

Analog Switch ICs 350mOhm 3.6V CMOS SGL SPDT/2:1 Mux

Manufacturers	Analog Devices, Inc
Package/Case	SC70-6
Product Type	Analog Switches Multiplexers ; Single Supply 1.65V to 5.5V
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADG839YKSZ-500RL7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADG839 is a low voltage CMOS device containing a single-pole, double-throw (SPDT) switch. This device offers ultralow on resistance of less than 0.6 Ω over the full temperature range. The ADG839 is fully specified for 1.8 V, 2.5 V, and 3.3 V supply operation.

Each switch conducts equally well in both directions when on and has an input signal range that extends to the supplies. The ADG839 exhibits break-before-make switching action.

The ADG839 is available in a 6-lead SC70 package.

Features

1.65 V to 3.6 V Operation

Ultralow on resistance:0.35 Ω Typical0.5 Ω Max at 2.7 V Supply

Excellent Audio Performance, Ultralow Distortion:0.055 Ω Typical0.09 Ω Max RON Flatness

High Current Carrying Capability:300 mA Continuous500 mA Peak Current at 3.3 V

Automotive Temperature Range: -40°C to +125°C

Rail-to-rail Switching Operation

Typical Power Consumption (<0.1 μ W)

Application

Cellular phones

PDAs

MP3 players

Power routing

Battery-powered systems

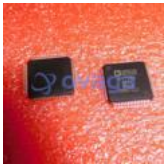
PCMCIA cards

Modems

Audio and video signal routing

Communication systems

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



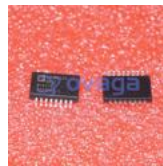
[ADV7391WBCPZ](#)
Analog Devices, Inc
LFSCP-3



[ADV7390BCPZ](#)
Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)
Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)
Analog Devices, Inc
SOIC-16