

Image may be representation.  
See specifications for product details.



## ADG442BRZ

Manufacturer Part Number	<b>ADG442BRZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG442BRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SPST-NOX4 70OHM 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**

ADG442BRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG442BRZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG442BRZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG442BRZ Tech Specifications

ADG442BRZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	4
Voltage - Supply, Single (V+)	12V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±15V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	110ns, 60ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	SPST - NO	Crosstalk	-100dB @ 1MHz
Supplier Device Package	16-SOIC	Charge Injection	1pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	4pF, 4pF
Package	Tube	Base Product Number	ADG442
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	70Ohm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG442BRZ

Product Attribute				
Part Number	ADG442BRZ	<b>ADG441BR</b>	<b>ADG444BRZ</b>	<b>ADG442BR-REEL</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Series	-	-	-	LC <sup>2</sup> MOS
Crosstalk	-100dB @ 1MHz	-100dB @ 1MHz	-100dB @ 1MHz	-
Channel Capacitance (CS(off), CD(off))	4pF, 4pF	4pF, 4pF	4pF, 4pF	-
-3db Bandwidth	-	-	-	-
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	-
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	-
Charge Injection	1pC	1pC	1pC	-
Switch Circuit	SPST - NO	SPST - NC	SPST - NC	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-
Voltage - Supply, Dual (V±)	±15V	±15V	±15V	-
Number of Circuits	4	4	4	-
Package	Tube	Tube	Tube	Bulk
Channel-to-Channel Matching (ΔRon)	-	-	-	-
Voltage - Supply, Single (V+)	12V	12V	12V	-
Base Product Number	ADG442	ADG441	ADG444	ADG442
Switch Time (Ton, Toff) (Max)	110ns, 60ns	110ns, 60ns	110ns, 60ns	-
On-State Resistance (Max)	70Ohm	70Ohm	70Ohm	-
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### ADG442BRZ Datasheet PDF

Download ADG442BRZ pdf datasheets and Analog Devices Inc. documentation for ADG442BRZ - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)





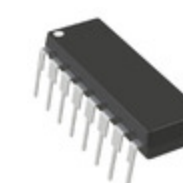













#### PCN Assembly/Origin

[2.73KHz.pdf](#)

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>ADG441BR</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 16SOIC	<b>ADG444BRZ</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 16SOIC	<b>ADG442BR-REEL</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	<b>ADG444BRZ-REEL</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 16SOIC	<b>ADG442BN</b> Analog Devices Inc. IC SWITCH QUAD SPST 16DIP	<b>ADG442BNZ</b> Analog Devices Inc. IC SWITCH SPST-NOX4 700HM 16DIP
					
<b>ADG444BNZ</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 16DIP	<b>ADG441BRZ</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 16SOIC	<b>ADG444BR-REEL</b> ADI (Analog Devices, Inc.)	<b>ADG442BRZ-REEL</b> Analog Devices Inc. IC SWITCH SPST-NOX4 700HM 16SOIC	<b>ADG441BNZ</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 16DIP	<b>ADG442BRZ-ND</b> ADI (Analog Devices, Inc.)
					
<b>ADG442BR</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	<b>ADG444BR</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 16SOIC	<b>ADG444BN</b> Analog Devices Inc. IC SWITCH QUAD SPST 16DIP	<b>ADG451BN</b> Analog Devices Inc. IC SWITCH SPST-NC X 4 50HM 16DIP	<b>ADG441TQ</b> ADI (Analog Devices, Inc.)	<b>ADG441BRZ-REEL</b> Analog Devices Inc. IC SWITCH SPST-NCX4 700HM 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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