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See specifications for product details.



ADG1212YCPZ-500RL7

Manufacturer Part Number	ADG1212YCPZ-500RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG1212YCPZ-500RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SW SPST-NOX4 190OHM 16LFCSP
Package	16-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG1212YCPZ-500RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1212YCPZ-500RL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADG1212YCPZ-500RL7, please send us email: info@allelco.com

Specifications

ADG1212YCPZ-500RL7 Tech Specifications
ADG1212YCPZ-500RL7 - 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)	130ns, 115ns	Current - Leakage (IS(off)) (Max)	100pA
Switch Circuit	SPST - NO	Crosstalk	-90dB @ 1MHz
Supplier Device Package	16-LFCSP (3x3)	Charge Injection	-0.3pC
Series	-	Channel-to-Channel Matching (ΔRon)	2.50hm
Package / Case	16-WFQFN Exposed Pad, CSP	Channel Capacitance (CS(off), CD(off))	1.1pF, 1.2pF
Package	Tape & Reel (TR)	Base Product Number	ADG1212
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	1GHz
On-State Resistance (Max)	1900hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1212YCPZ-500RL7

Product Attribute				
Part Number	ADG1212YCPZ-500RL7	ADG1212YRUZ-REEL	ADG1209YRUZ-REEL7	ADG1209YRZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Multiplexer/Demultiplexer Circuit	1:1	1:1	4:1	4:1
Voltage - Supply, Single (V+)	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V
Crosstalk	-90dB @ 1MHz	-90dB @ 1MHz	-85dB @ 1MHz	-85dB @ 1MHz
Channel Capacitance (CS(off), CD(off))	1.1pF, 1.2pF	1.1pF, 1.2pF	1.5pF, 4.5pF	1.5pF, 4.5pF
Channel-to-Channel Matching (ΔRon)	2.50hm	2.50hm	3.50hm	3.50hm
Number of Circuits	4	4	2	2
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Base Product Number	ADG1212	ADG1212	ADG1209	ADG1209
On-State Resistance (Max)	1900hm	1900hm	2000hm	2000hm
-3db Bandwidth	1GHz	1GHz	550MHz	550MHz
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±5V ~ 16.5V	±5V ~ 16.5V
Package / Case	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Leakage (IS(off)) (Max)	100pA	100pA	100pA	100pA
Switch Time (Ton, Toff) (Max)	130ns, 115ns	130ns, 115ns	95ns, 100ns	95ns, 100ns
Supplier Device Package	16-LFCSP (3x3)	16-TSSOP	16-TSSOP	16-SOIC
Switch Circuit	SPST - NO	SPST - NO	SP4T	SP4T
Charge Injection	-0.3pC	-0.3pC	0.4pC	0.4pC
Series	-	-	-	-

ADG1212YCPZ-500RL7 Datasheet PDF

Download ADG1212YCPZ-500RL7 pdf datasheets and Analog Devices Inc. documentation for ADG1212YCPZ-500RL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Tape and Reel Packaging.pdf](#)

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



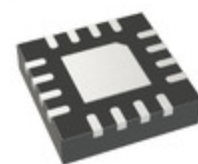
ADG1212YRUZ-REEL
Analog Devices Inc.
IC SW SPST-NOX4 190OHM 16TSSOP



ADG1209YRUZ-REEL7
Analog Devices Inc.
IC SWITCH SP4TX2 200OHM 16TSSOP



ADG1209YRZ-REEL7
Analog Devices Inc.
IC SWITCH SP4T X 2 200OHM 16SOIC



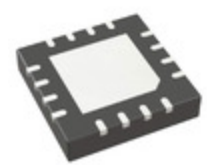
ADG1213YCPZ-500RL7
Analog Devices Inc.
IC SW SPST-NO/NCX4 190OHM 16CSP



ADG1213YRUZ
Analog Devices Inc.
IC SW SPST-NO/NC 190OHM 16TSSOP



ADG1211YRUZ
Analog Devices Inc.
IC SW SPST-NCX4 190OHM 16TSSOP



ADG1209YCPZ-REEL
Analog Devices Inc.
IC SWITCH SP4TX2 200OHM 16LFCSP



ADG1212YRUZ-REEL7
Analog Devices Inc.
IC SW SPST-NOX4 190OHM 16TSSOP



ADG1209YRZ
Analog Devices Inc.
IC SWITCH SP4T X 2 200OHM 16SOIC



ADG1211YRUZ-REEL7
Analog Devices Inc.
IC SW SPST-NCX4 190OHM 16TSSOP



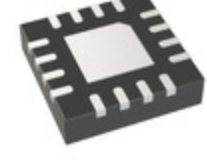
ADG1211YCPZ
ADI (Analog Devices, Inc.)



ADG1213YRUZ-REEL7
Analog Devices Inc.
IC SW SPST-NO/NC 190OHM 16TSSOP



ADG1209YCPZ
ADI (Analog Devices, Inc.)



ADG1212YCPZ-REEL7
Analog Devices Inc.
IC SW SPST-NOX4 190OHM 16LFCSP



ADG1209YRUZ
Analog Devices Inc.
IC SWITCH SP4TX2 200OHM 16TSSOP



ADG1219BRJ-REEL7
ADI (Analog Devices, Inc.)



ADG1219BRJZ
ADI (Analog Devices, Inc.)



ADG1212YRUZ
Analog Devices Inc.
IC SW SPST-NOX4 190OHM 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

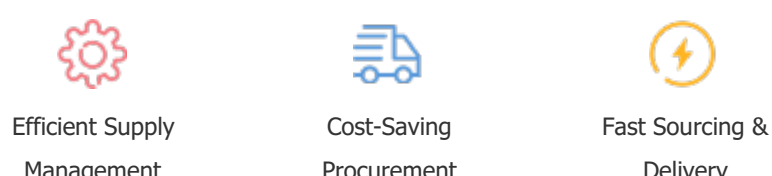
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

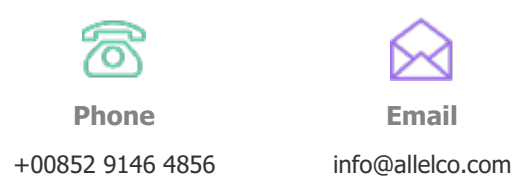
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More

Contact us

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