



Image may be representation.
See specifications for product details.



ADG5208BRUZ-RL7

Manufacturer Part Number	ADG5208BRUZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG5208BRUZ-RL7
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	ADG5208/09.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG5208BRUZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG5208BRUZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for ADG5208BRUZ-RL7, please send us email: info@allelco.com

Specifications

ADG5208BRUZ-RL7 Tech Specifications
ADG5208BRUZ-RL7 - 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	Tape & Reel (TR)	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-RL7

Product Attribute				
Part Number	ADG5208BRUZ-RL7	ADG5206BRUZ-RL7	ADG5208FBRUZ	ADG5209BRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Single (V+)	9V ~ 40V	9V ~ 40V	9V ~ 40V	9V ~ 40V
Switch Circuit	-	-	-	SP4T
Channel-to-Channel Matching (ΔRon)	3.50hm	40hm	3.50hm	3.50hm
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Charge Injection	0.3pC	0.45pC	0.3pC	0.4pC
-3db Bandwidth	60MHz	65MHz	60MHz	130MHz
Current - Leakage (IS(off)) (Max)	100pA	100pA	100pA	100pA
Channel Capacitance (CS(off), CD(off))	2.8pF, 33pF	3.3pF, 62pF	2.8pF, 33pF	2.8pF, 17pF
Package / Case	16-TSSOP (0.173", 4.40mm Width)	28-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)
Voltage - Supply, Dual (V±)	±9V ~ 22V	±9V ~ 22V	±9V ~ 22V	±9V ~ 22V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Switch Time (Ton, Toff) (Max)	170ns, 140ns	230ns, 185ns	170ns, 140ns	140ns, 185ns
Supplier Device Package	16-TSSOP	28-TSSOP	16-TSSOP	16-TSSOP
Base Product Number	ADG5208	ADG5206	ADG5208	ADG5209
On-State Resistance (Max)	160Ohm	160Ohm	160Ohm	160Ohm
Multiplexer/Demultiplexer Circuit	8:1	16:1	8:1	4:1
Series	-	-	-	-
Crosstalk	-90dB @ 1MHz	-76dB @ 1MHz	-90dB @ 1MHz	-90dB @ 1MHz
Number of Circuits	1	1	1	2
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube

ADG5208BRUZ-RL7 Datasheet PDF

Download ADG5208BRUZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADG5208BRUZ-RL7 - Analog Devices Inc..


Datasheets


[ADG5208/09.pdf](#)

Other Related Documents


[Tape and Reel Packaging.pdf](#)

PCN Design/Specification

 ADG5208,9 Redesign/Datasheet Update 03/Sep/2014.pdf

 ADG5208,9 Revision A 09/Dec/2014.pdf

PCN Assembly/Origin

 ADG5208,9 Revision B 23/Jul/2015.pdf

Customers Also Interested in

Recommended Products



ADG5206BRUZ-RL7

Analog Devices Inc.
IC MUX 16:1 160OHM 28TSSOP



ADG5208FBRUZ

Analog Devices Inc.
IC MUX 8:1 160OHM 16TSSOP



ADG5209BCPZ

ADI (Analog Devices, Inc.)



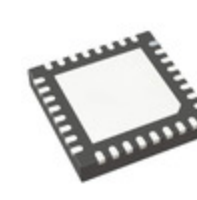
ADG5209BRUZ

Analog Devices Inc.
IC SWITCH SP4TX2 160OHM 16TSSOP



ADG5209BRUZ-RL7

Analog Devices Inc.
IC SWITCH SP4TX2 160OHM 16TSSOP



ADG5206BCPZ-RL7

Analog Devices Inc.
IC MUX 16:1 160OHM 32LFCSP



ADG5207BRUZ

Analog Devices Inc.
IC MUX DUAL 8:1 160OHM 28TSSOP



ADG5206BCPZ

ADI (Analog Devices, Inc.)



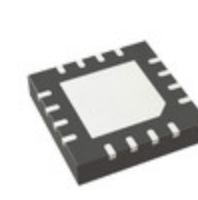
ADG5206BRUZ

Analog Devices Inc.
IC MUX 16:1 160OHM 28TSSOP



ADG5207BCPZ

ADI (Analog Devices, Inc.)



ADG5212BCPZ-RL7

Analog Devices Inc.
IC SW SPST-NOX4 160OHM 16LFCSP



ADG5209FBRUZ-RL7

Analog Devices Inc.
IC SWITCH SP4TX2 160OHM 16TSSOP



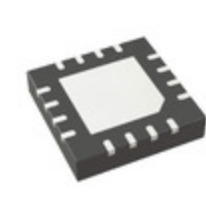
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Analog Devices Inc.
IC SW SPST-NOX4 160OHM 16TSSOP



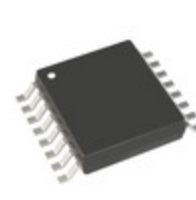
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Analog Devices Inc.
IC MUX DUAL 8:1 160OHM 28TSSOP



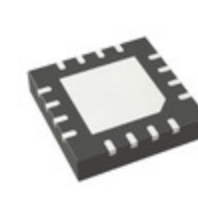
ADG5208FBCPZ-RL7

Analog Devices Inc.
IC MUX 8:1 160OHM 16LFCSP



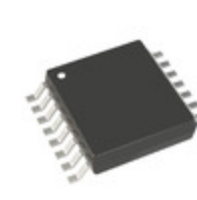
ADG5208FBRUZ-RL7

Analog Devices Inc.
IC MUX 8:1 160OHM 16TSSOP



ADG5208BCPZ-RL7

Analog Devices Inc.
IC MUX 8:1 160OHM 16LFCSP



ADG5208BRUZ

Analog Devices Inc.
IC MUX 8:1 160OHM 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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