



Image may be representation.  
See specifications for product details.



## ADG819BRMZ-REEL7

Manufacturer Part Number	<b>ADG819BRMZ-REEL7</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG819BRMZ-REEL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SPDT X 1 600MOHM 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>ADG819.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG819BRMZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG819BRMZ-REEL7 datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG819BRMZ-REEL7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG819BRMZ-REEL7 Tech Specifications  
ADG819BRMZ-REEL7 - 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+)	1.8V ~ 5.5V	Multiplexer/Demultiplexer Circuit	2:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	45ns, 16ns	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	SPDT	Crosstalk	-72dB @ 100kHz
Supplier Device Package	8-MSOP	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	60mOhm
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Channel Capacitance (CS(off), CD(off))	80pF
Package	Tape & Reel (TR)	Base Product Number	ADG819
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	17MHz
On-State Resistance (Max)	600mOhm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG819BRMZ-REEL7

Product Attribute				
Part Number	ADG819BRMZ-REEL7	ADG822BRMZ	ADG819BRTZ-500RL7	ADG813YRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Charge Injection	20pC	15pC	20pC	30pC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-MSOP	8-MSOP	SOT-23-6	16-TSSOP
Channel Capacitance (CS(off), CD(off))	80pF	85pF, 98pF	80pF	30pF, 35pF
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.65V ~ 3.6V
Switch Time (Ton, Toff) (Max)	45ns, 16ns	45ns, 16ns	45ns, 16ns	25ns, 5ns
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Current - Leakage (IS(off)) (Max)	250pA	250pA	250pA	1nA
Channel-to-Channel Matching (ΔRon)	60mOhm	160mOhm	60mOhm	40mOhm
Crosstalk	-72dB @ 100kHz	-82dB @ 1MHz	-72dB @ 100kHz	-90dB @ 100kHz
Switch Circuit	SPDT	SPST - NC	SPDT	SPST - NO/NC
Voltage - Supply, Dual (V±)	-	-	-	-
On-State Resistance (Max)	600mOhm	600mOhm	600mOhm	650mOhm
Multiplexer/Demultiplexer Circuit	2:1	1:1	2:1	1:1
Base Product Number	ADG819	ADG822	ADG819	ADG813
-3db Bandwidth	17MHz	24MHz	17MHz	90MHz
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SOT-23-6	16-TSSOP (0.173", 4.40mm Width)
Number of Circuits	1	2	1	4
Series	-	-	-	-

### ADG819BRMZ-REEL7 Datasheet PDF

Download ADG819BRMZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for ADG819BRMZ-REEL7 - Analog Devices Inc..

#### Datasheets

[ADG819.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)



8/10L MSOP Products Assembly Transf  
26/Oct/2015.pdf

## Customers Also Interested in

### Recommended Products



**ADG822BRMZ**

Analog Devices Inc.  
IC SW SPST-NCX2 600MOHM 8MSOP



**ADG819BRTZ-500RL7**

Analog Devices Inc.  
IC SWITCH SPDTX1 600MOHM  
SOT23-6



**ADG813YRUZ**

Analog Devices Inc.  
IC SW SPST-NO/NC 650MOHM  
16TSSOP



**ADG819BRMZ**

Analog Devices Inc.  
IC SWITCH SPDT X 1 600MOHM  
8MSOP



**ADG822BRMZ-REEL7**

Analog Devices Inc.  
IC SW SPST-NCX2 600MOHM 8MSOP



**ADG813YCPZ-REEL7**

ADI (Analog Devices, Inc.)



**ADG819BRTZ-REEL7**

ADI (Analog Devices, Inc.)



**ADG812YRU-REEL7**

Analog Devices Inc.  
IC SW SPST-NOX4 650MOHM  
16TSSOP



**ADG821BRMZ-REEL7**

Analog Devices Inc.  
IC SW SPST-NOX2 600MOHM 8MSOP



**ADG821BRM**

Analog Devices Inc.  
IC SW SPST-NOX2 600MOHM 8MSOP



**ADG811YRUZ**

Analog Devices Inc.  
IC SW SPST-NCX4 650MOHM  
16TSSOP



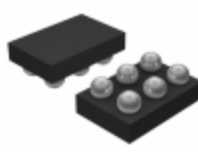
**ADG819BRTZ-REEL7**

Analog Devices Inc.  
IC SWITCH SPDTX1 600MOHM  
SOT23-6



**ADG819BRT-REEL7**

Analog Devices Inc.  
IC SWITCH SPDTX1 600MOHM  
SOT23-6



**ADG819BCBZ-REEL7**

Analog Devices Inc.  
IC SWITCH SPDTX1 600MOHM  
6WLCSP



**ADG812Y**

ADI (Analog Devices, Inc.)



**ADG821BRMZ**

Analog Devices Inc.  
IC SW SPST-NOX2 600MOHM 8MSOP



**ADG812YRUZ-REEL7**

Analog Devices Inc.  
IC SW SPST-NOX4 650MOHM  
16TSSOP



**ADG812YRUZ**

Analog Devices Inc.  
IC SW SPST-NOX4 650MOHM  
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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