

Image may be representation.  
See specifications for product details.



## ADG453BRUZ

Manufacturer Part Number	<b>ADG453BRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG453BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SW SPST-NO/NCX4 50HM 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>ADG451-453.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG453BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG453BRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG453BRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG453BRUZ Tech Specifications  
ADG453BRUZ - 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±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	180ns, 140ns	Current - Leakage (IS(off)) (Max)	500pA
Switch Circuit	SPST - NO/NC	Crosstalk	-90dB @ 1MHz
Supplier Device Package	16-TSSOP	Charge Injection	20pC
Series	-	Channel-to-Channel Matching (ΔRon)	100mOhm
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	37pF, 37pF
Package	Tube	Base Product Number	ADG453
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	50hm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG453BRUZ

Product Attribute				
Part Number	ADG453BRUZ	<b>ADG452BR</b>	<b>ADG453BRZ</b>	<b>ADG453BRZ-REEL</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Leakage (IS(off)) (Max)	500pA	500pA	500pA	500pA
Crosstalk	-90dB @ 1MHz	-90dB @ 1MHz	-90dB @ 1MHz	-90dB @ 1MHz
Series	-	-	-	-
On-State Resistance (Max)	50hm	50hm	50hm	50hm
Supplier Device Package	16-TSSOP	16-SOIC	16-SOIC	16-SOIC
Switch Time (Ton, Toff) (Max)	180ns, 140ns	180ns, 140ns	180ns, 140ns	180ns, 140ns
-3db Bandwidth	-	-	-	-
Switch Circuit	SPST - NO/NC	SPST - NO	SPST - NO/NC	SPST - NO/NC
Voltage - Supply, Single (V+)	12V	12V	12V	12V
Multiplexer/Demultiplexer Circuit	1:1	1:1	1:1	1:1
Channel-to-Channel Matching (ΔRon)	100mOhm	100mOhm	100mOhm	100mOhm
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-TSSOP (0.173", 4.40mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Charge Injection	20pC	20pC	20pC	20pC
Package	Tube	Tube	Tube	Tape & Reel (TR)
Number of Circuits	4	4	4	4
Base Product Number	ADG453	ADG452	ADG453	ADG453
Channel Capacitance (CS(off), CD(off))	37pF, 37pF	37pF, 37pF	37pF, 37pF	37pF, 37pF

### ADG453BRUZ Datasheet PDF




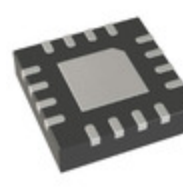













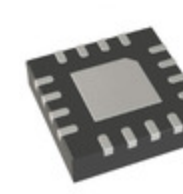
Download ADG453BRUZ pdf datasheets and Analog Devices Inc. documentation for ADG453BRUZ - Analog Devices Inc..

#### Datasheets

ADG451-453.pdf

### Customers Also Interested in

## Recommended Products

 <b>ADG452BR</b> Analog Devices Inc. IC SWITCH SPST-NOX4 50HM 16SOIC	 <b>ADG453BRZ</b> Analog Devices Inc. IC SW SPST-NO/NCX4 50HM 16SOIC	 <b>ADG453BRZ-REEL</b> Analog Devices Inc. IC SW SPST-NO/NCX4 50HM 16SOIC	 <b>ADG4613BCPZ-REEL7</b> Analog Devices Inc. IC SW SPST-NO/NCX4 5.10HM 16CSP	 <b>ADG452BRUZ</b> Analog Devices Inc. IC SWITCH SPST-NOX4 50HM 16TSSOP	 <b>ADG452BRZ-REEL7</b> Analog Devices Inc. IC SWITCH SPST-NOX4 50HM 16SOIC
 <b>ADG4612BRUZ</b> Analog Devices Inc. IC SW SPST-NOX4 5.10HM 16TSSOP	 <b>ADG453BR-REEL7</b> Analog Devices Inc. IC SW SPST-NO/NCX4 50HM 16SOIC	 <b>ADG453BNZ</b> Analog Devices Inc. IC SW SPST-NO/NCX4 50HM 16DIP	 <b>ADG4612BRUZ-REEL7</b> Analog Devices Inc. IC SW SPST-NOX4 5.10HM 16TSSOP		 <b>ADG452BRUZ-REEL7</b> Analog Devices Inc. IC SWITCH SPST-NOX4 50HM 16TSSOP
 <b>ADG453BR</b> Analog Devices Inc. IC SW SPST-NO/NCX4 50HM 16SOIC	 <b>ADG4612BCPZ</b> ADI (Analog Devices, Inc.)	 <b>ADG452BRZ</b> Analog Devices Inc. IC SWITCH SPST-NOX4 50HM 16SOIC	 <b>ADG453BRUZ-REEL7</b> Analog Devices Inc. IC SW SPST-NO/NCX4 50HM 16TSSOP	 <b>ADG453BRZ-REEL7</b> Analog Devices Inc. IC SW SPST-NO/NCX4 50HM 16SOIC	 <b>ADG4612BCPZ-REEL7</b> Analog Devices Inc. IC SW SPST-NOX4 5.10HM 16LFCSP

## 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

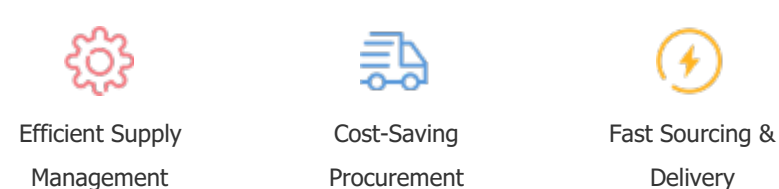
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

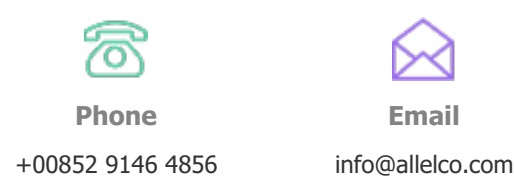
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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