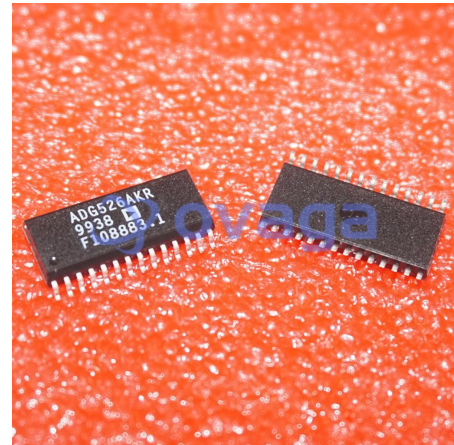


Analog Multiplexer Single 16:1 28-Pin SOIC W Tube

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-28
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADG526AKR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ADG526AKR is a specific part number for an analog multiplexer/demultiplexer, which is a type of integrated circuit (IC) designed for switching or routing analog signals in electronic circuits. The ADG526AKR is manufactured by Analog Devices Inc., a leading semiconductor company.

## Features

**16 channels:** The ADG526AKR has 16 independent channels, which can be used for multiplexing (selecting one input from multiple inputs) or demultiplexing (routing one input to multiple outputs) analog signals.

**Low on-resistance:** The ADG526AKR has low on-resistance, typically in the range of a few ohms, which minimizes signal attenuation and distortion.

**Wide input voltage range:** The ADG526AKR is designed to work with a wide input voltage range, typically from -5V to +5V, making it suitable for a variety of applications.

**Low leakage current:** The ADG526AKR has low leakage current, typically in the picoampere range, which helps to maintain signal integrity and minimize power consumption.

**Fast switching speed:** The ADG526AKR has fast switching speeds, typically in the nanosecond range, which makes it suitable for high-speed applications.

## Application

**Audio and video signal routing:** The ADG526AKR can be used in audio and video systems to switch or route analog signals, such as in audio mixers, video switches, and multimedia devices.

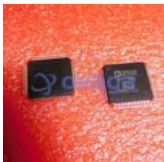
**Communication systems:** The ADG526AKR can be used in communication systems, such as telecommunication equipment and data communication systems, for signal routing and switching.

**Test and measurement:** The ADG526AKR can be used in test and measurement equipment for signal routing and switching in applications such as automated test equipment (ATE), data acquisition systems, and instrumentation.

**Industrial and automotive:** The ADG526AKR can be used in industrial and automotive applications for signal routing and switching, such as in motor control systems, process control systems, and automotive electronics.



### 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



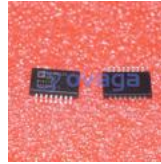
[ADV7390BCPZ](#)

Analog Devices, Inc  
QFN32



[ADV7341BSTZ](#)

Analog Devices, Inc  
LQFP-64



[ADUM4160BRIZ](#)

Analog Devices, Inc  
SOIC-16