



Image may be representation.  
See specifications for product details.



## MAX242EPN

Manufacturer Part Number	<a href="#">MAX242EPN</a>
Manufacturer	<a href="#">Maxim Integrated</a>
Allelco Part Number	32D-MAX242EPN
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC TRANSCEIVER FULL 2/2 18DIP
Package	18-DIP (0.300", 7.62mm)
Data sheet	<a href="#">MAX220-49 Datasheet.pdf</a>

[Get a Quote](#)

MAX242EPN - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX242EPN datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX242EPN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX242EPN Tech Specifications  
MAX242EPN - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Supply	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 85°C
Type	Transceiver	Number of Drivers/Receivers	2/2
Supplier Device Package	18-PDIP	Mounting Type	Through Hole
Series	-	Duplex	Full
Receiver Hysteresis	500 mV	Data Rate	200kbps
Protocol	RS232	Base Product Number	MAX242
Package / Case	18-DIP (0.300", 7.62mm)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX242EPN

Product Attribute				
Part Number	MAX242EPN	<a href="#">MAX242CWN</a>	<a href="#">MAX242EWN</a>	<a href="#">MAX243CPE</a>
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C
Receiver Hysteresis	500 mV	500 mV	500 mV	500 mV
Supplier Device Package	18-PDIP	18-SOIC	18-SOIC	16-PDIP
Base Product Number	MAX242	MAX242	MAX242	MAX243
Protocol	RS232	RS232	RS232	RS232
Package / Case	18-DIP (0.300", 7.62mm)	18-SOIC (0.295", 7.50mm Width)	18-SOIC (0.295", 7.50mm Width)	16-DIP (0.300", 7.62mm)
Series	-	-	-	-
Type	Transceiver	Transceiver	Transceiver	Transceiver
Package	Tube	Tube	Tube	Tube
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Duplex	Full	Full	Full	Full
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Number of Drivers/Receivers	2/2	2/2	2/2	2/2
Data Rate	200kbps	200kbps	200kbps	200kbps

### MAX242EPN Datasheet PDF

Download MAX242EPN pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX242EPN - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX220-49 Datasheet.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

#### Application Notes

[Determining Clock Accuracy Requirements for UART C.pdf](#)

### Customers Also Interested in

#### Recommended Products

**MAX242CWN**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18SOIC

**MAX242EWN**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18SOIC

**MAX243CPE**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 16DIP

**MAX243CSE+T**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 16SOIC

**MAX242EWN+**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18SOIC

**MAX242EWN+T**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18SOIC

**MAX241EWI**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 4/5 28SOIC

**MAX242CPN+**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18DIP

**MAX2420EAI**

Analog Devices Inc./Maxim Integrated  
900MHZ IMAGE-REJECT TRANSCEIVER

**MAX242CWN+**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18SOIC

**MAX241EWI+T**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 4/5 28SOIC

**MAX243CSE**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 16SOIC

**MAX242CWM**

MAXIM

**MAX242EPN+**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18DIP

**MAX242CPN**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18DIP

**MAX242EWN/CWN**

SP

**MAX241EEWI+T**

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 4/5 28SOIC

**MAX24287ETK+**

Microsemi  
IC ETHERN CONV 1GBPS 68TQFN

## 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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