

Image may be representation.  
See specifications for product details.



## ADG509FBRNZ

Manufacturer Part Number	<b>ADG509FBRNZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG509FBRNZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SWITCH SP4T X 2 270OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG509FBRNZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG509FBRNZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG509FBRNZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG509FBRNZ Tech Specifications

ADG509FBRNZ - 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+)	15V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	±15V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	230ns, 130ns	Current - Leakage (IS(off)) (Max)	1nA
Switch Circuit	SP4T	Crosstalk	-
Supplier Device Package	16-SOIC	Charge Injection	15pC
Series	-	Channel-to-Channel Matching (ΔRon)	8.10hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	3pF, 12pF
Package	Tube	Base Product Number	ADG509
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	2700hm (Typ)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG509FBRNZ

Product Attribute				
Part Number	ADG509FBRNZ	<b>ADG511BR-REEL7</b>	<b>ADG511BR</b>	<b>ADG509ATQ/883B</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-55°C ~ 125°C
Voltage - Supply, Dual (V±)	±15V	±4.5V ~ 5.5V	±4.5V ~ 5.5V	±10.8V ~ 16.5V
On-State Resistance (Max)	2700hm (Typ)	300hm (Typ)	300hm (Typ)	4500hm
Crosstalk	-	-85dB @ 1MHz	-85dB @ 1MHz	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Charge Injection	15pC	11pC	11pC	4pC
-3db Bandwidth	-	-	-	-
Switch Time (Ton, Toff) (Max)	230ns, 130ns	200ns, 120ns (Typ)	200ns, 120ns (Typ)	300ns, 300ns
Base Product Number	ADG509	ADG511	ADG511	ADG509
Number of Circuits	2	4	4	2
Package	Tube	Tape & Reel (TR)	Tube	Tube
Current - Leakage (IS(off)) (Max)	1nA	100pA	100pA	1nA
Channel Capacitance (CS(off), CD(off))	3pF, 12pF	9pF, 9pF	9pF, 9pF	5pF, 11pF
Switch Circuit	SP4T	SPST - NC	SPST - NC	SP4T
Channel-to-Channel Matching (ΔRon)	8.10hm	-	-	22.50hm (Typ)
Series	-	-	-	-
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-CERDIP
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-CDIP (0.300", 7.62mm)
Multiplexer/Demultiplexer Circuit	4:1	1:1	1:1	4:1
Voltage - Supply, Single (V+)	15V	3V ~ 5.5V	3V ~ 5.5V	10.8V ~ 16.5V

### ADG509FBRNZ Datasheet PDF


Download ADG509FBRNZ pdf datasheets and Analog Devices Inc. documentation for ADG509FBRNZ - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)



















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[Cylindrical Battery Holders.pdf](#)

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>ADG511BR-REEL7</b> Analog Devices Inc. IC SWITCH SPST-NCX4 30OHM 16SOIC	<b>ADG511BR</b> Analog Devices Inc. IC SWITCH SPST-NCX4 30OHM 16SOIC	<b>ADG509ATQ/883B</b> Analog Devices Inc. IC SWITCH SP4TX2 450OHM 16CERDIP	<b>ADG509FBRWZ</b> Analog Devices Inc. IC SWITCH SP4T X 2 270OHM 16SOIC	<b>ADG511BN</b> Analog Devices Inc. IC SWITCH SPST-NCX4 30OHM 16DIP	<b>ADG509FBRNZ-REEL7</b> Analog Devices Inc. IC SWITCH SP4T X 2 270OHM 16SOIC
					
<b>ADG509FBRW</b> Analog Devices Inc. IC MULTIPLEXER DUAL 4X1 16SOIC	<b>ADG511BNZ</b> Analog Devices Inc. IC SWITCH SPST-NCX4 30OHM 16DIP	<b>ADG509FBN</b> Analog Devices Inc. IC MULTIPLEXER DUAL 4X1 16DIP	<b>ADG509ATQ</b> Analog Devices Inc. IC SWITCH SP4TX2 450OHM 16CERDIP	<b>ADG509ATE/883B</b> ADI (Analog Devices, Inc.)	<b>ADG509FBNZ</b> Analog Devices Inc. IC MULTIPLEXER DUAL 4X1 16DIP
					
<b>ADG509ATQ/883</b> ADI (Analog Devices, Inc.)	<b>ADG509AKRZ-REEL7</b> Analog Devices Inc. IC SWITCH SP4T X 2 450OHM 16SOIC	<b>ADG509FBRN</b> Analog Devices Inc. IC SWITCH SP4T X 2 270OHM 16SOIC	<b>ADG511ABR</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	<b>ADG511ABRZ</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	<b>ADG511BRZ</b> Analog Devices Inc. IC SWITCH SPST-NCX4 30OHM 16SOIC

## 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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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### Certifications & Memberships



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### Contact us

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