



Image may be representation.  
See specifications for product details.



## ST232ECDR

Manufacturer Part Number	<b>ST232ECDR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ST232ECDR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC TRANSCEIVER FULL 2/2 16SO
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	ST232ECDR.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ST232ECDR - STMicroelectronics.New Original in Stock. Download Linear Technology ST232ECDR datasheet/specifications on AllelcoElec.com.  
Request a quote for ST232ECDR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ST232ECDR Tech Specifications  
ST232ECDR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Supply	4.5V ~ 5.5V	Operating Temperature	0°C ~ 70°C
Type	Transceiver	Number of Drivers/Receivers	2/2
Supplier Device Package	16-SO	Mounting Type	Surface Mount
Series	-	Duplex	Full
Receiver Hysteresis	500 mV	Data Rate	230kbps
Protocol	RS232	Base Product Number	ST232
Package / Case	16-SOIC (0.154", 3.90mm Width)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST232ECDR

Product Attribute				
Part Number	ST232ECDR	ST232EBWR	ST232CTR	ST232EBTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Drivers/Receivers	2/2	2/2	2/2	2/2
Series	-	-	-	-
Receiver Hysteresis	500 mV	500 mV	500 mV	500 mV
Duplex	Full	Full	Full	Full
Data Rate	230kbps	230kbps	220Kbps	230kbps
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Protocol	RS232	RS232	RS232	RS232
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	ST232	ST232	ST232	ST232
Type	Transceiver	Transceiver	Transceiver	Transceiver
Supplier Device Package	16-SO	16-SO	16-TSSOP	16-TSSOP
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-TSSOP (0.173", 4.40mm Width)

### ST232ECDR Datasheet PDF

Download ST232ECDR pdf datasheets and STMicroelectronics documentation for ST232ECDR - STMicroelectronics.

#### PCN Packaging

[Mult Dev Inner Pkg Chg 30/Oct/2019.pdf](#)

[Material Barrier Bag 17/Dec/2020.pdf](#)

#### PCN Assembly/Origin

[Second Source 05/Nov/2021.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>ST232EBWR</b>	<b>ST232ECW</b>	<b>ST232ECD</b>	<b>ST2341A</b>	<b>ST2341M</b>	<b>ST232EBDR.</b>
STMicroelectronics IC TRANSCEIVER FULL 2/2 16SO	STMicroelectronics	STMicroelectronics	STANSON	VBSEMI	STMicroelectronics



**ST2341**  
VBSEMI



**ST2341MS23RG**  
STANSON



**ST232CTR**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16TSSOP



**ST232EBTR**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16TSSOP



**ST232EBN**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16DIP



**ST232EBDR**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16SO



**ST232CW**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16SO



**ST232ECWR**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16SO



**ST232EATR**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16TSSOP



**ST232ECN**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16DIP



**ST232CWR**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16SO



**ST232ECTR**  
STMicroelectronics  
IC TRANSCEIVER FULL 2/2 16TSSOP

## 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
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### Certifications & Memberships



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