


Analog Multiplexer Single 16:1 Automotive 28-Pin PLCC Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	PLCC28
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

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General Description

ADG506AKPZ is a part number for a specific analog switch manufactured by Analog Devices Inc. It is a CMOS-based analog switch with a low on-resistance of typically 4 ohms and low leakage current of less than 10 nA.

Key Features

It has 16 channels, which can be used to switch analog signals or digital signals.

It has a wide operating voltage range of 1.8 V to 16 V, which makes it suitable for a variety of applications.

It has a low on-resistance, which helps to minimize signal attenuation.

It has low leakage current, which helps to minimize signal distortion.

It has a fast switching time, which helps to minimize signal delay.

Application

It can be used in instrumentation applications to switch between different sensors or measurement sources.

It can be used in audio applications to switch between different audio sources or to route audio signals.

It can be used in communication systems to switch between different communication channels.

It can be used in medical equipment to switch between different sensors or measurement sources.



Recommended For You

ADG201HSKNZ

Analog Devices, Inc

DIP16

ADG202AKNZ

Analog Devices, Inc

DIP16

AD8180ARZ

Analog Devices, Inc

SOP8

ADG509ATQ

Analog Devices, Inc

CDIP16

ADG526ATQ

Analog Devices, Inc

CDIP

ADG508FBNZ

Analog Devices, Inc

DIP16

ADG433BRZ

Analog Devices, Inc

SOP16

ADG507AKRZ

Analog Devices, Inc

SOP28

ADG713BRUZ

Analog Devices, Inc

TSSOP16

ADG1607BRUZ

Analog Devices, Inc

TSSOP28

ADG823BRMZ

Analog Devices, Inc

MSOP8

ADG526AKRZ

Analog Devices, Inc

SOP28

ADG417BRZ

Analog Devices, Inc

SOP-8

ADG436BNZ

Analog Devices, Inc

DIP

ADG774ABRQZ

Analog Devices, Inc

SSOP16