

Image may be representation.  
See specifications for product details.



## ADG1409YCPZ-REEL7

Manufacturer Part Number	<b>ADG1409YCPZ-REEL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG1409YCPZ-REEL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SP4TX2 4.7OHM 16LFCSP
Package	16-VQFN Exposed Pad, CSP
Data sheet	<b>ADG1408,09.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG1409YCPZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1409YCPZ-REEL7 datasheet/specifications on AllelcoElec.com. Request a quote for ADG1409YCPZ-REEL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG1409YCPZ-REEL7 Tech Specifications  
ADG1409YCPZ-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	4:1
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	120ns, 120ns	Current - Leakage (IS(off)) (Max)	200pA
Switch Circuit	SP4T	Crosstalk	-70dB @ 1MHz
Supplier Device Package	16-LFCSP-VQ (4x4)	Charge Injection	-50pC
Series	-	Channel-to-Channel Matching (ΔRon)	200mOhm
Package / Case	16-VQFN Exposed Pad, CSP	Channel Capacitance (CS(off), CD(off))	14pF, 40pF
Package	Tape & Reel (TR)	Base Product Number	ADG1409
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	115MHz
On-State Resistance (Max)	4.7Ohm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1409YCPZ-REEL7

Product Attribute				
Part Number	ADG1409YCPZ-REEL7	ADG1411WBCPZ-REEL	ADG1408YCPZ-REEL7	ADG1408YRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel Capacitance (CS(off), CD(off))	14pF, 40pF	23pF, 23pF	14pF, 80pF	14pF, 80pF
Voltage - Supply, Single (V+)	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V	5V ~ 16.5V
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
On-State Resistance (Max)	4.7Ohm	1.8Ohm	4.7Ohm	4.7Ohm
Current - Leakage (IS(off)) (Max)	200pA	550pA	200pA	200pA
Package / Case	16-VQFN Exposed Pad, CSP	16-VQFN Exposed Pad, CSP	16-VQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Charge Injection	-50pC	-20pC	-50pC	-50pC
Crosstalk	-70dB @ 1MHz	-100dB @ 1MHz	-70dB @ 1MHz	-70dB @ 1MHz
-3db Bandwidth	115MHz	170MHz	60MHz	60MHz
Series	-	Automotive, ADI0012	-	-
Switch Time (Ton, Toff) (Max)	120ns, 120ns	150ns, 120ns	120ns, 120ns	120ns, 120ns
Base Product Number	ADG1409	ADG1411	ADG1408	ADG1408
Switch Circuit	SP4T	SPST - NC	-	-
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Multiplexer/Demultiplexer Circuit	4:1	1:1	8:1	8:1
Number of Circuits	2	4	1	1
Channel-to-Channel Matching (ΔRon)	200mOhm	100mOhm	200mOhm	200mOhm
Supplier Device Package	16-LFCSP-VQ (4x4)	16-LFCSP-VQ (4x4)	16-LFCSP-VQ (4x4)	16-TSSOP

### ADG1409YCPZ-REEL7 Datasheet PDF

Download ADG1409YCPZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for ADG1409YCPZ-REEL7 - Analog Devices Inc..

#### Datasheets

[ADG1408,09.pdf](#)

#### Other Related Documents

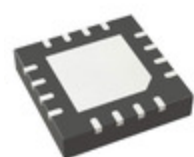
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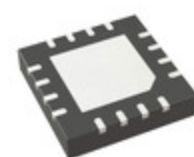
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## Customers Also Interested in

### Recommended Products



**ADG1411WBCPZ-REEL**  
Analog Devices Inc.  
IC SW SPST-NCX4 1.80HM 16LFCSP



**ADG1408YCPZ-REEL7**  
Analog Devices Inc.  
IC MUX 8:1 4.70HM 16LFCSP



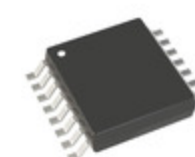
**ADG1411WBCPZ**  
ADI (Analog Devices, Inc.)



**ADG1408YRUZ**  
Analog Devices Inc.  
IC MUX 8:1 4.70HM 16TSSOP



**ADG1411YRUZ-REEL7**  
Analog Devices Inc.  
IC SW SPST-NCX4 1.80HM 16TSSOP



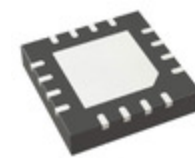
**ADG1409SRU-EP**  
Analog Devices Inc.  
IC SWITCH SP4TX2 4.70HM 16TSSOP



**ADG1409YCPZ**  
ADI (Analog Devices, Inc.)



**ADG1411YRUZ**  
Analog Devices Inc.  
IC SW SPST-NCX4 1.80HM 16TSSOP



**ADG1409SRUZ-EP**  
Analog Devices Inc.  
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**ADG1411YCPZ-REEL7**  
Analog Devices Inc.  
IC SW SPST-NCX4 1.80HM 16LFCSP



**ADG1409YRUZ**  
Analog Devices Inc.  
IC SWITCH SP4TX2 4.70HM 16TSSOP

**ADG1409YRUZ-REEL7**  
Analog Devices Inc.  
IC SWITCH SP4TX2 4.70HM 16TSSOP



**ADG1408YCPZ**  
ADI (Analog Devices, Inc.)



**ADG1408YRUZ-REEL**  
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IC MUX 8:1 4.70HM 16TSSOP



**ADG1408YRUZ-REEL7**  
Analog Devices Inc.  
IC MUX 8:1 4.70HM 16TSSOP



**ADG1408YPC**  
ADI (Analog Devices, Inc.)

**ADG1411RUZ**  
ADI (Analog Devices, Inc.)



**ADG1408SRUZ-EP-RL7**  
Analog Devices Inc.  
IC MUX 8:1 4.70HM 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

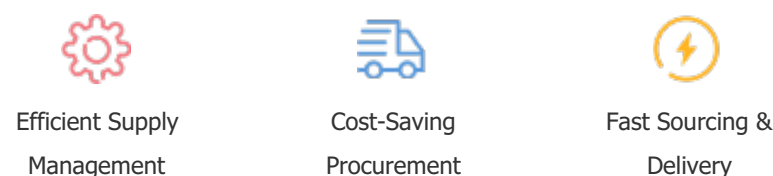
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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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### Contact us

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