

Image may be representation.  
See specifications for product details.



## ADG512BRZ

Manufacturer Part Number	<b>ADG512BRZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG512BRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SPST-NOX4 30OHM 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**

ADG512BRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG512BRZ datasheet/specifications on AllelcoElec.com.  
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### Specifications

ADG512BRZ Tech Specifications

ADG512BRZ - 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+)	3V ~ 5.5V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±4.5V ~ 5.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	200ns, 120ns (Typ)	Current - Leakage (IS(off)) (Max)	100pA
Switch Circuit	SPST - NO	Crosstalk	-85dB @ 1MHz
Supplier Device Package	16-SOIC	Charge Injection	11pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	9pF, 9pF
Package	Tube	Base Product Number	ADG512
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	300hm (Typ)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG512BRZ

Product Attribute				
Part Number	ADG512BRZ	<b>ADG513ABRZ</b>	<b>ADG512BRZ-REEL</b>	<b>ADG511BRZ-REEL7</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Channel-to-Channel Matching (ΔRon)	-	-	-	-
Number of Circuits	4	-	4	4
On-State Resistance (Max)	300hm (Typ)	-	300hm (Typ)	300hm (Typ)
Multiplexer/Demultiplexer Circuit	1:1	-	1:1	1:1
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Voltage - Supply, Dual (V±)	±4.5V ~ 5.5V	-	±4.5V ~ 5.5V	±4.5V ~ 5.5V
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)
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Crosstalk	-85dB @ 1MHz	-	-85dB @ 1MHz	-85dB @ 1MHz
Switch Time (Ton, Toff) (Max)	200ns, 120ns (Typ)	-	200ns, 120ns (Typ)	200ns, 120ns (Typ)
Voltage - Supply, Single (V+)	3V ~ 5.5V	-	3V ~ 5.5V	3V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
-3db Bandwidth	-	-	-	-
Switch Circuit	SPST - NO	-	SPST - NO	SPST - NC
Charge Injection	11pC	-	11pC	11pC
Base Product Number	ADG512	ADG513	ADG512	ADG511
Current - Leakage (IS(off)) (Max)	100pA	-	100pA	100pA
Channel Capacitance (CS(off), CD(off))	9pF, 9pF	-	9pF, 9pF	9pF, 9pF
Series	-	LC <sup>2</sup> MOS	-	-

### ADG512BRZ Datasheet PDF











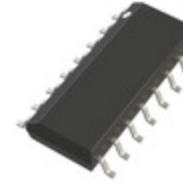
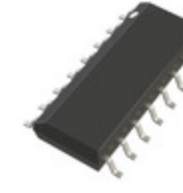




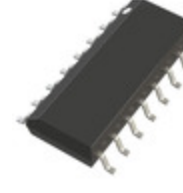

Download ADG512BRZ pdf datasheets and Analog Devices Inc. documentation for ADG512BRZ - Analog Devices Inc..

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

## Recommended Products

 <b>ADG513ABRZ</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	 <b>ADG512BRZ-REEL</b> Analog Devices Inc. IC SWITCH SPST-NOX4 300HM 16SOIC	 <b>ADG511BRZ-REEL7</b> Analog Devices Inc. IC SWITCH SPST-NCX4 300HM 16SOIC	 <b>ADG513BN</b> Analog Devices Inc. IC SWITCH QUAD SPST 16DIP	 <b>ADG512BNZ</b> Analog Devices Inc. IC SWITCH SPST-NOX4 300HM 16DIP	 <b>ADG513BR-REEL7</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC
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 <b>ADG512BR</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	 <b>ADG511BN</b> Analog Devices Inc. IC SWITCH SPST-NCX4 300HM 16DIP	 <b>ADG511BR</b> Analog Devices Inc. IC SWITCH SPST-NCX4 300HM 16SOIC	 <b>ADG511TQ</b> ADI (Analog Devices, Inc.)	 <b>ADG512ABRZ</b> Analog Devices Inc. IC SWITCH QUAD SPST 16SOIC	 <b>ADG513BNZ</b> Analog Devices Inc. IC SW SPST-NO/NCX4 300HM 16DIP

## 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.



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