

Single Transmitter/Receiver RS-422/RS-485 8-Pin SO N T/R**Manufacturer:** [STMicroelectronics, Inc](#)**Package/Case:** SOP8**Product Type:** Drivers**RoHS:** RoHS Compliant/Lead free **Lifecycle:** Active

Images are for reference only

[Inquiry](#)**General Description**

The ST3485EB/EC/EI/EIY device is ± 15 kV ESD protected, 3.3 V low power transceiver for RS-485 and RS-422 communications. The device contains one driver and one receiver in half duplex configuration.

The ST3485E device transmits and receives at a guaranteed data rate of at least 12 Mbps.

All transmitter outputs and receiver inputs are protected to ± 15 kV IEC 61000-4-2 air discharge.

The driver is short-circuit current limited and is protected against excessive power dissipation by thermal shutdown circuitry that places the driver outputs into a high impedance state.

Key Features

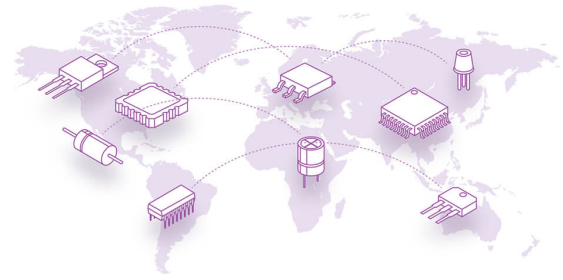
Operate from a single 3.3 V supply - no charge pump required

Interoperable with 5 V logic

1 μ A low current shutdown mode max.

Guaranteed 12 Mbps data rate

Half duplex versions available



Recommended For You

ST8024CDR

STMicroelectronics, Inc

SOP28

ST3485ECDR

STMicroelectronics, Inc

SOP8

STLC3055Q

STMicroelectronics, Inc

QFP44

ST485BDR

STMicroelectronics, Inc

SOP-8

ST8024LCDR

STMicroelectronics, Inc

SOP28

STLC3055QTR

STMicroelectronics, Inc

QFP44

STUSB4761QTR

STMicroelectronics, Inc

QFN

STLC5046

STMicroelectronics, Inc

QFP

E-STLC3055N

STMicroelectronics, Inc

QFP

STUSB1600AQTR

STMicroelectronics, Inc

QFN-24

STUSB03EQR

STMicroelectronics, Inc

QFN-16

STISO621TR

STMicroelectronics, Inc

SOP8

STOTG04ESQTR

STMicroelectronics, Inc

QFN

ST485ABDR

STMicroelectronics, Inc

SOP8

STR485LVQT

STMicroelectronics, Inc

DFN10