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TTL – RS232 Converter

Introduction

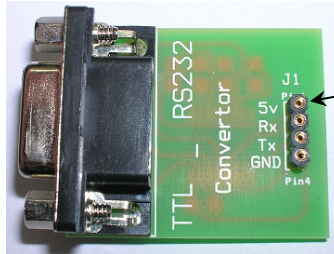
The TTL - RS232 Converter is a serial port communication device between TTL devices and the personal computer.

Specification

Input voltage: 5VDC

Outputs: RS232 and TTL

Recommended wire size:
AWG28 single core



Pin Assignment:

- Pin1 - 5V input
- Pin2 - Rx
- Pin3 - Tx
- Pin4 - Ground

Sample application using Basic Stamp

- 1) Connect 5VDC to Pin1. Connect Pin4 to Ground.
- 2) Connect Pin2(Rx) to P1 on the Stamp.
Connect Pin3(Tx) to P0 on the Stamp.
- 3) Type the following code into Basic Stamp Editor and download it into the Stamp.

Applications

- PC Based Projects
- Robotic Control
- PC - Microcontroller Interface

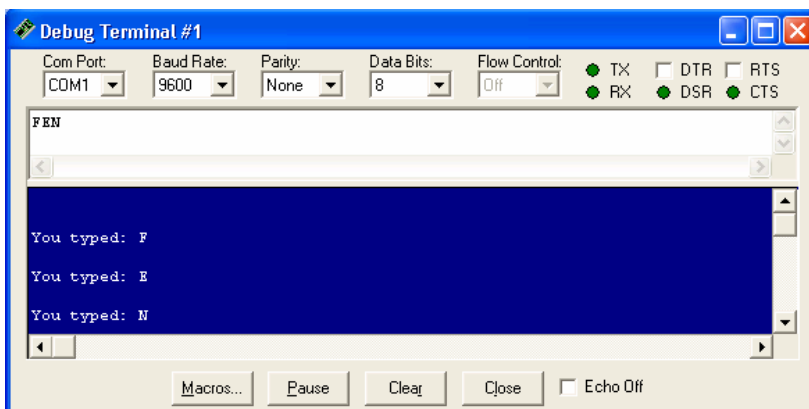
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' {$STAMP BS2}
char VAR Byte

DO
  SERIN 1, 84, [char]           'Basic Stamp receives char from PC through Pin1
  SEROUT 0, 84, [10, 13, "You typed: ", char] 'Basic Stamp transmit string to PC
LOOP

```

- 4) Connect Serial Port to the Converter.
- 5) Run the Debug Terminal and change the Baud rate, Parity and Data bits as follows.
- 6) Select Com Port accordingly.



Type input here

Output will be displayed here