

Hardware User Manual

RS232-UART Converter

...maximum performance at minimum space

Contact

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Information

For further information on technology, delivery terms and conditions and prices please contact Bluetechnix (<http://www.bluetechnix.com>).

Warning

Due to technical requirements components may contain dangerous substances.

The Core Modules and development systems contain ESD (electrostatic discharge) sensitive devices. Electro-static charges readily accumulate on the human body and equipment and can discharge without detection. Permanent damage may occur on devices subjected to high-energy discharges. Proper ESD precautions are recommended to avoid performance degradation or loss of functionality. Unused Core Modules and Development Boards should be stored in the protective shipping



1 Introduction

The RS232-UART-Converter is a tiny tool to connect the UART of a microcontroller to a RS232.

Functions:

- Supports RxD, TxD
- Baud Rates: up to 460 kbps.

RS232-UART-Converter

On the solderpads you can solder wires on RXD, TXD, GND and 3.3V.

1.1 Top View

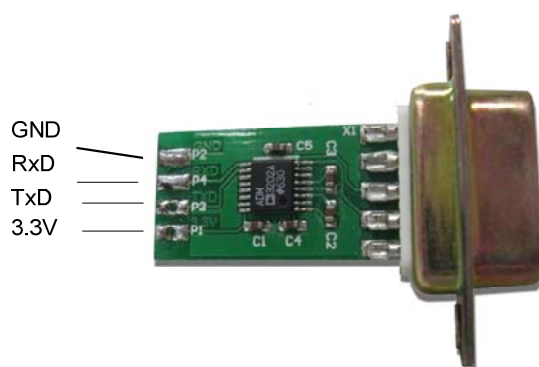


Figure 1-1: RS232-UART Converter Top View

1.2 Bottom View

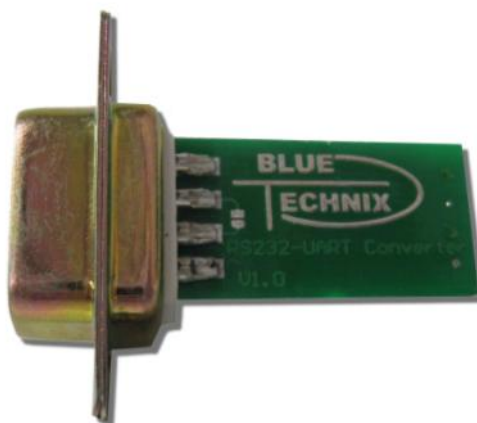


Figure 1-2: RS232-UART Converter Bottom View

The solder jumper on bottom side is to shortcut the RTS and CTS line if needed.

1.3 Electrical Characteristics

Voltage on any I/O Pin with respect to GND max 5.0 V

Input High Voltage min 2.0V

Input Low Voltage max 0.8 V

2 Product Changes

For the latest information regarding product changes, please consult the product homepage: www.bluetechnix.com

Version	Changes
V1.0	First Release

Table 2-1: Product Changes

3 Document Revision History

Version	Date	Document Revision
1	2009-10-02	First Version

Table 3-1: Revision History