



Image may be representation.  
See specifications for product details.



## ST485ABDR

Manufacturer Part Number	<b>ST485ABDR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ST485ABDR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC TRANSCEIVER HALF 1/1 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>ST485AB.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ST485ABDR - STMicroelectronics.New Original in Stock. Download Linear Technology ST485ABDR datasheet/specifications on AllelcoElec.com.  
Request a quote for ST485ABDR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ST485ABDR Tech Specifications  
ST485ABDR - 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	-40°C ~ 85°C
Type	Transceiver	Number of Drivers/Receivers	1/1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Duplex	Half
Receiver Hysteresis	70 mV	Data Rate	50Mbps
Protocol	RS422, RS485	Base Product Number	ST485
Package / Case	8-SOIC (0.154", 3.90mm Width)		

### Parts with Similar Specifications

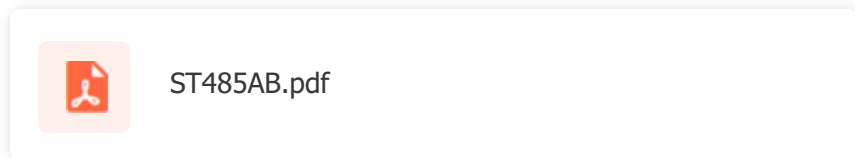
The three parts on the right have similar specifications to STMicroelectronics ST485ABDR

Product Attribute				
Part Number	ST485ABDR	ST485CDR	ST485ABN	ST485BDR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Type	Transceiver	Transceiver	Transceiver	Transceiver
Voltage - Supply	4.5V ~ 5.5V	4.75V ~ 5.25V	4.5V ~ 5.5V	4.75V ~ 5.25V
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C
Duplex	Half	Half	Half	Half
Receiver Hysteresis	70 mV	70 mV	70 mV	70 mV
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Base Product Number	ST485	ST485	ST485	ST485
Protocol	RS422, RS485	RS422, RS485	RS422, RS485	RS422, RS485
Supplier Device Package	8-SOIC	8-SOIC	8-DIP	8-SOIC
Number of Drivers/Receivers	1/1	1/1	1/1	1/1
Data Rate	50Mbps	2.5Mbps	50Mbps	2.5Mbps
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Series	-	-	-	-

### ST485ABDR Datasheet PDF

Download ST485ABDR pdf datasheets and STMicroelectronics documentation for ST485ABDR - STMicroelectronics.

#### HTML Datasheet



### Customers Also Interested in

#### Recommended Products



**ST480MC**  
SENODIA



**ST485ACDR**  
STMicroelectronics



**ST485EBDR.**  
STMicroelectronics



**ST480MB**  
SENODIA



**ST485CDR**  
STMicroelectronics  
IC TRANSCEIVER HALF 1/1 8SO



**ST485ABN**  
STMicroelectronics  
IC TRANSCEIVER HALF 1/1 8DIP



NO PICTURE



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NO PICTURE



NO PICTURE

**ST4614**

STANSON



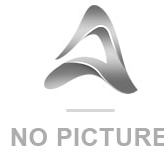
NO PICTURE

**ST480MW**

SENODIA

**ST485C**

STMicroelectronics

**ST485CN**STMicroelectronics  
IC TRANSCEIVER HALF 1/1 8DIP**ST485BDR**STMicroelectronics  
IC TRANSCEIVER HALF 1/1 8SO

NO PICTURE

**ST4606**

VBSEMI

**ST480MC-A**

SENODIA



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**ST485B**

STMicroelectronics

**ST485EBDR**STMicroelectronics  
IC TRANSCEIVER HALF 1/1 8SO**ST485BN**STMicroelectronics  
IC TRANSCEIVER HALF 1/1 8DIP**ST480MF**

SENODIA



NO PICTURE

**ST47P06D**

STANSONTECH

## 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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**ALLELCO LIMITED**  
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