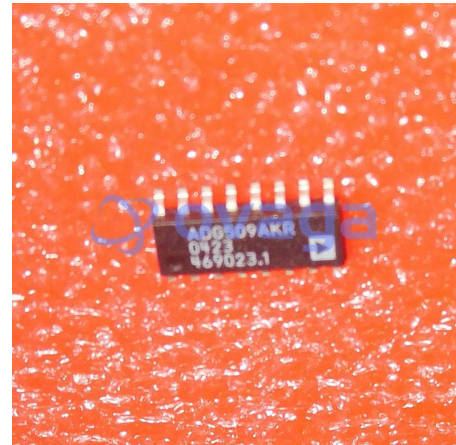


Analog Multiplexer Single 4:1 16-Pin SOIC N Tube

Manufacturers	Analog Devices, Inc
Package/Case	SOP-16
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADG509AKR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

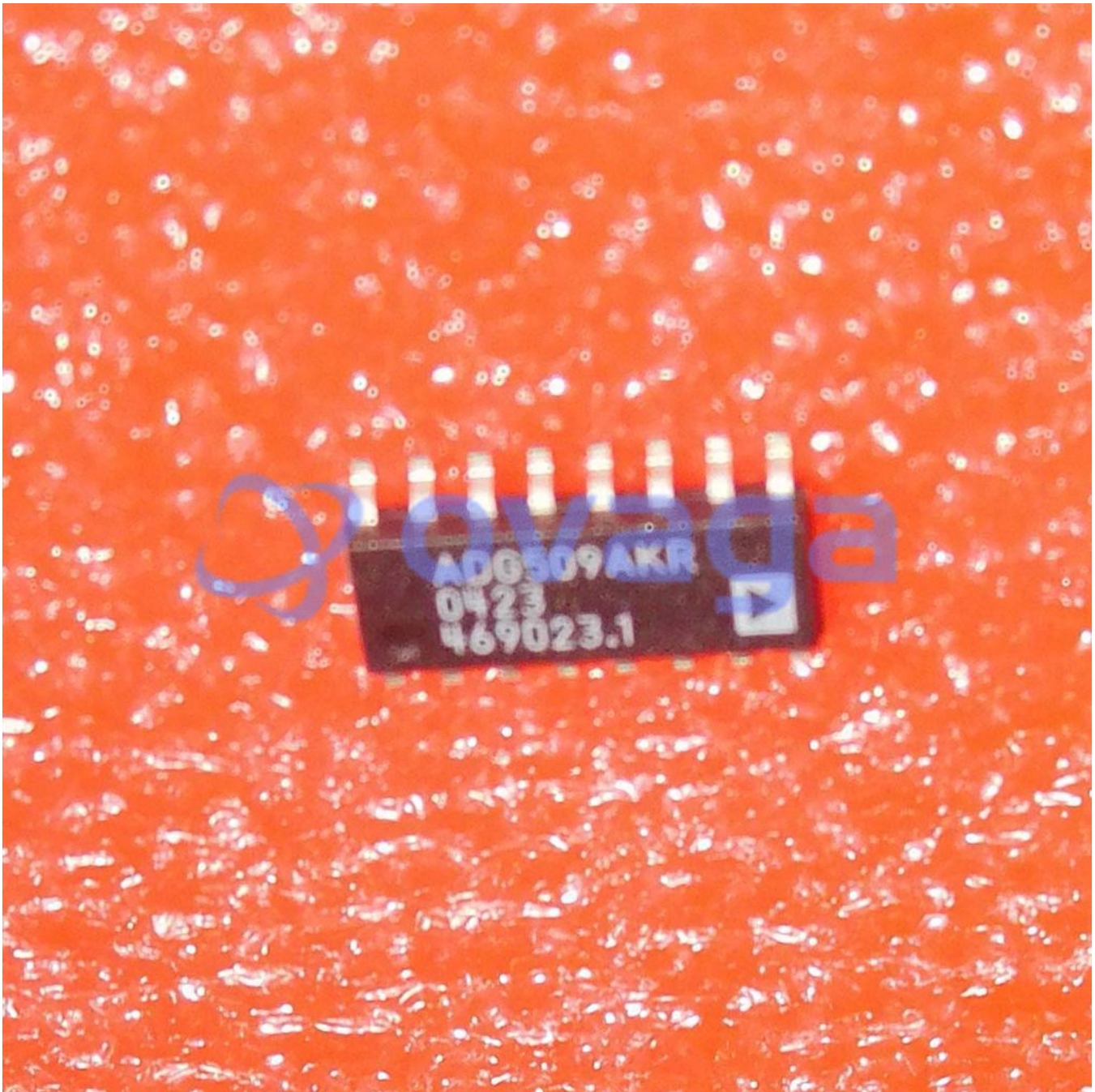
ADG509AKR is a specific integrated circuit (IC) produced by Analog Devices Inc. It is a CMOS, 4-channel, single-ended analog switch that operates with a supply voltage of 2.7V to 16V.

Features

- 4 channels with single-ended switching capability
- Low on-resistance of 35 ohms typical at 5V supply
- Wide supply voltage range of 2.7V to 16V
- Low power consumption of 0.5 microamps maximum
- Break-before-make switching action for minimal signal distortion
- Fast switching speeds with tON and tOFF of 125 ns and 75 ns, respectively
- ESD protection of 2 kV on all pins

Application

- Audio and video signal routing in entertainment systems
- Communication systems such as modems and multiplexers
- Test and measurement equipment
- Industrial control systems
- Battery-powered portable equipment
- Medical equipment



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



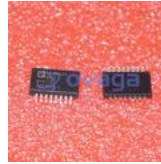
[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16