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See specifications for product details.



ADG1421BCPZ-REEL7

Manufacturer Part Number	ADG1421BCPZ-REEL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG1421BCPZ-REEL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SW SPST-NOX2 2.4OHM 10LFCSP
Package	10-VDFDN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG1421BCPZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1421BCPZ-REEL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADG1421BCPZ-REEL7, please send us email: info@allelco.com

Specifications

ADG1421BCPZ-REEL7 Tech Specifications
ADG1421BCPZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	2
Voltage - Supply, Single (V+)	5V ~ 16.5V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	145ns, 145ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	SPST - NO	Crosstalk	-74dB @ 1MHz
Supplier Device Package	10-LFCSP-WD (3x3)	Charge Injection	-5pC
Series	-	Channel-to-Channel Matching (ΔRon)	20mOhm
Package / Case	10-VDFDN Exposed Pad, CSP	Channel Capacitance (CS(off), CD(off))	18pF, 22pF
Package	Tape & Reel (TR)	Base Product Number	ADG1421
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	180MHz
On-State Resistance (Max)	2.40hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1421BCPZ-REEL7

Product Attribute				
Part Number	ADG1421BCPZ-REEL7	ADG1419BCPZ-REEL7	ADG1421BRMZ-REEL7	ADG1423BRMZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Crosstalk	-74dB @ 1MHz	-64dB @ 1MHz	-74dB @ 1MHz	-74dB @ 1MHz
Supplier Device Package	10-LFCSP-WD (3x3)	8-LFCSP-WD (2x3)	10-MSOP	10-MSOP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Charge Injection	-5pC	-16pC	-5pC	-5pC
Channel-to-Channel Matching (ΔRon)	20mOhm	50mOhm	20mOhm	20mOhm
-3db Bandwidth	180MHz	135MHz	180MHz	180MHz
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
On-State Resistance (Max)	2.40hm	2.40hm	2.40hm	2.40hm
Package / Case	10-VDFDN Exposed Pad, CSP	8-WDFDN Exposed Pad, CSP	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V
Base Product Number	ADG1421	ADG1419	ADG1421	ADG1423
Series	-	-	-	-
Number of Circuits	2	1	2	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Switch Time (Ton, Toff) (Max)	145ns, 145ns	110ns, 140ns	145ns, 145ns	145ns, 145ns
Multiplexer/Demultiplexer Circuit	1:1	2:1	1:1	1:1
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Channel Capacitance (CS(off), CD(off))	18pF, 22pF	19pF, 44pF	18pF, 22pF	18pF, 22pF
Voltage - Supply, Single (V+)	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V
Switch Circuit	SPST - NO	SPDT	SPST - NO	SPST - NO/NC

ADG1421BCPZ-REEL7 Datasheet PDF

Download ADG1421BCPZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for ADG1421BCPZ-REEL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

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[Tape and Reel Packaging.pdf](#)

Customers Also Interested in

Recommended Products

					
ADG1419BCPZ-REEL7 Analog Devices Inc. IC SWITCH SPDT X 1 2.4OHM 8LFCSP	ADG1421BRMZ-REEL7 Analog Devices Inc. IC SW SPST-NOX2 2.4OHM 10MSOP	ADG1422BCPZ ADI (Analog Devices, Inc.)	ADG1423BRMZ-REEL7 Analog Devices Inc. IC SW SPST-NO/NCX2 2.4OHM 10MSOP	ADG1419BRMZ Analog Devices Inc. IC SWITCH SPDT X 1 2.4OHM 8MSOP	ADG1414BCPZ-REEL7 Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24LFCSP
					
ADG1414BRUZ Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24TSSOP	ADG1433YCPZ-REEL Analog Devices Inc. IC SWITCH SPDTX3 4.7OHM 16LFCSP	ADG1421BRM ADI (Analog Devices, Inc.)	ADG1423BCPZ-REEL7 Analog Devices Inc. IC SW SPST-NO/NCX2 2.4OHM 10CSP	ADG1419BCPZ ADI (Analog Devices, Inc.)	ADG1422BCPZ-REEL7 Analog Devices Inc. IC SW SPST-NCX2 2.4OHM 10LFCSP
					
ADG1421BRMZ Analog Devices Inc. IC SW SPST-NOX2 2.4OHM 10MSOP	ADG1419BCPZ-REEL ADI (Analog Devices, Inc.)	ADG1414BRUZ-REEL7 Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24TSSOP	ADG1422BRMZ-REEL7 Analog Devices Inc. IC SW SPST-NCX2 2.4OHM 10MSOP	ADG1419BRMZ-REEL7 Analog Devices Inc. IC SWITCH SPDT X 1 2.4OHM 8MSOP	ADG1422BRMZ Analog Devices Inc. IC SW SPST-NCX2 2.4OHM 10MSOP

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

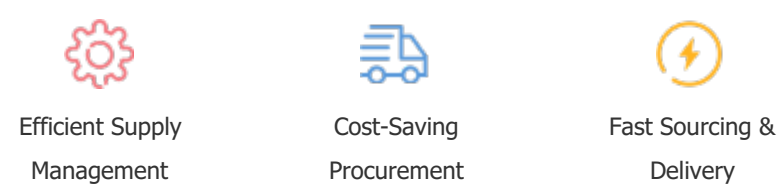
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

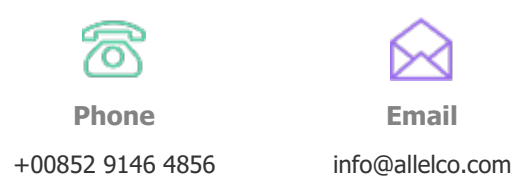
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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Contact us if you have any questions.



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