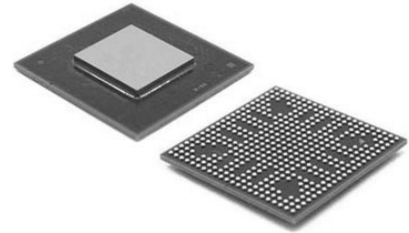


Analog Switch ICs 2.5ohm Max Ron 15V/+12V/+5V iCMOS SPST

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	LFCSP-8
Product Type	Analog Switch ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG1401BCPZ-REEL7 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  $\Omega$  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  $\Omega$  on resistance

0.2  $\Omega$  on resistance flatness

Up to 435 mA continuous current

Fully specified at +12 V,  $\pm 15$  V,  $\pm 5$  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

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## Related Products



[ADV7181CBSTZ](#)  
Analog Devices, Inc  
LQFP-64



[AD8170AR](#)  
Analog Devices, Inc  
SOP8



[ADV724JR](#)  
Analog Devices, Inc  
SOIC-16



[ADV7393BCPZ](#)  
Analog Devices, Inc  
LFCSP-VQ-40



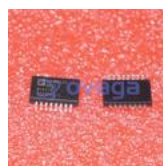
[ADV7391WBCPZ](#)  
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LFSCP-3



[ADV7390BCPZ](#)  
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[ADV7341BSTZ](#)  
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[ADUM4160BRIZ](#)  
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SOIC-16