

USB UART

The USB UART additional board is used to connect USB devices to the UART module built into the microcontroller.

Key features:

- Serial data transfer via UART communication;
- 5V DC power supply voltage;
- Low power consumption; etc.

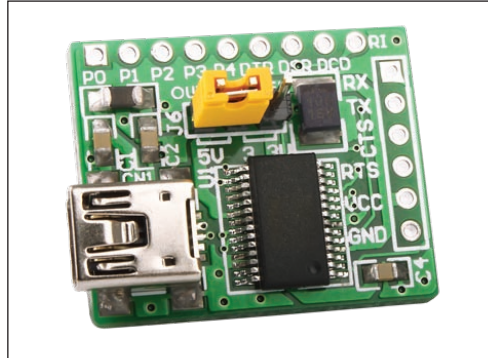


Figure 1: USB UART additional board

How to connect the board?

The USB UART additional board is connected to USB devices via the USB MINIB connector CN1. Connection with the microcontroller is established via a 1x6 connector CN2 and 1x9 connector CN3. Jumper J6 is used to select a logic level to be sent to the VCCIO pin on 1x6 connector CN2. This logic level may be 3.3V or 5V.

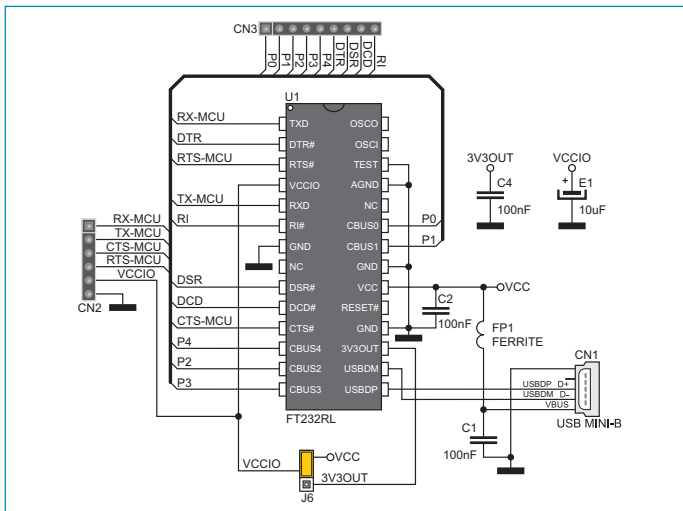


Figure 3: USB UART additional board connection schematic

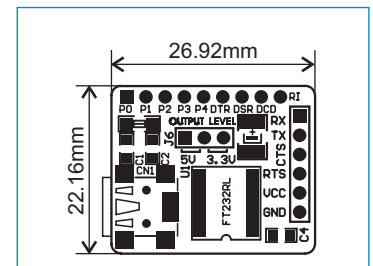


Figure 4: Dimensions of the board