

Image may be representation.  
See specifications for product details.



## ADG221KN

Manufacturer Part Number	<b>ADG221KN</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG221KN
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPST-NCX4 900HM 16DIP
Package	16-DIP (0.300", 7.62mm)
Data sheet	<b>ADG221,222.pdf</b>

**Get a Quote**

ADG221KN - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG221KN datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG221KN, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

ADG221KN Tech Specifications

ADG221KN - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	4
Voltage - Supply, Single (V+)	15V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±15V	Mounting Type	Through Hole
Switch Time (Ton, Toff) (Max)	350ns, 250ns	Current - Leakage (IS(off)) (Max)	2nA
Switch Circuit	SPST - NC	Crosstalk	-80dB @ 100kHz
Supplier Device Package	16-PDIP	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	4.50hm
Package / Case	16-DIP (0.300", 7.62mm)	Channel Capacitance (CS(off), CD(off))	5pF, 5pF
Package	Tube	Base Product Number	ADG221
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	900hm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG221KN

Product Attribute				
Part Number	ADG221KN	ADG212AKR	ADG212AKPZ	ADG222KRZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
-3db Bandwidth	-	-	-	-
Crosstalk	-80dB @ 100kHz	-80dB @ 100kHz	-80dB @ 100kHz	-
Base Product Number	ADG221	ADG212	ADG212	ADG222
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-
Package	Tube	Tube	Tube	Tube
Number of Circuits	4	4	4	-
Voltage - Supply, Dual (V±)	±15V	±15V	±15V	-
Series	-	-	-	LC <sup>2</sup> MOS
Supplier Device Package	16-PDIP	16-SOIC	20-PLCC (9x9)	16-SOIC
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Single (V+)	15V	15V	15V	-
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	-
Charge Injection	20pC	20pC	20pC	-
Switch Time (Ton, Toff) (Max)	350ns, 250ns	600ns, 450ns	600ns, 450ns	-
Switch Circuit	SPST - NC	SPST - NO	SPST - NO	-
On-State Resistance (Max)	900hm	1150hm	1150hm	-
Current - Leakage (IS(off)) (Max)	2nA	5nA	5nA	-
Channel-to-Channel Matching (ΔRon)	4.50hm	5.750hm	5.750hm	-
Package / Case	16-DIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)	20-LCC (J-Lead)	16-SOIC (0.154", 3.90mm Width)
Channel Capacitance (CS(off), CD(off))	5pF, 5pF	5pF, 5pF	5pF, 5pF	-

## ADG221KN Datasheet PDF

Download ADG221KN pdf datasheets and Analog Devices Inc. documentation for ADG221KN - Analog Devices Inc..

### Datasheets



















[ADG221,222.pdf](#)

### PCN Obsolescence/ EOL

[Multiple Devices Family 27/Oct/2011.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>ADG212AKR</b> Analog Devices Inc. IC SW SPST-NOX4 115OHM 16SOIC	<b>ADG3123BRUZ-REEL7</b> Analog Devices Inc. IC TRNSLTR UNIDIR 20TSSOP	<b>ADG212AKRZ-REEL7</b> ADI (Analog Devices, Inc.)	<b>ADG3123BRUZ</b> Analog Devices Inc. IC TRNSLTR UNIDIR 20TSSOP	<b>ADG321D</b> NS	<b>ADG212AKPZ</b> Analog Devices Inc. IC SW SPST-NOX4 115OHM 20PLCC
					
<b>ADG2188BCPZ-REEL7</b> Analog Devices Inc. IC CROSSPOINT SWITCH 8X8 32LFCSP	<b>ADG222KRZ</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	<b>ADG212AKP</b> Analog Devices Inc. IC SW SPST-NOX4 115OHM 20PLCC	<b>ADG222KN</b> ADI (Analog Devices, Inc.)	<b>ADG221KP</b> Analog Devices Inc. IC SWITCH QUAD SPST 20PLCC	<b>ADG2188YCPZ-REEL7</b> Analog Devices Inc. IC CROSSPOINT SWITCH 8X8 32LFCSP
					
<b>ADG212AKRZ</b> Analog Devices Inc. IC SW SPST-NOX4 115OHM 16SOIC	<b>ADG2188BCPZ</b> ADI (Analog Devices, Inc.)	<b>ADG212AKR-REEL</b> Analog Devices Inc. IC SW SPST-NOX4 115OHM 16SOIC	<b>ADG222TE/883B</b> ADI (Analog Devices, Inc.)	<b>ADG222AKN</b> ADI (Analog Devices, Inc.)	<b>ADG212AKRZ-REEL</b> Analog Devices Inc. IC SW SPST-NOX4 115OHM 16SOIC

## 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

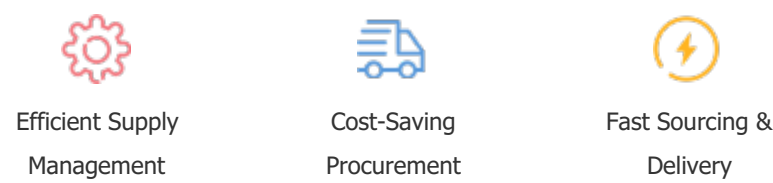
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

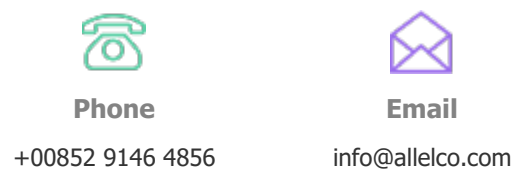
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



View More