## Function description for RS485 communication Raspberry Pi 3 B to Teensy4.0, V1.00 2022-04-18, Armin Rehberger

Example programs for RS485 communication between Raspberry Pi 3 B and Teensy4.0 Communication is started by typing a character in the serial monitor of the Arduino software (Setting with no line end).

## **ASCII Example:**

End character = LineFeed \n Raspberry: A\_RS485.py Teensy: A\_RS485\_Teensy.ino

## **Decimal Example:**

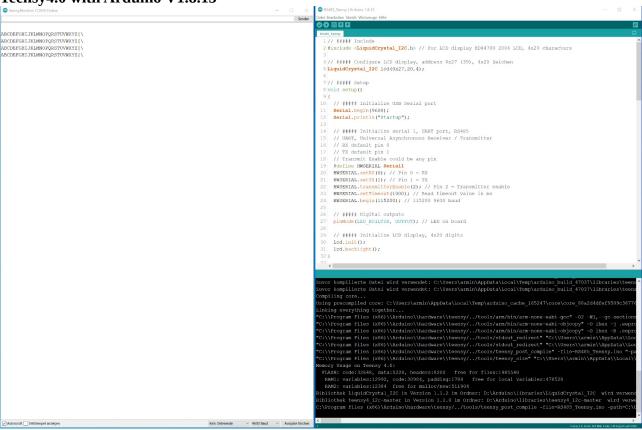
Communicates a fixed amount of Bytes.

Last two Bytes are usede for CRC16 checksum.

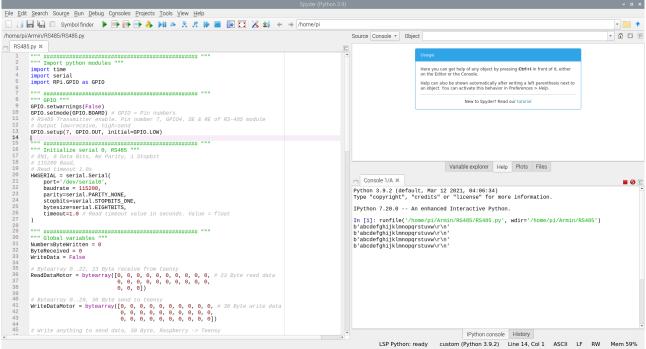
Raspberry: B\_RS485.py

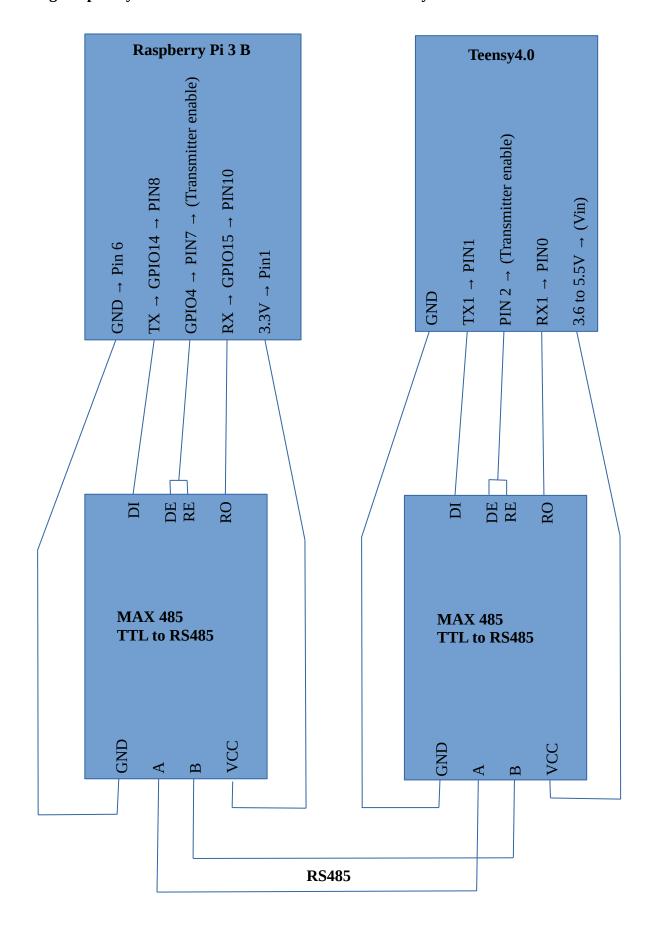
Teensy: B\_RS485\_Teensy.ino

Teensy4.0 with Arduino V1.8.15



Raspberry Pi 3 B with Spyder V4.2.1 Python 3.9.2





## Settings serial port Raspberry Pi 3 B with Linux11 (bullseye)

Open a terminal and type sudo raspi-config

