

Analog Multiplexer Single 8:1 16-Pin SOIC N Tube

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



Images are for reference only

Please submit RFQ for ADG508AKR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADG508AKR is a specific part number for an analog multiplexer/demultiplexer IC (integrated circuit) manufactured by Analog Devices Inc., which is a leading semiconductor company known for its high-performance analog and digital signal processing solutions.

Features

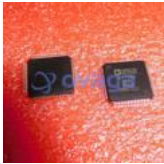
- It is an 8-channel, bidirectional analog multiplexer/demultiplexer.
- It has a wide voltage supply range of +2.7V to +16.5V, making it suitable for a variety of applications.
- It has low on-resistance of typically 35 ohms, ensuring minimal signal attenuation and distortion.
- It has a low charge injection of typically 0.5 pC, which helps maintain signal integrity during switching.
- It has a wide bandwidth of typically 150 MHz, making it suitable for high-speed signal switching applications.
- It has a latch-up immunity feature, ensuring reliable operation even in harsh environments.

Application

- Audio and video signal routing in audio/video switches and routers.
- Data acquisition systems for channel selection.
- Instrumentation and measurement equipment.
- Communication systems for signal routing.
- Industrial automation and control systems.
- Medical equipment for signal switching.



Related Products



[ADV7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[ADV7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



[ADV7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



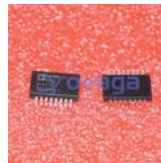
[ADV7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[ADV7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16