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See specifications for product details.



ADG1414BRUZ-REEL7

Manufacturer Part Number	ADG1414BRUZ-REEL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG1414BRUZ-REEL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SW SPST-NOX8 11.5OHM 24TSSOP
Package	24-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG1414BRUZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1414BRUZ-REEL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADG1414BRUZ-REEL7, please send us email: info@allelco.com

Specifications

ADG1414BRUZ-REEL7 Tech Specifications
ADG1414BRUZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	8
Voltage - Supply, Single (V+)	12V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	93ns, 35ns	Current - Leakage (IS(off)) (Max)	150pA
Switch Circuit	SPST - NO	Crosstalk	-75dB @ 1MHz
Supplier Device Package	24-TSSOP	Charge Injection	10pC
Series	-	Channel-to-Channel Matching (ΔRon)	550mOhm
Package / Case	24-TSSOP (0.173', 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	8pF
Package	Tape & Reel (TR)	Base Product Number	ADG1414
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	256MHz
On-State Resistance (Max)	11.5Ohm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1414BRUZ-REEL7

Product Attribute				
Part Number	ADG1414BRUZ-REEL7	ADG1414BRUZ	ADG1421BCPZ-REEL7	ADG1419BCPZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Leakage (IS(off)) (Max)	150pA	150pA	500pA	500pA
Supplier Device Package	24-TSSOP	24-TSSOP	10-LFCSP-WD (3x3)	8-LFCSP-WD (2x3)
Channel Capacitance (CS(off), CD(off))	8pF	8pF	18pF, 22pF	19pF, 44pF
-3db Bandwidth	256MHz	256MHz	180MHz	135MHz
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	ADG1414	ADG1414	ADG1421	ADG1419
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	2:1
Switch Time (Ton, Toff) (Max)	93ns, 35ns	93ns, 35ns	145ns, 145ns	110ns, 140ns
Crosstalk	-75dB @ 1MHz	-75dB @ 1MHz	-74dB @ 1MHz	-64dB @ 1MHz
Package / Case	24-TSSOP (0.173', 4.40mm Width)	24-TSSOP (0.173", 4.40mm Width)	10-VDFN Exposed Pad, CSP	8-WDFN Exposed Pad, CSP
Voltage - Supply, Single (V+)	12V	12V	5V ~ 16.5V	5V ~ 16.5V
On-State Resistance (Max)	11.5Ohm	11.5Ohm	2.4Ohm	2.4Ohm
Number of Circuits	8	8	2	1
Charge Injection	10pC	10pC	-5pC	-16pC
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Switch Circuit	SPST - NO	SPST - NO	SPST - NO	SPDT
Series	-	-	-	-
Channel-to-Channel Matching (ΔRon)	550mOhm	550mOhm	20mOhm	50mOhm
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

ADG1414BRUZ-REEL7 Datasheet PDF

Download ADG1414BRUZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for ADG1414BRUZ-REEL7 - Analog Devices Inc..

Datasheets




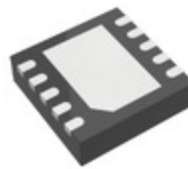



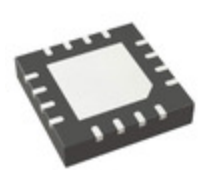





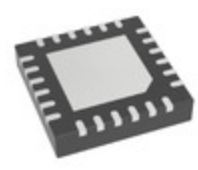
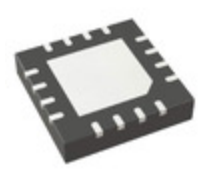



[Cylindrical Battery Holders.pdf](#)

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[Tape and Reel Packaging.pdf](#)

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Recommended Products

					
ADG1414BRUZ Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24TSSOP	ADG1414BCPZ ADI (Analog Devices, Inc.)	ADG1421BRM ADI (Analog Devices, Inc.)	ADG1421BCPZ-REEL7 Analog Devices Inc. IC SW SPST-NOX2 2.4OHM 10LFCSP	ADG1419BCPZ ADI (Analog Devices, Inc.)	ADG1419BCPZ-REEL ADI (Analog Devices, Inc.)
					
ADG1419BCPZ-REEL7 Analog Devices Inc. IC SWITCH SPDT X 1 2.4OHM 8LFCSP	ADG1412YCPZ-REEL7 Analog Devices Inc. IC SW SPST-NOX4 1.8OHM 16LFCSP	ADG1421BRMZ Analog Devices Inc. IC SW SPST-NOX2 2.4OHM 10MSOP	ADG1413 ADI (Analog Devices, Inc.)	ADG1413YRUZ-REEL7 Analog Devices Inc. IC SW SPST-NO/NC 1.8OHM 16TSSOP	ADG1412YRUZ-REEL7 Analog Devices Inc. IC SW SPST-NOX4 1.8OHM 16TSSOP
					
ADG1412YRUZ Analog Devices Inc. IC SW SPST-NOX4 1.8OHM 16TSSOP	ADG1414BCPZ-REEL7 Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24LFCSP	ADG1413YCPZ-REEL7 Analog Devices Inc. IC SW SPST-NO/NCX4 1.8OHM 16CSP	ADG1419BRMZ-REEL7 Analog Devices Inc. IC SWITCH SPDT X 1 2.4OHM 8MSOP	ADG1419BRMZ Analog Devices Inc. IC SWITCH SPDT X 1 2.4OHM 8MSOP	ADG1413YRUZ Analog Devices Inc. IC SW SPST-NO/NC 1.8OHM 16TSSOP

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

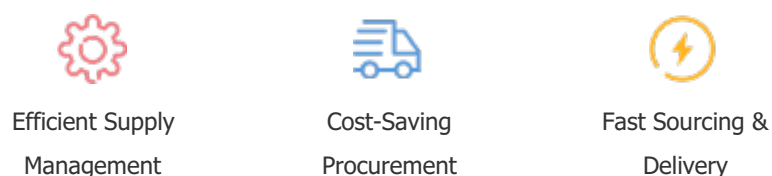
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

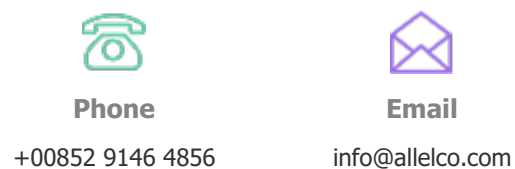
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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