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See specifications for product details.



ADG1412YRUZ-REEL7

Manufacturer Part Number	ADG1412YRUZ-REEL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG1412YRUZ-REEL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SW SPST-NOX4 1.8OHM 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG1412YRUZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1412YRUZ-REEL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADG1412YRUZ-REEL7, please send us email: info@allelco.com

Specifications

ADG1412YRUZ-REEL7 Tech Specifications
ADG1412YRUZ-REEL7 - 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+)	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)	150ns, 120ns	Current - Leakage (IS(off)) (Max)	550pA
Switch Circuit	SPST - NO	Crosstalk	-100dB @ 1MHz
Supplier Device Package	16-TSSOP	Charge Injection	-20pC
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	23pF, 23pF
Package	Tape & Reel (TR)	Base Product Number	ADG1412
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	170MHz
On-State Resistance (Max)	1.80hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1412YRUZ-REEL7

Product Attribute				
Part Number	ADG1412YRUZ-REEL7	ADG1411YRUZ	ADG1411YCPZ-REEL7	ADG1413YRUZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel Capacitance (CS(off), CD(off))	23pF, 23pF	23pF, 23pF	23pF, 23pF	23pF, 23pF
Supplier Device Package	16-TSSOP	16-TSSOP	16-LFCSP-VQ (4x4)	16-TSSOP
-3db Bandwidth	170MHz	170MHz	170MHz	170MHz
Series	-	-	-	-
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-VQFN Exposed Pad, CSP	16-TSSOP (0.173', 4.40mm Width)
Switch Circuit	SPST - NO	SPST - NC	SPST - NC	SPST - NO/NC
Voltage - Supply, Single (V+)	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V
Charge Injection	-20pC	-20pC	-20pC	-20pC
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Crosstalk	-100dB @ 1MHz	-100dB @ 1MHz	-100dB @ 1MHz	-100dB @ 1MHz
Channel-to-Channel Matching (ΔRon)	100mOhm	100mOhm	100mOhm	100mOhm
On-State Resistance (Max)	1.80hm	1.80hm	1.80hm	1.80hm
Switch Time (Ton, Toff) (Max)	150ns, 120ns	150ns, 120ns	150ns, 120ns	150ns, 120ns
Base Product Number	ADG1412	ADG1411	ADG1411	ADG1413
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Leakage (IS(off)) (Max)	550pA	550pA	550pA	550pA
Number of Circuits	4	4	4	4
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)

ADG1412YRUZ-REEL7 Datasheet PDF

Download ADG1412YRUZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for ADG1412YRUZ-REEL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)


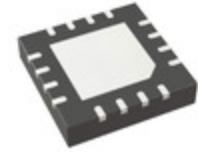

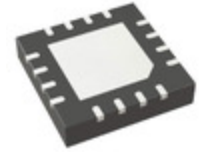
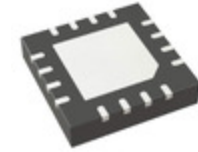





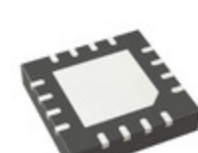
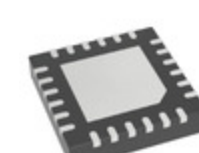






Other Related Documents

[Tape and Reel Packaging.pdf](#)

[Introduction to SPI Interface.pdf](#)

Customers Also Interested in

Recommended Products

					
ADG1411YRUZ Analog Devices Inc. IC SW SPST-NCX4 1.8OHM 16TSSOP	ADG1411YCPZ-REEL7 Analog Devices Inc. IC SW SPST-NCX4 1.8OHM 16LFCSP	ADG1413YRUZ-REEL7 Analog Devices Inc. IC SW SPST-NO/NC 1.8OHM 16TSSOP	ADG1411WBCPZ-REEL Analog Devices Inc. IC SW SPST-NCX4 1.8OHM 16LFCSP	ADG1413YCPZ-REEL7 Analog Devices Inc. IC SW SPST-NO/NCX4 1.8OHM 16CSP	ADG1411YRUZ-REEL7 Analog Devices Inc. IC SW SPST-NCX4 1.8OHM 16TSSOP
					
ADG1414BRUZ-REEL7 Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24TSSOP	ADG1414BCPZ ADI (Analog Devices, Inc.)	ADG1411WBCPZ ADI (Analog Devices, Inc.)	ADG1419BCPZ ADI (Analog Devices, Inc.)	ADG1412YCPZ-REEL7 Analog Devices Inc. IC SW SPST-NOX4 1.8OHM 16LFCSP	ADG1414BCPZ-REEL7 Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24LFCSP
					
ADG1412YCPZ ADI (Analog Devices, Inc.)	ADG1412YRUZ Analog Devices Inc. IC SW SPST-NOX4 1.8OHM 16TSSOP	ADG1413 ADI (Analog Devices, Inc.)	ADG1414BRUZ Analog Devices Inc. IC SW SPST-NOX8 11.5OHM 24TSSOP	ADG1413YRUZ Analog Devices Inc. IC SW SPST-NO/NC 1.8OHM 16TSSOP	ADG1412BCPZ ADI (Analog Devices, Inc.)

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

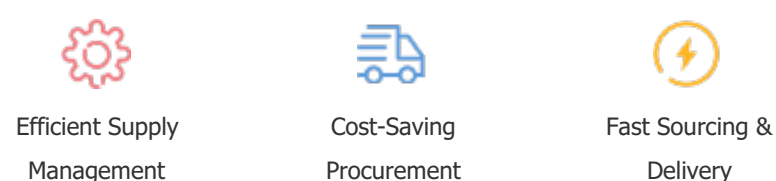
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

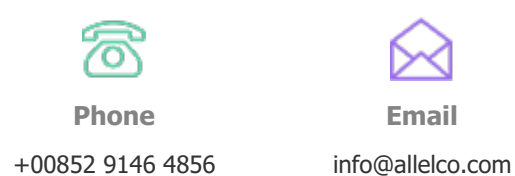
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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Certifications & Memberships



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