



Image may be representation.
See specifications for product details.



ADG658YRUZ

Manufacturer Part Number	ADG658YRUZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADG658YRUZ
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 8:1 750HM 16TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADG658YRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADG658YRUZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADG658YRUZ, please send us email: info@allelco.com

Specifications

ADG658YRUZ Tech Specifications

ADG658YRUZ - 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+)	2V ~ 12V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±2V ~ 6V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	115ns, 45ns	Current - Leakage (IS(off)) (Max)	200pA
Switch Circuit	-	Crosstalk	-
Supplier Device Package	16-TSSOP	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	1.30hm
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Channel Capacitance (CS(off), CD(off))	4pF, 23pF
Package	Tube	Base Product Number	ADG658
Operating Temperature	-40°C ~ 125°C (TA)	-3db Bandwidth	210MHz
On-State Resistance (Max)	750hm		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADG658YRUZ

Product Attribute				
Part Number	ADG658YRUZ	ADG636YRU	ADG658YRQZ	ADG636YRUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Dual (V±)	±2V ~ 6V	±2.7V ~ 5.5V	±2V ~ 6V	±2.7V ~ 5.5V
Package	Tube	Tube	Tube	Tube
Number of Circuits	1	2	1	2
Supplier Device Package	16-TSSOP	14-TSSOP	16-QSOP	14-TSSOP
Package / Case	16-TSSOP (0.173', 4.40mm Width)	14-TSSOP (0.173', 4.40mm Width)	16-SSOP (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)
Current - Leakage (IS(off)) (Max)	200pA	100pA	200pA	100pA
On-State Resistance (Max)	750hm	1150hm	750hm	1150hm
Switch Time (Ton, Toff) (Max)	115ns, 45ns	135ns, 80ns	115ns, 45ns	135ns, 80ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Charge Injection	2pC	-1.2pC	2pC	-1.2pC
Multiplexer/Demultiplexer Circuit	8:1	2:1	8:1	2:1
Crosstalk	-	-65dB @ 10MHz	-	-65dB @ 10MHz
Channel Capacitance (CS(off), CD(off))	4pF, 23pF	5pF, 8pF	4pF, 23pF	5pF, 8pF
Base Product Number	ADG658	ADG636	ADG658	ADG636
Voltage - Supply, Single (V+)	2V ~ 12V	2.7V ~ 5.5V	2V ~ 12V	2.7V ~ 5.5V
Series	-	-	-	-
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Channel-to-Channel Matching (ΔRon)	1.30hm	20hm	1.30hm	20hm
Switch Circuit	-	SPDT	-	SPDT
-3db Bandwidth	210MHz	610MHz	210MHz	610MHz

ADG658YRUZ Datasheet PDF

Download ADG658YRUZ pdf datasheets and Analog Devices Inc. documentation for ADG658YRUZ - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



ADG636YRU

Analog Devices Inc.
IC SWITCH SPDTX2 1150HM
14TSSOP



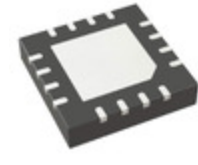
ADG658YRQZ

Analog Devices Inc.
IC MUX 8:1 750HM 16QSOP



ADG636YRUZ

Analog Devices Inc.
IC SWITCH SPDTX2 1150HM
14TSSOP



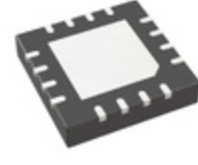
ADG658YCPZ-REEL7

Analog Devices Inc.
IC MUX 8:1 750HM 16LFCSP



ADG659YRQ

Analog Devices Inc.
IC SWITCH SP4T X 2 750HM
16QSOP



ADG659YCPZ

Analog Devices Inc.
IC SWITCH SP4T X 2 750HM
16LFCSP



ADG659WYRUZ-REEL7

Analog Devices Inc.
IC SWITCH SP4T X 2 750HM
16TSSOP



ADG659YRU

Analog Devices Inc.
IC SWITCH SP4T X 2 750HM
16TSSOP



ADG658YRU

Analog Devices Inc.
IC MUX 8:1 750HM 16TSSOP



ADG659YRUZ

Analog Devices Inc.
IC SWITCH SP4T X 2 750HM
16TSSOP



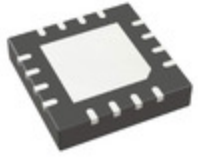
ADG636YRUZ-REEL7

Analog Devices Inc.
IC SWITCH SPDTX2 1150HM
14TSSOP



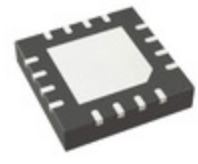
ADG659YRQZ

Analog Devices Inc.
IC SWITCH SP4T X 2 750HM
16QSOP



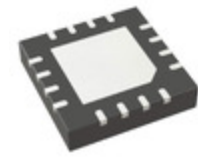
ADG659YCPZ-REEL7

Analog Devices Inc.
IC SWITCH SP4T X 2 750HM
16LFCSP



ADG658YCPZ

Analog Devices Inc.
IC MUX 8:1 750HM 16LFCSP



ADG658YCP

Analog Devices Inc.
IC MULTIPLEXER 8X1 16LFCSP



ADG659YRUZ-REEL

ADI (Analog Devices, Inc.)



ADG658YRUZ-REEL7

Analog Devices Inc.
IC MUX 8:1 750HM 16TSSOP



ADG658YRQZ-REEL7

Analog Devices Inc.
IC MUX 8:1 750HM 16QSOP

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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