

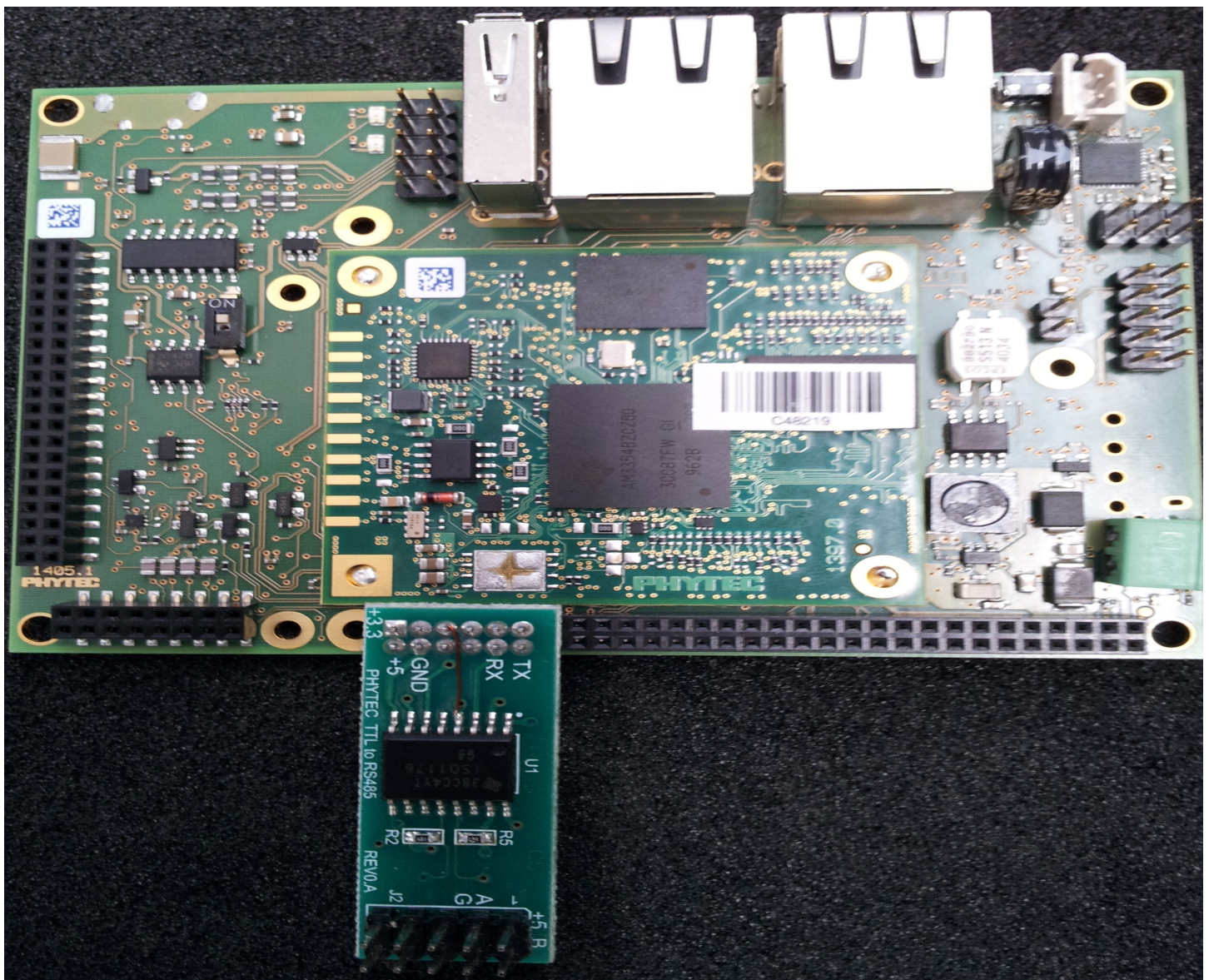
User manual of RS485 Module

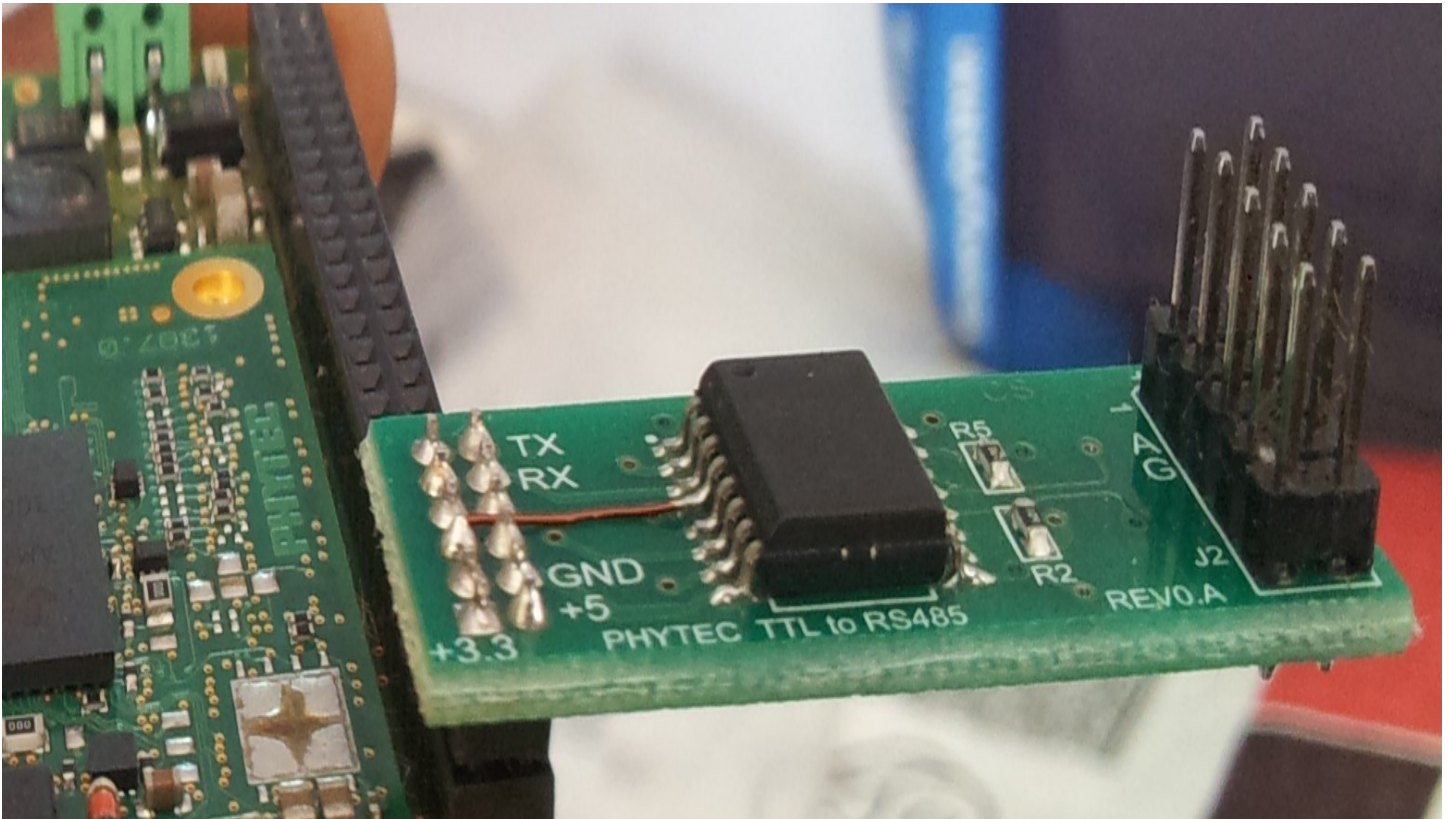
Introduction:

RS485 module includes ISO1176DW chip which convert TTL to RS485 Logic levels for RS485 protocol Communication. It supports Industry-Standard RS485 protocols and uses both 3.3V & 5V power supply. It contains two 6x2 headers to interface UART signals.

How to use:

Before using this module, make sure to give proper supply & connect the module to WEGA board as shown in figure.





6x2 Pin Headers Details:

J1 Pin Header Details:

Pin No	Signal Name	Description
1	Power 3.3V	Power Supply 3.3V
	Power 5V	Power Supply 5V
4	GND	Power GND
5	EN	Enable pin for ISO1176DW IC.
10	TTL RX	TTL RX input
12	TTL TX	TTL TX input

J2 Pin Header Details:

Pin No	Signal Name	Description
1	Power 5V	Power Supply 5V
2	B	RS485 DATA-
3	A	RS485 DATA+
4	GND	Power GND

