

Image may be representation.  
See specifications for product details.



## MAX308ESE

Manufacturer Part Number	<b>MAX308ESE</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX308ESE
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MUX 8:1 100OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX308-09.pdf</b>

**Get a Quote**

MAX308ESE - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX308ESE datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX308ESE, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX308ESE Tech Specifications

MAX308ESE - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Circuits	1
Voltage - Supply, Single (V+)	5V ~ 30V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	150ns, 150ns	Current - Leakage (IS(off)) (Max)	750pA
Switch Circuit	-	Crosstalk	-92dB @ 100kHz
Supplier Device Package	16-SOIC	Charge Injection	2pC
Series	-	Channel-to-Channel Matching (ΔRon)	1.50hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	3pF, 26pF
Package	Tube	Base Product Number	MAX308
Operating Temperature	-40°C ~ 85°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	1000hm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX308ESE

Product Attribute				
Part Number	MAX308ESE	MAX308MJE	MAX308EPE	MAX308CSE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Channel Capacitance (CS(off), CD(off))	3pF, 26pF	3pF, 26pF	3pF, 26pF	3pF, 26pF
Supplier Device Package	16-SOIC	16-CDIP	16-PDIP	16-SOIC
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	8:1
Operating Temperature	-40°C ~ 85°C (TA)	-55°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Switch Time (Ton, Toff) (Max)	150ns, 150ns	150ns, 150ns	150ns, 150ns	150ns, 150ns
Series	-	-	-	-
Package	Tube	Tube	Tube	Tube
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Base Product Number	MAX308	MAX308	MAX308	MAX308
Channel-to-Channel Matching (ΔRon)	1.50hm	1.50hm	1.50hm	1.50hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-CDIP (0.300", 7.62mm)	16-DIP (0.300", 7.62mm)	16-SOIC (0.154", 3.90mm Width)
Voltage - Supply, Single (V+)	5V ~ 30V	5V ~ 30V	5V ~ 30V	5V ~ 30V
Number of Circuits	1	1	1	1
Current - Leakage (IS(off)) (Max)	750pA	750pA	750pA	750pA
Switch Circuit	-	-	-	-
-3db Bandwidth	-	-	-	-
Charge Injection	2pC	2pC	2pC	2pC
On-State Resistance (Max)	1000hm	1000hm	1000hm	1000hm
Voltage - Supply, Dual (V±)	±5V ~ 20V	±5V ~ 20V	±5V ~ 20V	±5V ~ 20V
Crosstalk	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz

## MAX308ESE Datasheet PDF

Download MAX308ESE pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX308ESE - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX308-09.pdf](#)

### Environmental Information


[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

## Part Numbering Guide

 Part Numbering System.pdf

## PCN Obsolescence/ EOL

 Mult Dev OBS 15/Jul/2015.pdf

## Customers Also Interested in

### Recommended Products



#### MAX3093EESE

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/4 16SO



#### MAX308MJE

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16CDIP



#### MAX3089ESD

Analog Devices Inc./Maxim Integrated  
RS-485/RS-422 TRANSCVR



#### MAX308EPE

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16DIP



#### MAX308CSE

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16SOIC



#### MAX3093EESE+T

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/4 16SO



#### MAX308EUE+T

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16TSSOP



#### MAX3093ECSE

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/4 16SO



#### MAX3093ECSE+T

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/4 16SO



#### MAX308CPE+

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16DIP



#### MAX308ESE+T

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16SOIC



#### MAX3093ECSE+

Analog Devices Inc./Maxim Integrated  
IC RECEIVER 0/4 16SO



#### MAX308CUE+

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16TSSOP



#### MAX308CPE

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16DIP



#### MAX3089ESD+

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 1/1 14SOIC



#### MAX308CUE+T

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16TSSOP



#### MAX308CSE+T

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 100OHM 16SOIC



#### MAX3089ESD+T

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 1/1 14SOIC

## 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

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Email

info@allelco.com

## Certifications & Memberships



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