

Image may be representation.
See specifications for product details.



ADG1612BRUZ

Manufacturer Part Number	ADG1612BRUZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG1612BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SW SPST-NOX4 1.1OHM 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG1612BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG1612BRUZ datasheet/specifications on AllelcoElec.com.
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Specifications

ADG1612BRUZ Tech Specifications

ADG1612BRUZ - 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+)	3.3V ~ 16V	Multiplexer/Demultiplexer Circuit	1:1
Voltage - Supply, Dual (V±)	±3.3V ~ 8V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	156ns, 87ns	Current - Leakage (IS(off)) (Max)	300pA
Switch Circuit	SPST - NO	Crosstalk	-110dB @ 1MHz
Supplier Device Package	16-TSSOP	Charge Injection	170pC
Series	-	Channel-to-Channel Matching (ΔRon)	30mOhm
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	60pF, 60pF
Package	Tube	Base Product Number	ADG1612
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	38MHz
On-State Resistance (Max)	1.10hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG1612BRUZ

Product Attribute				
Part Number	ADG1612BRUZ	ADG1611BCPZ-REEL7	ADG1633BCPZ-REEL7	ADG1613BRUZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Dual (V±)	±3.3V ~ 8V	±3.3V ~ 8V	±3.3V ~ 8V	±3.3V ~ 8V
Base Product Number	ADG1612	ADG1611	ADG1633	ADG1613
Channel Capacitance (CS(off), CD(off))	60pF, 60pF	60pF, 60pF	19pF, 32pF	60pF, 60pF
Crosstalk	-110dB @ 1MHz	-110dB @ 1MHz	-64dB @ 1MHz	-110dB @ 1MHz
Voltage - Supply, Single (V+)	3.3V ~ 16V	3.3V ~ 16V	3.3V ~ 16V	3.3V ~ 16V
Channel-to-Channel Matching (ΔRon)	30mOhm	30mOhm	120mOhm	30mOhm
Switch Circuit	SPST - NO	SPST - NC	SPDT	SPST - NO/NC
Series	-	-	-	-
Supplier Device Package	16-TSSOP	16-LFCSP-VQ (4x4)	16-LFCSP (3x3)	16-TSSOP
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
-3db Bandwidth	38MHz	38MHz	109MHz	38MHz
On-State Resistance (Max)	1.10hm	1.10hm	4.50hm	1.10hm
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	4	4	3	4
Switch Time (Ton, Toff) (Max)	156ns, 87ns	156ns, 87ns	38ns, 152ns	156ns, 87ns
Multiplexer/Demultiplexer Circuit	1:1	1:1	2:1	1:1
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-VQFN Exposed Pad, CSP	16-WFQFN Exposed Pad, CSP	16-TSSOP (0.173', 4.40mm Width)
Current - Leakage (IS(off)) (Max)	300pA	300pA	100pA	300pA
Charge Injection	170pC	170pC	-12.4pC	170pC

ADG1612BRUZ Datasheet PDF

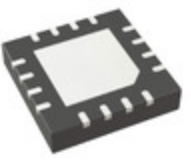
Download ADG1612BRUZ pdf datasheets and Analog Devices Inc. documentation for ADG1612BRUZ - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

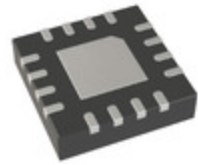
Customers Also Interested in

Recommended Products



ADG1611BCPZ-REEL7

Analog Devices Inc.
IC SW SPST-NCX4 1.1OHM 16LFCSP



ADG1633BCPZ-REEL7

Analog Devices Inc.
IC SWITCH SPDTX3 4.5OHM 16LFCSP



ADG1613BRUZ-REEL

Analog Devices Inc.
IC SW SPST-NO/NC 1.1OHM 16TSSOP



ADG1611BRUZ

Analog Devices Inc.
IC SW SPST-NCX4 1.1OHM 16TSSOP



ADG1609BRUZ-REEL7

Analog Devices Inc.
IC SWITCH SP4TX2 4.5OHM 16TSSOP



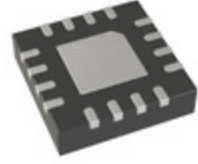
ADG1612BCPZ

ADI (Analog Devices, Inc.)



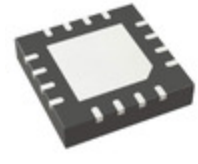
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Analog Devices Inc.
IC SW SPST-NCX4 1.1OHM 16TSSOP



ADG1609BCPZ-REEL7

Analog Devices Inc.
IC SWITCH SP4TX2 4.5OHM 16LFCSP



ADG1613BCPZ-REEL7

Analog Devices Inc.
IC SW SPST-NO/NCX4 1.1OHM 16CSP



ADG1612BRUZ-REEL7

Analog Devices Inc.
IC SW SPST-NOX4 1.1OHM 16TSSOP



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IC SWITCH SP4TX2 4.5OHM 16TSSOP



ADG1611BRUZ-REEL

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IC SW SPST-NCX4 1.1OHM 16TSSOP



ADG1612BRUZ-REEL

Analog Devices Inc.
IC SW SPST-NOX4 1.1OHM 16TSSOP



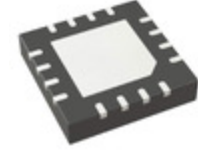
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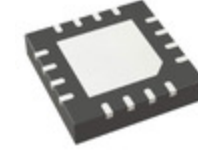
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IC SW SPST-NO/NC 1.1OHM 16TSSOP



ADG1612BCPZ-REEL7

Analog Devices Inc.
IC SW SPST-NCX4 1.1OHM 16LFCSP



ADG1613BCPZ-REEL

Analog Devices Inc.
IC SW SPST-NO/NCX4 1.1OHM 16CSP



ADG1613BRUZ-REEL7

Analog Devices Inc.
IC SW SPST-NO/NC 1.1OHM 16TSSOP

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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Email
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Certifications & Memberships



View More



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