

Image may be representation.  
See specifications for product details.



## MAX338CSE+

Manufacturer Part Number	<b>MAX338CSE+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX338CSE+
ECAD Model	Request Free CAD Models
Parts Description	IC MUX 8:1 400OHM 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX338-39.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX338CSE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX338CSE+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX338CSE+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX338CSE+ Tech Specifications

MAX338CSE+ - 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+)	4.5V ~ 30V	Multiplexer/Demultiplexer Circuit	8:1
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	Mounting Type	Surface Mount
Switch Time (Ton, Toff) (Max)	500ns, 500ns	Current - Leakage (IS(off)) (Max)	20pA
Switch Circuit	-	Crosstalk	-92dB @ 100kHz
Supplier Device Package	16-SOIC	Charge Injection	1.5pC
Series	-	Channel-to-Channel Matching (ΔRon)	40hm
Package / Case	16-SOIC (0.154", 3.90mm Width)	Channel Capacitance (CS(off), CD(off))	3pF, 11pF
Package	Tube	Base Product Number	MAX338
Operating Temperature	0°C ~ 70°C (TA)	-3db Bandwidth	-
On-State Resistance (Max)	400Ohm		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX338CSE+

Product Attribute				
Part Number	MAX338CSE+	MAX338ESE+T	MAX338CSE	MAX338ESE
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
On-State Resistance (Max)	400Ohm	400Ohm	400Ohm	400Ohm
Switch Time (Ton, Toff) (Max)	500ns, 500ns	500ns, 500ns	500ns, 500ns	500ns, 500ns
Charge Injection	1.5pC	1.5pC	1.5pC	1.5pC
Base Product Number	MAX338	MAX338	MAX338	MAX338
Multiplexer/Demultiplexer Circuit	8:1	8:1	8:1	8:1
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)
Channel Capacitance (CS(off), CD(off))	3pF, 11pF	3pF, 11pF	3pF, 11pF	3pF, 11pF
Package	Tube	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
-3db Bandwidth	-	-	-	-
Voltage - Supply, Dual (V±)	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V	±4.5V ~ 20V
Number of Circuits	1	1	1	1
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Channel-to-Channel Matching (ΔRon)	40hm	40hm	40hm	40hm
Voltage - Supply, Single (V+)	4.5V ~ 30V	4.5V ~ 30V	4.5V ~ 30V	4.5V ~ 30V
Switch Circuit	-	-	-	-
Current - Leakage (IS(off)) (Max)	20pA	20pA	20pA	20pA
Series	-	-	-	-
Crosstalk	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz	-92dB @ 100kHz

## MAX338CSE+ Datasheet PDF

Download MAX338CSE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX338CSE+ - Analog Devices Inc./Maxim Integrated.

### Datasheets


[MAX338-39.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

## Part Numbering Guide

 Part Numbering System.pdf

## Application Notes

 Fault-Tolerant Analog Switches.pdf

## Customers Also Interested in

### Recommended Products



#### MAX3390EEUD+T

Analog Devices Inc./Maxim Integrated  
IC TRANSLATOR UNIDIR 14TSSOP



#### MAX338ESE+T

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 400OHM 16SOIC



#### MAX338CSE

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 400OHM 16SOIC



#### MAX3388EEUG

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 3/3 24TSSOP



#### MAX3387EEUG

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 3/3 24TSSOP



#### MAX338ESE

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 400OHM 16SOIC



#### MAX338ESE+

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 400OHM 16SOIC



#### MAX3388ECUG+

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 3/2 24TSSOP



#### MAX3387ECUG+T

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 3/3 24TSSOP



#### MAX3389ECUG

Analog Devices Inc./Maxim Integrated  
RS-232 TRANSCIEVERS



#### MAX3391EEUD

Analog Devices Inc./Maxim Integrated  
DUAL LOW-VOLT LEVEL TRANSLATOR



#### MAX3387EEUG+T

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 3/3 24TSSOP



#### MAX3391EEUD+T

Analog Devices Inc./Maxim Integrated  
IC TRANSLATOR UNIDIR 14TSSOP



#### MAX3391EEUD+

Analog Devices Inc./Maxim Integrated  
IC TRANSLATOR UNIDIR 14TSSOP



#### MAX3387EEUG+

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 3/3 24TSSOP



#### MAX3387ECUG+

Analog Devices Inc./Maxim Integrated  
IC TRANSCIEVER FULL 3/3 24TSSOP



#### MAX338EPE

Analog Devices Inc./Maxim Integrated  
IC MUX 8:1 400OHM 16DIP

## 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
-  Email  
info@allelco.com

### Certifications & Memberships



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