



Image may be representation.
See specifications for product details.



ADG431BNZ

Manufacturer Part Number	ADG431BNZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG431BNZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SPST-NCX4 240HM 16DIP
Package	16-DIP (0.300', 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG431BNZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG431BNZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADG431BNZ, please send us email: info@allelco.com

Specifications

ADG431BNZ Tech Specifications

ADG431BNZ - 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. ADG431BNZ

Product Attribute				
Part Number	ADG431BNZ	ADG428BR	ADG431BR	ADG428BRZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Crosstalk	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz
Current - Leakage (IS(off)) (Max)	250pA	500pA	250pA	500pA
Package / Case	16-DIP (0.300', 7.62mm)	18-SOIC (0.295', 7.50mm Width)	16-SOIC (0.154', 3.90mm Width)	18-SOIC (0.295', 7.50mm Width)
Channel-to-Channel Matching (ΔRon)	1.20hm	100hm	1.20hm	100hm
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	-	-	-	-
Multiplexer/Demultiplexer Circuit	1:1	8:1	1:1	8:1
Base Product Number	ADG431	ADG428	ADG431	ADG428
On-State Resistance (Max)	240hm	1000hm	240hm	1000hm
Package	Tube	Tube	Tube	Tube
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Dual (V±)	±15V	±15V	±15V	±15V
Charge Injection	5pC	4pC	5pC	4pC
-3db Bandwidth	-	-	-	-
Channel Capacitance (CS(off), CD(off))	9pF, 9pF	11pF, 40pF	9pF, 9pF	11pF, 40pF
Switch Time (Ton, Toff) (Max)	90ns, 60ns	150ns, 150ns	90ns, 60ns	150ns, 150ns
Number of Circuits	4	1	4	1
Supplier Device Package	16-PDIP	18-SOIC	16-SOIC	18-SOIC
Switch Circuit	SPST - NC	-	SPST - NC	-
Voltage - Supply, Single (V+)	12V	12V	12V	12V

ADG431BNZ Datasheet PDF

Download ADG431BNZ pdf datasheets and Analog Devices Inc. documentation for ADG431BNZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



ADG428BR

Analog Devices Inc.
IC MUX 8:1 100OHM 18SOIC



ADG431BR

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 16SOIC



ADG428BRZ

Analog Devices Inc.
IC MUX 8:1 100OHM 18SOIC



ADG431BRZ-REEL

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 16SOIC



ADG432BNZ

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 16DIP



ADG431ABRZ

ADI (Analog Devices, Inc.)



ADG428BRZ-REEL7

ADI (Analog Devices, Inc.)



ADG432BRZ

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 16SOIC



ADG428BPZ

Analog Devices Inc.
IC MUX 8:1 100OHM 20PLCC



ADG431BN

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 16DIP



ADG431BRZ-REEL7

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 16SOIC



ADG428BP

Analog Devices Inc.
IC MUX 8:1 100OHM 20PLCC



ADG431BRZ

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 16SOIC



ADG433ABRZ

Analog Devices Inc.
IC SWITCH QUAD SPST 16SOIC



ADG429TQ

Analog Devices Inc.
IC SWITCH SP4TX2 100OHM 18CERDIP



ADG428BRZ-REEL

Analog Devices Inc.
IC MUX 8:1 100OHM 18SOIC



ADG429BN

Analog Devices Inc.
IC SWITCH SP4T X 2 100OHM 18DIP



ADG432BR

Analog Devices Inc.
IC SWITCH SPST-NCX4 240HM 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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