

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±)	$\pm 9V \sim 22V$	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)	1600hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG5208BRUZ-RL7

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HeatacharmeAverag Devices Ir.cAverag Devices Ir.cAverage Devices Ir.cVerlage - Supply, Single (V-1)94-40V94-49V94-49V94-40VSwitch CircuitDemonet-to-Channel Matching (Mar)320m40m320m320mOperating Tampentum40m - 129C (TA)40m - 129C (TA)40m - 129C (TA)Operating Tampentum40m - 129C (TA)40m - 129C (TA)40m - 129C (TA)Operating Tampentum0.3pC0.3pC0.3pC0.4pCOperating Tampentum0.3pC0.3pC0.3pC0.4pCOperating Tampentum0.3pC0.3pC0.3pC0.4pCOperating Tampentum0.3pC0.3pC0.3pC0.4pCOperating Tampentum0.3pC0.3pC0.3pC0.4pCOperating Tampentum0.3pC0.3pC0.3pC0.3pCOperating Tampentum0.3pC0.3pC0.3pC0.3pCOperating Tampentum0.3pC0.3pC0.3pC0.3pCOperating Tampentum0.3pC0.3pC0.3pC0.3pCOperating Cisport0.3pC0.3pC0.3pC0.3pCOperating Cisport0.3pC0.3pC0.3pC0.3pCOperating Cisport0.3pC0.3pC0.3pC0.3pCOperating Cisport0.3pC0.3pC0.3pC0.3pCOperating Cisport0.3pC0.3pC0.3pC0.3pCOperating Cisport0.3pC0.3pC0.3pC0.3pCOperating Cisport0.3pC </td <td>Product Attribute</td> <td></td> <td></td> <td></td> <td></td>	Product Attribute					
Nutae-Supply, Single (M)Sie-AdVSie-AdVSie-AdVSie-AdVNutae-Supply, Single (M)Sie-AdVSie-AdVSie-AdVSie-AdVAdvander Advander (M)Sie-AdVAdVander (M)Sie-AdVander (M)Sie-AdVander (M)Advander Advander (M)Sie-AdVander (M)Sie-AdVander (M)Sie-AdVander (M)Sie-AdVander (M)Advander (M)Sie-AdVander (M)Sie-AdVander (M)Sie-AdVander (M)Sie-AdVander (M)Advander (M)Sie-AdVander (M)Sie-AdVander (M)Sie-AdVander (M)Sie-AdVander (M)Advander (M)Sie-AdVander (M)	Part Number	ADG5208BRUZ-RL7	ADG5206BRUZ-RL7	ADG5208FBRUZ	ADG5209BRUZ	
Switch Grand <th< td=""><td>Manufacturer</td><td>Analog Devices Inc.</td><td>Analog Devices Inc.</td><td>Analog Devices Inc.</td><td>Analog Devices Inc.</td></th<>	Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	
Channel-Achaming Channel-Achami	Voltage - Supply, Single (V+)	9V ~ 40V	9V ~ 40V	9V ~ 40V	9V ~ 40V	
Operating Temperature-MCC - 12PC (TA)-MCC - 12PC (TA)	Switch Circuit	-	-	-	SP4T	
Change InjectionDapeDespect<	Channel-to-Channel Matching (ΔRon)	3.50hm	40hm	3.50hm	3.50hm	
- Add BandwidthGMRizGMRizGMRizGMRizGMRizGMRizGMRizGMRizCorrent - Leakage (IS(07)) CD(07)Ga, 3pc, 3pcGa, 6pcGa, 6pc, 3pcGa, 10pcGa, 10pcChannel Capecitance (IS(07)) CD(07)Ga, 3pc, 3pcGa, 5pc, Ga, 10pcGa, 10pcGa, 10pcPeckage / CaseGa, 5pc, G1, 17y, 4, 40mm Walth)Ga, 5pc, G1, 17y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Peckage / CaseGa, 5pc, G1, 17y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Peckage / CaseGa, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Peckage / CaseGa, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Peckage / CaseGa, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Peckage / CaseGa, 5pc, G1, 27y, 4, 40mm WalthGa, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Ga, 5pc, G1, 27y, 4, 40mm Walth)Peckage / CaseGa, 5pc, G1, 27y, 4, 40mm WalthGa, 5pc, G1, 27y, 4, 40mm Walth, 20y, G1, 27y, 40mm	Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	
And Corrent-Lakage (15(47)) (Ana Corrent-Lakage (15(47)) (Ana Corrent-L	Charge Injection	0.3pC	0.45pC	0.3pC	0.4pC	
Construction </td <td>-3db Bandwidth</td> <td>60MHz</td> <td>65MHz</td> <td>60MHz</td> <td>130MHz</td>	-3db Bandwidth	60MHz	65MHz	60MHz	130MHz	
Co(orf)Laspr, 33prLaspr, 33pr <td>Current - Leakage (IS(off)) (Max)</td> <td>100pA</td> <td>100pA</td> <td>100pA</td> <td>100pA</td>	Current - Leakage (IS(off)) (Max)	100pA	100pA	100pA	100pA	
Voltage Supply, Dual (V2)Pay Ca2VSup Ca2VSup Ca2VSup Ca2VMouting TypeSup Ca MoutSup Ca MoutSup Ca MoutSup Ca MoutSystek Time (Ton, Toff) (Max)Sup Ca MoutSup Ca MoutSup Ca MoutSup Ca MoutSupple Devolde Pace (Max)Sup Ca MoutSup Ca MoutSup Ca MoutSup Ca MoutSup Ca MoutSupple Devolde Pace (Max)Sup Ca MoutSup Ca MoutSup Ca MoutSup Ca MoutSup Ca MoutSup Ca MoutBase Product NumberSup Ca MoutSup Ca M		2.8pF, 33pF	3.3pf, 62pF	2.8pF, 33pF	2.8pF, 17pF	
Image: Constant of the second secon	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)	
AutomaticationConstructionConstructionConstructionSwitch Time (Ton, Toff) (Max)Ichns, 140m30m, 185m17m, 140m140m, 185mSupplier Device Package6-15SOP6-15SOP6-15SOP16-15SOPBase Product NumberAbG5208ADG5208ADG5208ADG5209Constate Resistance (Max)6-00hm160hm160hm160hmMultiplexer/Demultiplexer Circuti6-16-16-16-1Series0-08 0.01Hz6-268 0.01Hz6-088 0.01Hz6-088 0.01HzNumber of Circuits11111Number of Circuits11111	Voltage - Supply, Dual (V±)	±9V ~ 22V	±9V ~ 22V	$\pm 9V \sim 22V$	±9V ~ 22V	
Image: ConstructionImage: ConstructionImage: ConstructionSuppler Device Package1675SOP267SOP167SSOPBase Product NumberAbg5208Abg5208Abg5208Abg5209On-State Resistance (Max)100hm100hm100hm100hmMutiplexer/Demultiplexer Circution8:11:11:11:1Series0:01:11:11:11:1Constalk0:01:11:11:11:1Number of Circution1:11:11:11:11:1Number of Circution1:11:11:11:11:1	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount	
Race Product NumberADS208ADS206ADS206ADS209On-State Resistance (Max)160hm160hm160hm160hmMultiplexer/Demultiplexer Circuit8:116:18:18:1SeriesOrestatkNumber of CircuitsNumber of Circuits <th< td=""><td>Switch Time (Ton, Toff) (Max)</td><td>170ns, 140ns</td><td>230ns, 185ns</td><td>170ns, 140ns</td><td>140ns, 185ns</td></th<>	Switch Time (Ton, Toff) (Max)	170ns, 140ns	230ns, 185ns	170ns, 140ns	140ns, 185ns	
On-State Resistance (Max)IoOmIoOmIoOmIoOmMultiplexer/Demultiplexer CircuitSinIoOmIoOmIoOmSeriesOnOne Sin	Supplier Device Package	16-TSSOP	28-TSSOP	16-TSSOP	16-TSSOP	
Multiplexer/Demultiplexer CircuitNo.	Base Product Number	ADG5208	ADG5206	ADG5208	ADG5209	
Series Image: Constalk Image: Co	On-State Resistance (Max)	160Ohm	160Ohm	160Ohm	160Ohm	
Crosstalk -90dB @ 1MHz -76dB @ 1MHz -90dB @ 1MHz -90dB @ 1MHz Number of Circuits 1 - <th -<="" td="" tht<=""><td>Multiplexer/Demultiplexer Circuit</td><td>8:1</td><td>16:1</td><td>8:1</td><td>4:1</td></th>	<td>Multiplexer/Demultiplexer Circuit</td> <td>8:1</td> <td>16:1</td> <td>8:1</td> <td>4:1</td>	Multiplexer/Demultiplexer Circuit	8:1	16:1	8:1	4:1
Number of Circuits 1 1 2	Series	-	-	-	-	
	Crosstalk	-90dB @ 1MHz	-76dB @ 1MHz	-90dB @ 1MHz	-90dB @ 1MHz	
Package Tape & Reel (TR) Tape & Reel (TR) Tube	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

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ADG5208/09.pdf

Other Related Documents

PCN Design/Specification



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

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Customers Also Interested in

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ADG5206BRUZ-RL7 Analog Devices Inc. IC MUX 16:1 1600HM 28TSSOP

ADG5208FBRUZ

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ADG5209BCPZ ADI (Analog Devices, Inc.)

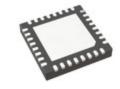


ADG5209BRUZ Analog Devices Inc. IC SWITCH SP4TX2 1600HM 16TSSOP



ADG5209BRUZ-RL7

Analog Devices Inc. IC SWITCH SP4TX2 1600HM 16TSSOP



ADG5206BCPZ-RL7

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ADG5207BCPZ

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ADG5212BCPZ-RL7

Analog Devices Inc. IC SW SPST-NOX4 1600HM 16LFCSP



ADG5208BCPZ-RL7

Analog Devices Inc. IC MUX 8:1 1600HM 16LFCSP



ADG5209FBRUZ-RL7

Analog Devices Inc.

IC SWITCH SP4TX2 1600HM 16TSSOP

ADG5208BRUZ

Analog Devices Inc. IC MUX 8:1 1600HM 16TSSOP



ADG5207BRUZ-RL7

Analog Devices Inc. IC MUX DUAL 8:1 1600HM 28TSSOP



ADG5208FBCPZ-RL7

Analog Devices Inc. IC MUX 8:1 1600HM 16LFCSP



ADG5208FBRUZ-RL7 Analog Devices Inc.

IC MUX 8:1 1600HM 16TSSOP

Shipment

ADG5212BRUZ

Analog Devices Inc.

IC SW SPST-NOX4 1600HM 16TSSOP

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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
Азіа	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

Your Faithful Supply Chain Partner -

Certifications & Memberships

ISO

0001:201 MPP

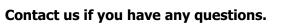


ISO

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









Email

info@allelco.com





ISO

MP

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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong **Phone:** +00852 9146 4856 **Fax:** +00852 3010 8510 Email: info@Allelco.com