



Image may be representation.
See specifications for product details.



ADG731BSUZ

Manufacturer Part Number	ADG731BSUZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG731BSUZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MUX 32:1 5.50HM 48TQFP
Package	48-TQFP
Data sheet	ADG725,731.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG731BSUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG731BSUZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADG731BSUZ, please send us email: info@allelco.com

Specifications

ADG731BSUZ Tech Specifications

ADG731BSUZ - 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+)	1.8V ~ 5.5V	Multiplexer/Demultiplexer Circuit	32:1
Voltage - Supply, Dual (V±)	±2.5V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	-	Current - Leakage (IS(off)) (Max)	250pA
Switch Circuit	-	Crosstalk	-72dB @ 1MHz
Supplier Device Package	48-TQFP (7x7)	Charge Injection	1pC
Series	-	Channel-to-Channel Matching (ΔRon)	-
Package / Case	48-TQFP	Channel Capacitance (CS(off), CD(off))	13pF, 260pF
Package	Tray	Base Product Number	ADG731
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	18MHz
On-State Resistance (Max)	5.50hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG731BSUZ

Product Attribute				
Part Number	ADG731BSUZ	ADG729BRU	ADG728BRUZ	ADG728BRUZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tray	Tube	Tube	Tape & Reel (TR)
Channel-to-Channel Matching (ΔRon)	-	-	-	-
On-State Resistance (Max)	5.50hm	4.50hm	4.50hm	4.50hm
Voltage - Supply, Dual (V±)	±2.5V	-	-	-
Switch Time (Ton, Toff) (Max)	-	95ns, 85ns (Typ)	95ns, 85ns (Typ)	95ns, 85ns (Typ)
Charge Injection	1pC	3pC	3pC	3pC
Base Product Number	ADG731	ADG729	ADG728	ADG728
Crosstalk	-72dB @ 1MHz	-75dB @ 1MHz	-75dB @ 1MHz	-75dB @ 1MHz
Switch Circuit	-	SP4T	-	-
Series	-	-	-	-
Voltage - Supply, Single (V+)	1.8V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of Circuits	1	2	1	1
-3db Bandwidth	18MHz	100MHz	65MHz	65MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Channel Capacitance (CS(off), CD(off))	13pF, 260pF	13pF, 42pF	13pF, 85pF	13pF, 85pF
Package / Case	48-TQFP	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)
Multiplexer/Demultiplexer Circuit	32:1	4:1	8:1	8:1
Current - Leakage (IS(off)) (Max)	250pA	100pA	100pA	100pA
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	48-TQFP (7x7)	16-TSSOP	16-TSSOP	16-TSSOP

ADG731BSUZ Datasheet PDF

Download ADG731BSUZ pdf datasheets and Analog Devices Inc. documentation for ADG731BSUZ - Analog Devices Inc..

Datasheets

ADG725,731.pdf

Customers Also Interested in

Recommended Products



ADG729BRU

Analog Devices Inc.
IC SWITCH SP4TX2 4.5OHM
16TSSOP



ADG728BRUZ

Analog Devices Inc.
IC MUX 8:1 4.5OHM 16TSSOP



ADG728BRUZ-REEL7

Analog Devices Inc.
IC MUX 8:1 4.5OHM 16TSSOP



ADG733BRUZ

Analog Devices Inc.
IC SWITCH SPDTX3 4.5OHM
16TSSOP



ADG729BRUZ-REEL7

Analog Devices Inc.
IC SWITCH SP4TX2 4.5OHM
16TSSOP



ADG733BRUZ-REEL

Analog Devices Inc.
IC SWITCH SPDTX3 4.5OHM
16TSSOP



ADG733BRQZ-REEL7

Analog Devices Inc.
IC SWITCH SPDT X 3 4.5OHM
16QSOP



ADG726BSUZ-REEL

Analog Devices Inc.
IC MUX DUAL 16:1 5.5OHM 48TQFP



ADG728BRUZ-REEL

Analog Devices Inc.
IC MUX 8:1 4.5OHM 16TSSOP



ADG728BRU

Analog Devices Inc.
IC MUX 8:1 4.5OHM 16TSSOP



ADG729BRUZ

Analog Devices Inc.
IC SWITCH SP4TX2 4.5OHM
16TSSOP



ADG733BRQZ

Analog Devices Inc.
IC SWITCH SPDT X 3 4.5OHM
16QSOP



ADG732BSUZ

Analog Devices Inc.
IC MUX 32:1 5.5OHM 48TQFP



ADG733BRQ

Analog Devices Inc.
IC SWITCH SPDT X 3 4.5OHM
16QSOP



ADG733BRU

Analog Devices Inc.
IC SWITCH SPDTX3 4.5OHM
16TSSOP



ADG733BRU-REEL

Analog Devices Inc.
IC SWITCH TRIPLE SPDT 16TSSOP



ADG732BSUZ-REEL

Analog Devices Inc.
IC MUX 32:1 5.5OHM 48TQFP



ADG728WBRUZ-REEL7

Analog Devices Inc.
IC MUX 8:1 4.5OHM 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.



Phone
+00852 9146 4856



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info@allelco.com

Certifications & Memberships



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