

Image may be representation.  
See specifications for product details.



## ADG5208BRUZ

Manufacturer Part Number	<b>ADG5208BRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG5208BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MUX 8:1 160OHM 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>ADG5208/09.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG5208BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG5208BRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG5208BRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG5208BRUZ Tech Specifications

ADG5208BRUZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	1
Voltage - Supply, Single (V+)	9V ~ 40V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±9V ~ 22V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	170ns, 140ns	Current - Leakage (IS(off)) (Max)	100pA
Switch Circuit	-	Crosstalk	-90dB @ 1MHz
Supplier Device Package	16-TSSOP	Charge Injection	0.3pC
Series	-	Channel-to-Channel Matching (ΔRon)	3.50hm
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	2.8pF, 33pF
Package	Tube	Base Product Number	ADG5208
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	60MHz
On-State Resistance (Max)	160Ohm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG5208BRUZ

Product Attribute				
Part Number	ADG5208BRUZ	<a href="#">ADG5204BRUZ-RL7</a>	<a href="#">ADG5212BCPZ-RL7</a>	<a href="#">ADG5208BCPZ-RL7</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Switch Circuit	-	SP4T	SPST - NO	-
Package / Case	16-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)	16-WQFN Exposed Pad, CSP	16-WQFN Exposed Pad, CSP
On-State Resistance (Max)	160Ohm	160Ohm	160Ohm	160Ohm
Voltage - Supply, Single (V+)	9V ~ 40V	9V ~ 40V	9V ~ 40V	9V ~ 40V
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
-3db Bandwidth	60MHz	150MHz	460MHz	60MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ADG5208	ADG5204	ADG5212	ADG5208
Charge Injection	0.3pC	-0.6pC	-0.5pC	0.3pC
Switch Time (Ton, Toff) (Max)	170ns, 140ns	185ns, 175ns	195ns, 165ns	170ns, 140ns
Voltage - Supply, Dual (V±)	±9V ~ 22V	±9V ~ 22V	±9V ~ 22V	±9V ~ 22V
Channel-to-Channel Matching (ΔRon)	3.50hm	4.50hm	1.50hm	3.50hm
Channel Capacitance (CS(off), CD(off))	2.8pF, 33pF	3pF, 26pF	2.8pF, 4.8pF	2.8pF, 33pF
Number of Circuits	1	1	4	1
Multiplexer/Demultiplexer Circuit	8:1	4:1	1:1	8:1
Crosstalk	-90dB @ 1MHz	-80dB @ 1MHz	-105dB @ 1MHz	-90dB @ 1MHz
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Leakage (IS(off)) (Max)	100pA	100pA	100pA	100pA
Series	-	-	-	-
Supplier Device Package	16-TSSOP	14-TSSOP	16-LFCSP-WQ (4x4)	16-LFCSP-WQ (4x4)

### ADG5208BRUZ Datasheet PDF

Download ADG5208BRUZ pdf datasheets and Analog Devices Inc. documentation for ADG5208BRUZ - Analog Devices Inc..

#### Datasheets

[ADG5208/09.pdf](#)

#### PCN Design/Specification

[ADG5208,9 Redesign/Datasheet Update](#)

[ADG5208,9 Revision A 09/Dec/2014.pdf](#)

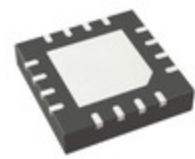
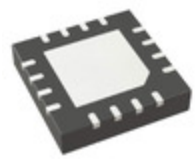
## PCN Assembly/Origin



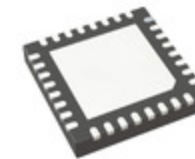
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## Customers Also Interested in

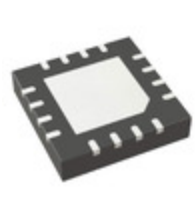
## Recommended Products

**ADG5204BRUZ-RL7**Analog Devices Inc.  
IC SWITCH SP4TX1 160OHM  
14TSSOP**ADG5212BCPZ-RL7**Analog Devices Inc.  
IC SW SPST-NOX4 160OHM 16LFCSP**ADG5208BCPZ-RL7**Analog Devices Inc.  
IC MUX 8:1 160OHM 16LFCSP**ADG5209FBRUZ-RL7**Analog Devices Inc.  
IC SWITCH SP4TX2 160OHM  
16TSSOP**ADG5207BCPZ**

ADI (Analog Devices, Inc.)

**ADG5206BCPZ-RL7**Analog Devices Inc.  
IC MUX 16:1 160OHM 32LFCSP**ADG5209BCPZ**

ADI (Analog Devices, Inc.)

**ADG5209BRUZ-RL7**Analog Devices Inc.  
IC SWITCH SP4TX2 160OHM  
16TSSOP**ADG5206BRUZ-RL7**Analog Devices Inc.  
IC MUX 16:1 160OHM 28TSSOP**ADG5209BRUZ**Analog Devices Inc.  
IC SWITCH SP4TX2 160OHM  
16TSSOP**ADG5208BRUZ-RL7**Analog Devices Inc.  
IC MUX 8:1 160OHM 16TSSOP**ADG5208FBRUZ-RL7**Analog Devices Inc.  
IC MUX 8:1 160OHM 16TSSOP**ADG5207BRUZ-RL7**Analog Devices Inc.  
IC MUX DUAL 8:1 160OHM 28TSSOP**ADG5208FBRUZ**Analog Devices Inc.  
IC MUX 8:1 160OHM 16TSSOP**ADG5208FBCPZ-RL7**Analog Devices Inc.  
IC MUX 8:1 160OHM 16LFCSP**ADG5206BCPZ**

ADI (Analog Devices, Inc.)

**ADG5207BRUZ**Analog Devices Inc.  
IC MUX DUAL 8:1 160OHM 28TSSOP**ADG5206BRUZ**Analog Devices Inc.  
IC MUX 16:1 160OHM 28TSSOP

## 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 &amp; 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 -

Efficient Supply  
ManagementCost-Saving  
ProcurementFast Sourcing &  
Delivery

Contact us if you have any questions.



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## Certifications &amp; Memberships



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