



Image may be representation.  
See specifications for product details.



## ADG1439BRUZ

Manufacturer Part Number	<b>ADG1439BRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG1439BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC SWITCH SP4TX2 11.5OHM 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>20-TSSOP Pkg Drawing.pdf</b> <b>ADG1438,39.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG1439BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1439BRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG1439BRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG1439BRUZ Tech Specifications  
ADG1439BRUZ - 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+)	5V ~ 16.5V	Multiplexer/Demultiplexer Circuit	4:1
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	-	Current - Leakage (IS(off)) (Max)	150pA
Switch Circuit	SP4T	Crosstalk	-70dB @ 1MHz
Supplier Device Package	20-TSSOP	Charge Injection	4pC
Series	-	Channel-to-Channel Matching (ΔRon)	550mOhm
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	9pF, 28pF
Package	Tube	Base Product Number	ADG1439
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	130MHz
On-State Resistance (Max)	11.5Ohm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1439BRUZ

Product Attribute				
Part Number	ADG1439BRUZ	ADG1604BCPZ-REEL7	ADG1604BRUZ-REEL7	ADG1606BRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Leakage (IS(off)) (Max)	150pA	200pA	200pA	150pA
-3db Bandwidth	130MHz	19MHz	19MHz	22MHz
Multiplexer/Demultiplexer Circuit	4:1	4:1	4:1	16:1
Switch Time (Ton, Toff) (Max)	-	95ns, 173ns	95ns, 173ns	128ns, 109ns
Switch Circuit	SP4T	SP4T	SP4T	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
On-State Resistance (Max)	11.5Ohm	1.1Ohm	1.1Ohm	50hm
Base Product Number	ADG1439	ADG1604	ADG1604	ADG1606
Series	-	-	-	-
Channel Capacitance (CS(off), CD(off))	9pF, 28pF	60pF, 270pF	60pF, 270pF	18pF, 240pF
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Charge Injection	4pC	125pC	125pC	33pC
Voltage - Supply, Dual (V±)	±4.5V ~ 16.5V	±3.3V ~ 8V	±3.3V ~ 8V	±3.3V ~ 8V
Channel-to-Channel Matching (ΔRon)	550mOhm	30mOhm	30mOhm	200mOhm
Number of Circuits	2	1	1	1
Voltage - Supply, Single (V+)	5V ~ 16.5V	3.3V ~ 16V	3.3V ~ 16V	3.3V ~ 16V
Supplier Device Package	20-TSSOP	16-LFCSP-VQ (4x4)	14-TSSOP	28-TSSOP
Crosstalk	-70dB @ 1MHz	-70dB @ 1MHz	-70dB @ 1MHz	-62dB @ 1MHz
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package / Case	20-TSSOP (0.173", 4.40mm Width)	16-VQFN Exposed Pad, CSP	14-TSSOP (0.173", 4.40mm Width)	28-TSSOP (0.173", 4.40mm Width)

### ADG1439BRUZ Datasheet PDF

Download ADG1439BRUZ pdf datasheets and Analog Devices Inc. documentation for ADG1439BRUZ - Analog Devices Inc..

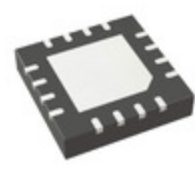
### HTML Datasheet

20-TSSOP Pkg Drawing.pdf

ADG1438,39.pdf

### Customers Also Interested in

## Recommended Products



### ADG1604

ADI (Analog Devices, Inc.)

### ADG1604BCPZ-REEL7

Analog Devices Inc.  
IC SWITCH SP4TX1 1.1OHM 16LFCSP

### ADG1604BRUZ-REEL7

Analog Devices Inc.  
IC SWITCH SP4TX1 1.1OHM 14TSSOP

### ADG1606BRUZ

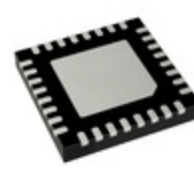
Analog Devices Inc.  
IC MUX 16:1 50HM 28TSSOP

### ADG1438BRUZ-REEL7

Analog Devices Inc.  
IC MUX 8:1 11.5OHM 20TSSOP

### ADG1604BRUZ

Analog Devices Inc.  
IC SWITCH SP4TX1 1.1OHM 14TSSOP



### ADG1436YRUZ-REEL7

Analog Devices Inc.  
IC SWITCH SPDTX2 1.8OHM 16TSSOP

### ADG1436YRUZ

Analog Devices Inc.  
IC SWITCH SPDTX2 1.8OHM 16TSSOP

### ADG1438BCPZ-R

ADI (Analog Devices, Inc.)

### ADG1606BCPZ-REEL7

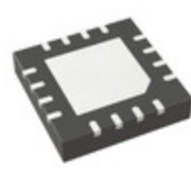
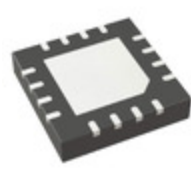
Analog Devices Inc.  
IC MUX 16:1 50HM 32LFCSP

### ADG1606BRUZ-REEL7

Analog Devices Inc.  
IC MUX 16:1 50HM 28TSSOP

### ADG1436YCPZ

ADI (Analog Devices, Inc.)



### ADG1434YRUZ-REEL7

Analog Devices Inc.  
IC SWITCH SPDTX4 4.7OHM 20TSSOP

### ADG1434YRUZ-REEL

Analog Devices Inc.  
IC SWITCH SPDTX4 4.7OHM 20TSSOP

### ADG1604BCPZ-REEL

Analog Devices Inc.  
IC SWITCH SP4TX1 1.1OHM 16LFCSP

### ADG1436YRUZ-REEL7

ADI (Analog Devices, Inc.)

### ADG1436YCPZ-REEL7

Analog Devices Inc.  
IC SWITCH SPDTX2 1.8OHM 16LFCSP

### ADG1439BRUZ-REEL7

Analog Devices Inc.  
IC SWITCH SP4TX2 11.5OHM 20TSSOP

## 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.



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## Certifications & Memberships



View More



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