

Image may be representation.  
See specifications for product details.



## ADG738BRUZ

Manufacturer Part Number	<b>ADG738BRUZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-ADG738BRUZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MUX 8:1 4.5OHM 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ADG738BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG738BRUZ datasheet/specifications on AllelcoElec.com.  
Request a quote for ADG738BRUZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADG738BRUZ Tech Specifications

ADG738BRUZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Circuits	1
Voltage - Supply, Single (V+)	2.7V ~ 5.5V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	-	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	20ns, 10ns (Typ)	Current - Leakage (IS(off)) (Max)	100pA
Switch Circuit	-	Crosstalk	-75dB @ 1MHz
Supplier Device Package	16-TSSOP	Charge Injection	3pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	13pF, 85pF
Package	Tube	Base Product Number	ADG738
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	65MHz
On-State Resistance (Max)	4.50hm		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG738BRUZ

Product Attribute				
Part Number	ADG738BRUZ	<b>ADG741BKSZ5-REEL7</b>	<b>ADG736LBRMZ</b>	<b>ADG736BRMZ-REEL7</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	16-TSSOP	SC-70-5	10-MSOP	10-MSOP
Switch Circuit	-	SPST - NO	SPDT	SPDT
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Base Product Number	ADG738	ADG741	ADG736	ADG736
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
On-State Resistance (Max)	4.50hm	30hm	40hm	40hm
Channel Capacitance (CS(off), CD(off))	13pF, 85pF	17pF, 17pF	9pF	9pF
Voltage - Supply, Single (V+)	2.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Voltage - Supply, Dual (V±)	-	-	-	-
Crosstalk	-75dB @ 1MHz	-	-82dB @ 1MHz	-82dB @ 1MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	1	1	2	2
-3db Bandwidth	65MHz	200MHz	200MHz	200MHz
Charge Injection	3pC	5pC	-	-
Package / Case	16-TSSOP (0.173', 4.40mm Width)	5-TSSOP, SC-70-5, SOT-353	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Current - Leakage (IS(off)) (Max)	100pA	250pA	10pA (Typ)	10pA (Typ)
Multiplexer/Demultiplexer Circuit	8:1	1:1	2:1	2:1
Switch Time (Ton, Toff) (Max)	20ns, 10ns (Typ)	12ns, 8ns (Typ)	12ns, 5ns (Typ)	12ns, 5ns (Typ)
Channel-to-Channel Matching (ΔRon)	-	-	100mOhm	100mOhm
Series	-	-	-	-

### ADG738BRUZ Datasheet PDF






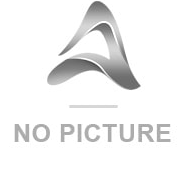







Download ADG738BRUZ pdf datasheets and Analog Devices Inc. documentation for ADG738BRUZ - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>ADG741BKSZ5-REEL7</b>	<b>ADG736LBRMZ</b>	<b>ADG736BRMZ-REEL7</b>	<b>ADG736LBRMZ-REEL7</b>	<b>ADG741BKS-REEL7</b>	<b>ADG736BRM-REEL7</b>
Analog Devices Inc. IC SWITCH SPST-NOX1 30HM SC70-5	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP	Analog Devices Inc. IC SWITCH SPST SC70-6	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP
					
<b>ADG738BRUZ-REEL7</b>	<b>ADG736ARMZ-REEL</b>	<b>ADG741BKSZ-REEL7</b>	<b>ADG736BRM-REEL</b>	<b>ADG739BRUZ</b>	<b>ADG739BRUZ-REEL7</b>
Analog Devices Inc. IC MUX 8:1 4.50HM 16TSSOP		Analog Devices Inc. IC SWITCH SPST-NOX1 30HM SC70-6	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP	Analog Devices Inc. IC SWITCH SP4TX2 4.50HM 16TSSOP	Analog Devices Inc. IC SWITCH SP4TX2 4.50HM 16TSSOP
					
<b>ADG742BKSZ-REEL7</b>	<b>ADG741BKS</b>	<b>ADG736BRMZ-REEL</b>	<b>ADG736BRMZ</b>	<b>ADG741BKSZ-REEL</b>	<b>ADG736BRM</b>
Analog Devices Inc. IC SWITCH SPST-NCX1 30HM SC70-6	ADI (Analog Devices, Inc.)	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP	Analog Devices Inc. IC SWITCH SPST-NOX1 30HM SC70-6	Analog Devices Inc. IC SWITCH SPDT X 2 40HM 10MSOP

## 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

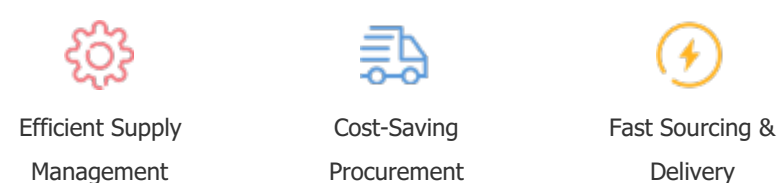
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

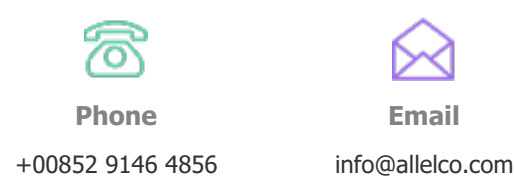
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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