



Image may be representation.  
See specifications for product details.



## MAX488ESA+

Manufacturer Part Number	<b>MAX488ESA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX488ESA+
ECAD Model	Request Free CAD Models
Parts Description	IC TRANSCEIVER FULL 1/1 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MAX481/3/5, MAX487-91, MAX1487.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MAX488ESA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX488ESA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX488ESA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX488ESA+ Tech Specifications  
MAX488ESA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Supply	4.75V ~ 5.25V	Operating Temperature	-40°C ~ 85°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Duplex	Full
Receiver Hysteresis	70 mV	Data Rate	250kbps
Protocol	RS422, RS485	Base Product Number	MAX488
Package / Case	8-SOIC (0.154", 3.90mm Width)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX488ESA+

Product Attribute				
Part Number	MAX488ESA+	MAX488MJA	MAX488EPA	MAX488ESA-T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Protocol	RS422, RS485	RS422, RS485	RS422, RS485	RS422, RS485
Number of Drivers/Receivers	1/1	1/1	1/1	1/1
Data Rate	250kbps	250kbps	250kbps	250kbps
Base Product Number	MAX488	MAX488	-	MAX488
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V
Type	Transceiver	Transceiver	Transceiver	Transceiver
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-55°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C
Duplex	Full	Full	Full	Full
Package	Tube	Tube	Bulk	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-CDIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC	8-CERDIP	8-PDIP	8-SOIC
Receiver Hysteresis	70 mV	70 mV	70 mV	70 mV

### MAX488ESA+ Datasheet PDF

Download MAX488ESA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX488ESA+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX481/3/5, MAX487-91, MAX1487.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

#### Application Notes

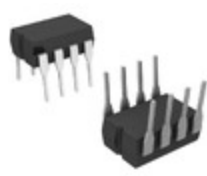
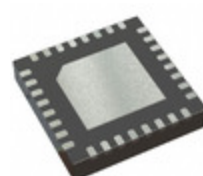
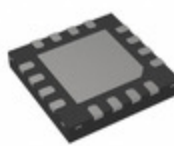
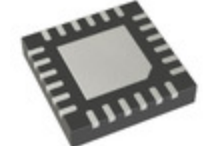
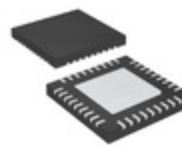
[FAQs about Interface, RS-232, and RS-485 Circuits.pdf](#)

[Oops...Practical ESD Protection vs. Foolhardy Placs.pdf](#)

[ESD Protection for I/O Ports.pdf](#)

### Customers Also Interested in

#### Recommended Products

**MAX488MJA**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8CERDIP**MAX488EPA**Analog Devices Inc./Maxim Integrated  
RS-485/RS-422 TRANSCVR**MAX4890EETJ+T**Analog Devices Inc./Maxim Integrated  
IC ETHERNET SWITCH OCTAL 32TQFN**MAX488ESA-T**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX488ESA**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX488EESA+**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX488EEPA+**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8DIP**MAX488ESA+T**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX488EESA+T**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX4896ATP+T**Analog Devices Inc./Maxim Integrated  
IC PWR DRIVER N-CHAN 1:8 20TQFN**MAX488EESA-T**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX4890ETJ+T**Analog Devices Inc./Maxim Integrated  
IC ETHERNET SWITCH OCTAL 32TQFN**MAX488EESA**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8SOIC**MAX4895EETE+T**Analog Devices Inc./Maxim Integrated  
TVS DEVICE MIXED 16TQFN**MAX4896ETP+**Analog Devices Inc./Maxim Integrated  
IC PWR DRIVER N-CHAN 1:8 20TQFN**MAX4892EETX+**Analog Devices Inc./Maxim Integrated  
IC ETHERNET SWITCH OCTAL 36TQFN**MAX488EEPA**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8DIP**MAX488EPA+**Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 1/1 8DIP

## 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.

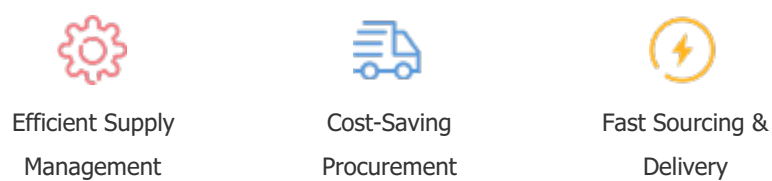
Contact us if you have any questions.

## Payment Support

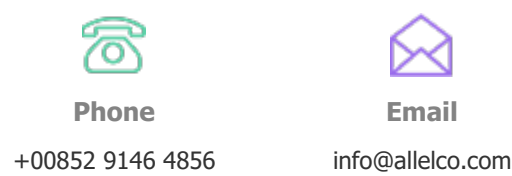
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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info@allelco.com

## Certifications & Memberships



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