



Name: **Serial Adapter RS232/TTL 3-5,5V**  
 Code: **MR002-001.2**

Using a MAX3232C transceiver, this serial adapter can operate with 3,3V and 5V digital signals (it also accepts 5V logic inputs with 3,3V supply). It meets the requirements of TIA/EIA-232-F and provides the electrical interface between an asynchronous communication controller and the serial port connector mounted on PCs.

This device operates at data signaling rates up to 250kbit/s, and it has a ±15kV ESD protection.

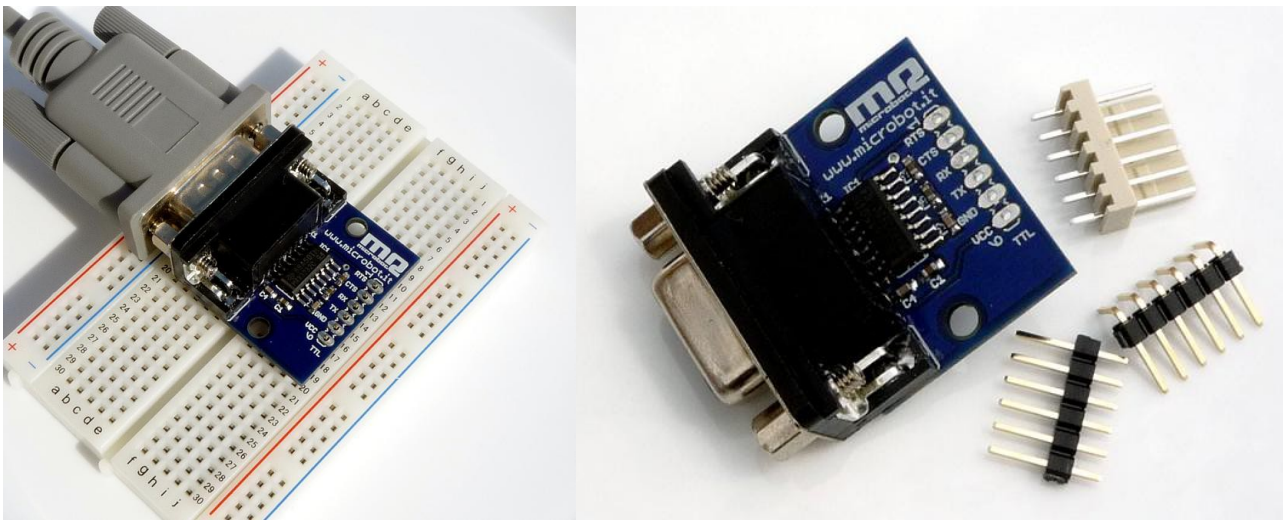
Besides TX and RX signals, CTS and RTS are also available for handshaking procedures (see table 2).

The board is furnished with 3 different types of connectors; this gives you the possibility to interface your PC with different kinds of peripherals.

### ***SPECIFICATIONS***

Supply voltage	3 - 5,5V
Supply current	0,3mA typ. (1mA max.)
Serial standard	TIA/EIA-232-F
Data I/O voltage	3 - 5,5V
Dimensions	31x35x11mm (connector and pins included)
Weight	11g / 0,39oz
Operating temperature	0 - 70°C
Connector	DB9 female

***Tab.1 - Specifications***



## **CONNECTIONS**

RTS	“Ready To Send” control output
CTS	“Clear To Send” control input
RX	Asynchronous serial data receive
TX	Asynchronous serial data transmit
GND	Ground
VCC	Supply voltage (3 – 5,5V)

**Tab.2 - Connections**