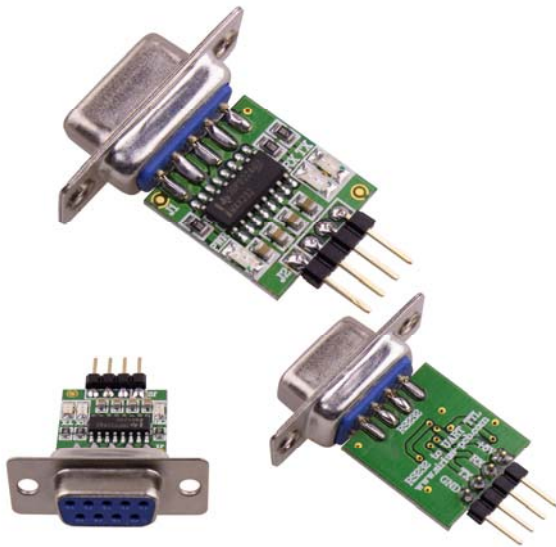


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USB to UART TTL

№100852



The device is a universal converter from RS232 interface to UART TTL. Connection parameters can be set on an operating system at speed: from 110bps to 921600bps.

It is applicable for synchronized data communication between RS232 devices and logic level TTL devices with different microcontrollers such as PIC, Atmel and other with TTL serial connection. For communication between microcontrollers with maximum distance up to 300m.

Specifications

- Communication interface: **RS232 to UART TTL**
- 3-Wire connection by RS232:
 - DB9 Female (pin2-**RxD**, pin3-**TxD**, pin5-**GND**)
- Pin header for **UART TTL RX, TX** and for input supply voltage
- Serial Speed: from **110bps** up to **921600bps**
- Supply Voltage **DC 5V**
- LED indication for **PWR** supply voltage
- LED indication for **RX, TX** receiving and transmission
- PCB Size: **20mm x 19mm**

Description

- socket **J1 - RS232 Female**
 - pin2 (**RxD**) RS232 output
 - pin3 (**TxD**) RS232 input
 - pin5 (**GND**) ground
- pin header **J2 - 4pin header**
 - **+5** – Supply voltage 5V DC
 - **RX** – UART input
 - **TX** – UART output
 - **GND** – ground 0V

Signalling:

- red LED (**PWR**) – power supply is on
- green LED (**RX**) – turns off when receiving data
- yellow LED (**TX**) – turns on when sending data

Device Connection Diagram

