



Image may be representation.
See specifications for product details.



ADG506AKNZ

Manufacturer Part Number	ADG506AKNZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG506AKNZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MUX 16:1 300OHM 28DIP
Package	28-DIP (0.600', 15.24mm)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG506AKNZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG506AKNZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADG506AKNZ, please send us email: info@allelco.com

Specifications

ADG506AKNZ Tech Specifications

ADG506AKNZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	1
Voltage - Supply, Single (V+)	10.8V ~ 16.5V	Multiplexer/Demultiplexer Circuit	16:1
Voltage - Supply, Dual (V±)	±10.8V ~ 16.5V	Mounting Type	Through Hole
Switch Time (Ton, Toff) (Max)	300ns, 300ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	-	Crosstalk	-
Supplier Device Package	28-PDIP	Charge Injection	4pC
Series	-	Channel-to-Channel Matching (ΔRon)	150hm
Package / Case	28-DIP (0.600', 15.24mm)	Channel Capacitance (CS(off), CD(off))	5pF, 44pF
Package	Tube	Base Product Number	ADG506
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	300Ohm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG506AKNZ

Product Attribute				
Part Number	ADG506AKNZ	ADG506AKRZ	ADG506ABQ	ADG506AKPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	28-DIP (0.600', 15.24mm)	28-SOIC (0.295', 7.50mm Width)	28-CDIP (0.600', 15.24mm)	28-LCC (J-Lead)
Number of Circuits	1	1	1	1
Channel-to-Channel Matching (ΔRon)	150hm	150hm	150hm	150hm
Voltage - Supply, Dual (V±)	±10.8V ~ 16.5V	±10.8V ~ 16.5V	±10.8V ~ 16.5V	±10.8V ~ 16.5V
Package	Tube	Tube	Tube	Tube
Voltage - Supply, Single (V+)	10.8V ~ 16.5V	10.8V ~ 16.5V	10.8V ~ 16.5V	10.8V ~ 16.5V
Switch Circuit	-	-	-	-
Base Product Number	ADG506	ADG506	ADG506	ADG506
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
On-State Resistance (Max)	300Ohm	300Ohm	300Ohm	300Ohm
Series	-	-	-	-
Multiplexer/Demultiplexer Circuit	16:1	16:1	16:1	16:1
Crosstalk	-	-	-	-
-3db Bandwidth	-	-	-	-
Charge Injection	4pC	4pC	4pC	4pC
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Switch Time (Ton, Toff) (Max)	300ns, 300ns	300ns, 300ns	300ns, 300ns	300ns, 300ns
Channel Capacitance (CS(off), CD(off))	5pF, 44pF	5pF, 44pF	5pF, 44pF	5pF, 44pF
Supplier Device Package	28-PDIP	28-SOIC	28-CDIP	28-PLCC (11.51x11.51)
Current - Leakage (IS(off)) (Max)	1nA	1nA	1nA	1nA

ADG506AKNZ Datasheet PDF

Download ADG506AKNZ pdf datasheets and Analog Devices Inc. documentation for ADG506AKNZ - Analog Devices Inc..

Datasheets
















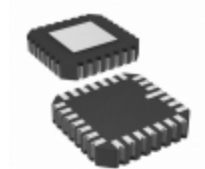


[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

					
ADG506ABQ/883 Intel	ADG467BRZ Analog Devices Inc. TVS DEVICE MIXED 40V 18SOIC	ADG506ATE/883 ADI (Analog Devices, Inc.)	ADG506 ADI (Analog Devices, Inc.)	ADG506AKRZ Analog Devices Inc. IC MUX 16:1 300OHM 28SOIC	ADG506ABQ Analog Devices Inc. IC MUX 16:1 300OHM 28CDIP
					
ADG467BRZ-REEL7 Analog Devices Inc. TVS DEVICE MIXED 40V 18SOIC	ADG506AKPZ Analog Devices Inc. IC MUX 16:1 300OHM 28PLCC	ADG467BRSZ-3 ADI (Analog Devices, Inc.)	ADG467BRSZ Analog Devices Inc. TVS DEVICE MIXED 40V 20SSOP	ADG467BRSZ-REEL7 ADI (Analog Devices, Inc.)	ADG506AKRZ-REEL Analog Devices Inc. IC MUX 16:1 300OHM 28SOIC
					
ADG506AKR Analog Devices Inc. IC MUX 16:1 300OHM 28SOIC	ADG506ATQ Analog Devices Inc. IC MUX 16:1 300OHM 28CDIP	ADG506AKP Analog Devices Inc. IC MUX 16:1 300OHM 28PLCC	ADG506ATE/883B Analog Devices Inc. IC MUX 16:1 300OHM 28LCC	ADG506AKN Analog Devices Inc. IC MUX 16:1 300OHM 28DIP	ADG467BRZ-REEL Analog Devices Inc. TVS DEVICE MIXED 40V 18SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

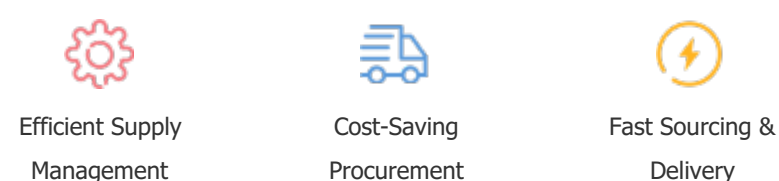
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

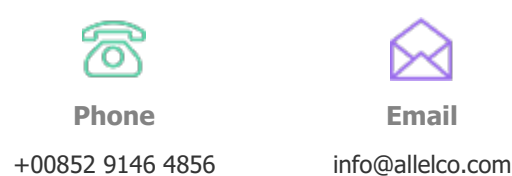
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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