

Image may be representation.
See specifications for product details.



ADG431BN

Manufacturer Part Number	ADG431BN
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG431BN
ECAD Model	Request Free CAD Models
Parts Description	IC SWITCH SPST-NCX4 240HM 16DIP
Package	16-DIP (0.300", 7.62mm)
Data sheet	ADG431-433.pdf

Get a Quote

ADG431BN - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG431BN datasheet/specifications on AllelcoElec.com.
Request a quote for ADG431BN, please send us email: info@allelco.com

Specifications

ADG431BN Tech Specifications

ADG431BN - 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+)	12V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±15V	Mounting Type	Through Hole
Switch Time (Ton, Toff) (Max)	90ns, 60ns	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SPST - NC	Crosstalk	-85dB @ 1MHz
Supplier Device Package	16-PDIP	Charge Injection	5pC
Series	-	Channel-to-Channel Matching (ΔRon)	1.20hm
Package / Case	16-DIP (0.300", 7.62mm)	Channel Capacitance (CS(off), CD(off))	9pF, 9pF
Package	Tube	Base Product Number	ADG431
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	240hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG431BN

Product Attribute				
Part Number	ADG431BN	ADG428BPZ	ADG431BRZ-REEL	ADG429BN
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Leakage (IS(off)) (Max)	250pA	500pA	250pA	500pA
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Multiplexer/Demultiplexer Circuit	1:1	8:1	1:1	4:1
Number of Circuits	4	1	4	2
Base Product Number	ADG431	ADG428	ADG431	-
Package	Tube	Tube	Tape & Reel (TR)	Bulk
-3db Bandwidth	-	-	-	-
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 100kHz
Voltage - Supply, Dual (V±)	±15V	±15V	±15V	±15V
Switch Circuit	SPST - NC	-	SPST - NC	SP4T
Channel Capacitance (CS(off), CD(off))	9pF, 9pF	11pF, 40pF	9pF, 9pF	11pF, 20pF
On-State Resistance (Max)	240hm	1000hm	240hm	1000hm
Switch Time (Ton, Toff) (Max)	90ns, 60ns	150ns, 150ns	90ns, 60ns	150ns, 150ns
Channel-to-Channel Matching (ΔRon)	1.20hm	100hm	1.20hm	100hm
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Package / Case	16-DIP (0.300", 7.62mm)	20-LCC (J-Lead)	16-SOIC (0.154", 3.90mm Width)	18-DIP (0.300", 7.62mm)
Series	-	-	-	-
Supplier Device Package	16-PDIP	20-PLCC (9x9)	16-SOIC	18-PDIP
Charge Injection	5pC	4pC	5pC	4pC
Voltage - Supply, Single (V+)	12V	12V	12V	12V

ADG431BN Datasheet PDF

Download ADG431BN pdf datasheets and Analog Devices Inc. documentation for ADG431BN - Analog Devices Inc..

Datasheets



















ADG431-433.pdf

PCN Obsolescence/ EOL

Multiple Devices Family 27/Oct/2011.pdf

Customers Also Interested in

Recommended Products

 ADG428BPZ Analog Devices Inc. IC MUX 8:1 100OHM 20PLCC	 ADG431BRZ-REEL Analog Devices Inc. IC SWITCH SPST-NCX4 24OHM 16SOIC	 ADG429BN Analog Devices Inc. IC SWITCH SP4T X 2 100OHM 18DIP	 ADG431BRZ Analog Devices Inc. IC SWITCH SPST-NCX4 24OHM 16SOIC	 ADG429TQ Analog Devices Inc. IC SWITCH SP4TX2 100OHM 18CERDIP	 ADG431BNZ Analog Devices Inc. IC SWITCH SPST-NCX4 24OHM 16DIP
 ADG431BRZ-REEL7 Analog Devices Inc. IC SWITCH SPST-NCX4 24OHM 16SOIC	 ADG431ABRZ ADI (Analog Devices, Inc.)	 ADG431BR Analog Devices Inc. IC SWITCH SPST-NCX4 24OHM 16SOIC	 ADG432BR Analog Devices Inc. IC SWITCH SPST-NOX4 24OHM 16SOIC	 ADG428BP Analog Devices Inc. IC MUX 8:1 100OHM 20PLCC	 ADG428BRZ-REEL7 ADI (Analog Devices, Inc.)
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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

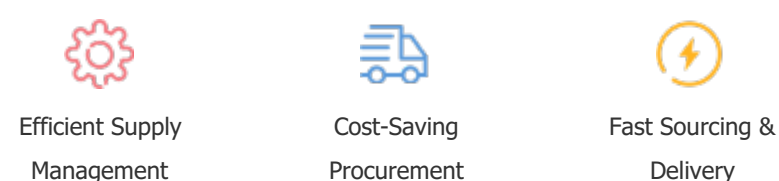
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

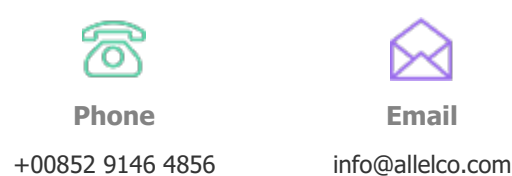
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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