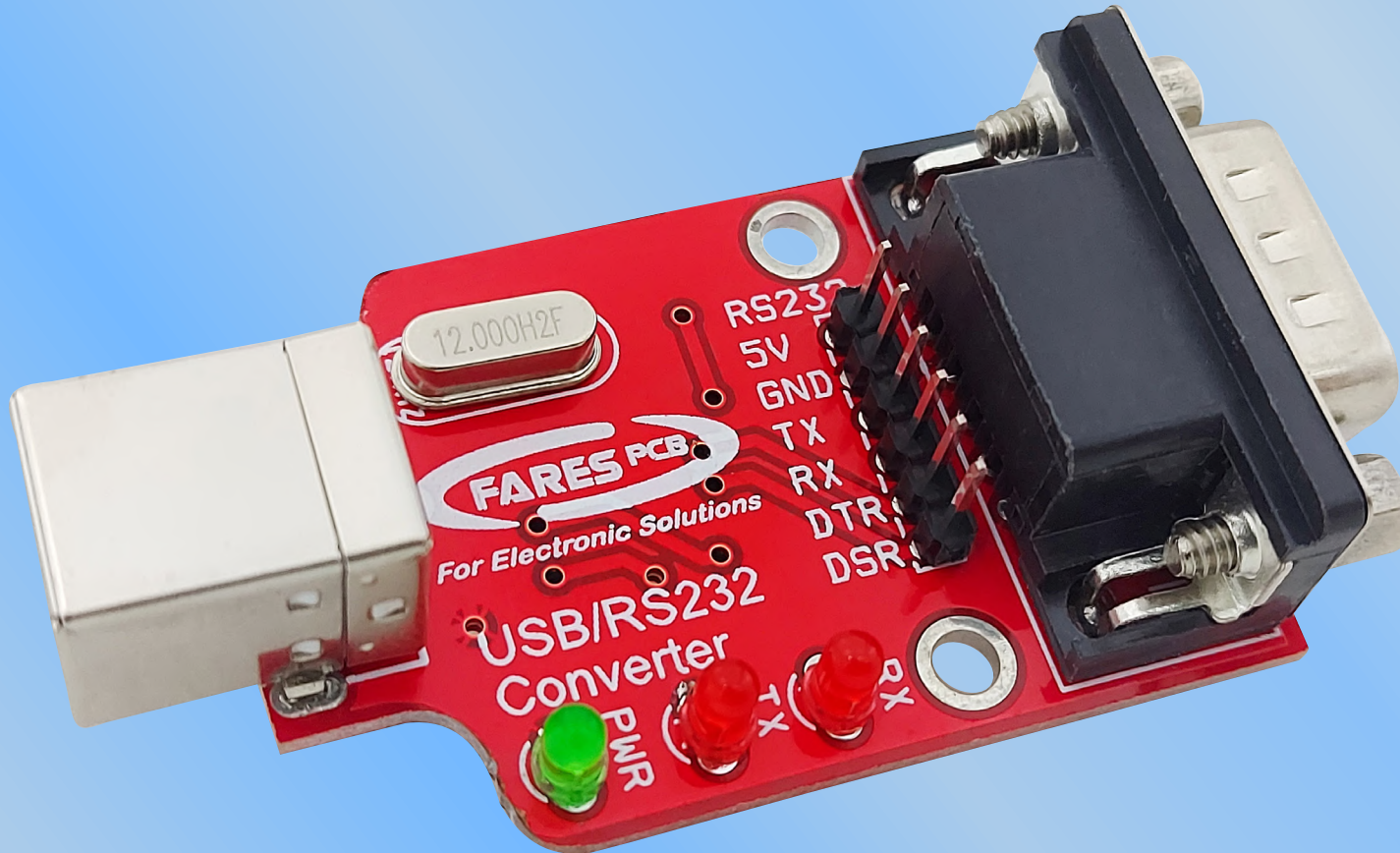




USB to RS232 Serial Module (CH340)

General Description

This USB to RS232 converter is based on CH340 USB to serial IC. It provides a virtual serial port over USB 2.0 port. Serial signals are provided in RS232 level to both header pins and standard DB9 male socket. Once you have installed the drivers the module will appear as a normal serial COM port on your computer making it compatible with most terminal programs and development environments.



Features

- Provides virtual serial port over USB2.0 port.
- Supports Win7, Win8, Win64/32 10Bit.
- B-type socket Full speed 2.0 USB interface.
- Supports up to 2Mbps baud rates.
- RS232 signals are provided to both pin header and Standard DB9 socket for flexibility.
- Self-powered from USB 5V.
- Supports Rx, Tx, DTR, and DSR signals.
- Red LEDs indicator for Rx and Tx signals.
- Green LED for power status.
- 5V from USB is available to header pin for supplying external devices (100mA MAX).
- Two 3mm mounting holes for easy installation.
- Dimensions: 64 X 33 X 19 mm.

Module Elements

Pin header male

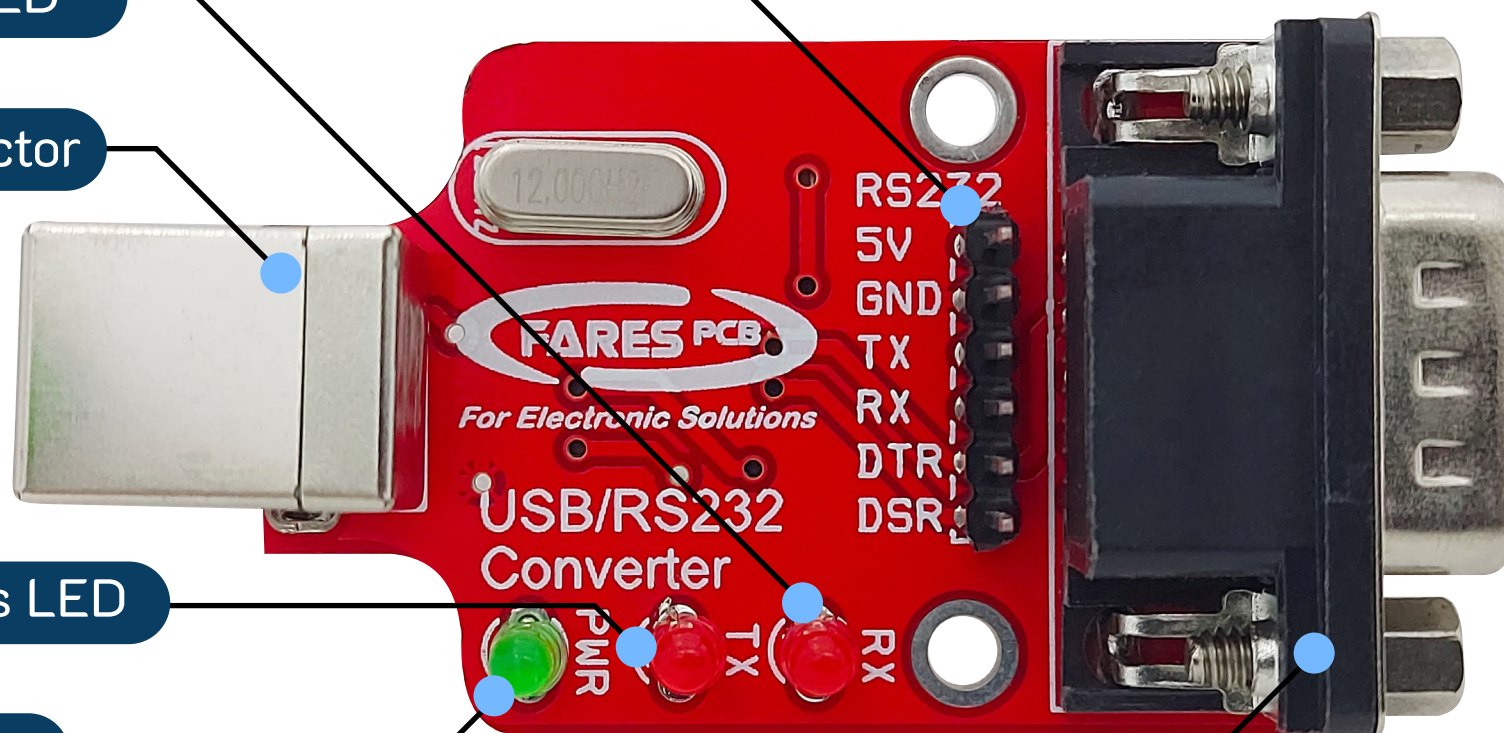
Receiving status LED

USB B-type connector

Transmitting status LED

Power indicator LED

DB9-male connector

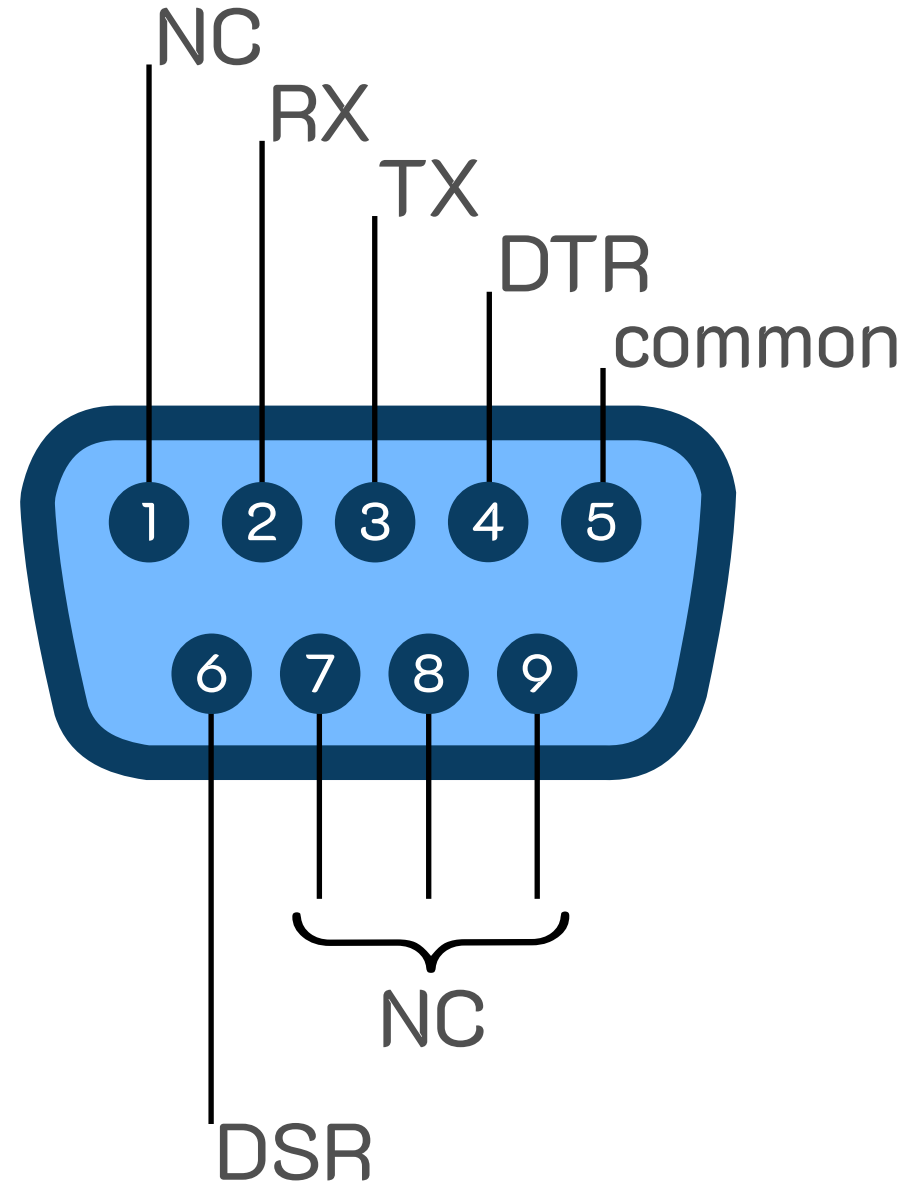


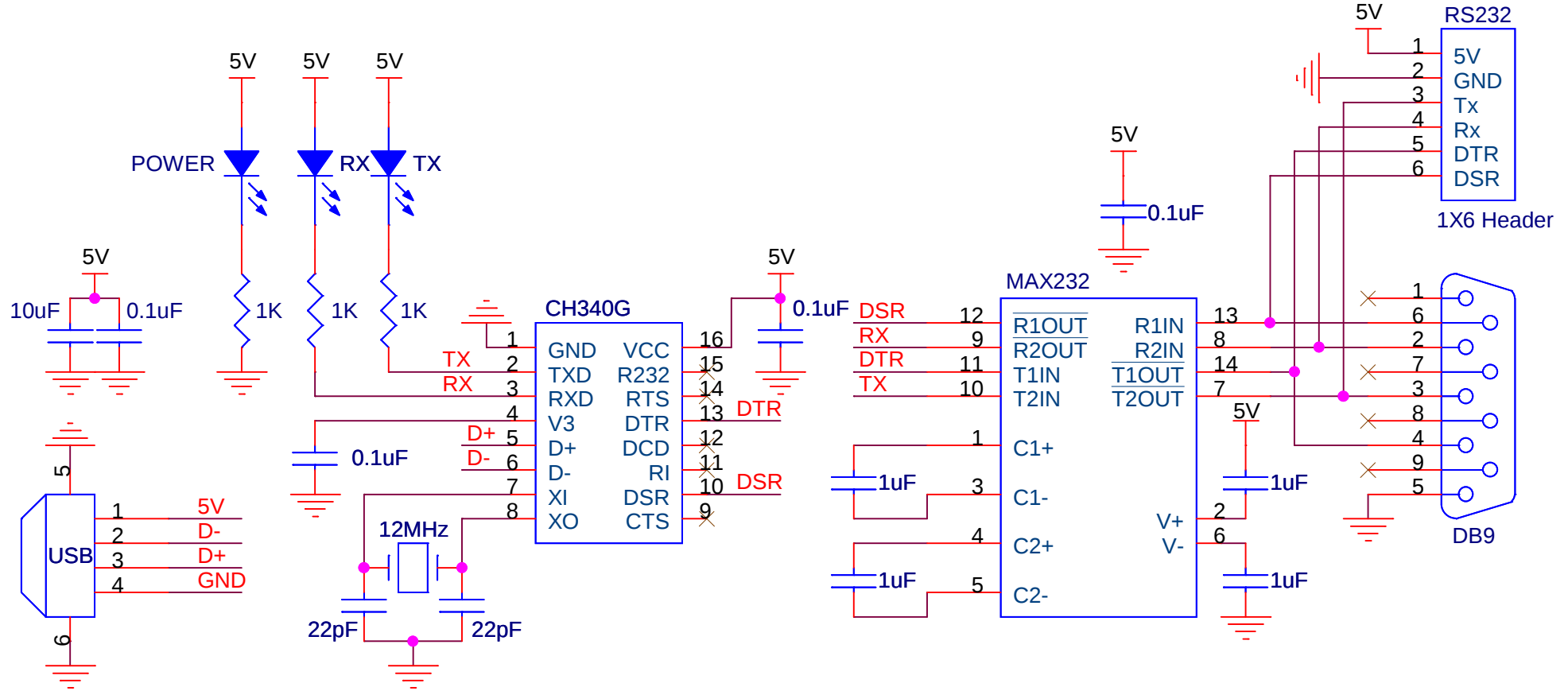
Pin Header Assignment

5V	USB Power
GND	Common
Tx	Transmitter
Rx	Receiver
DTR	Data Terminal Ready
DSR	Data Send Ready

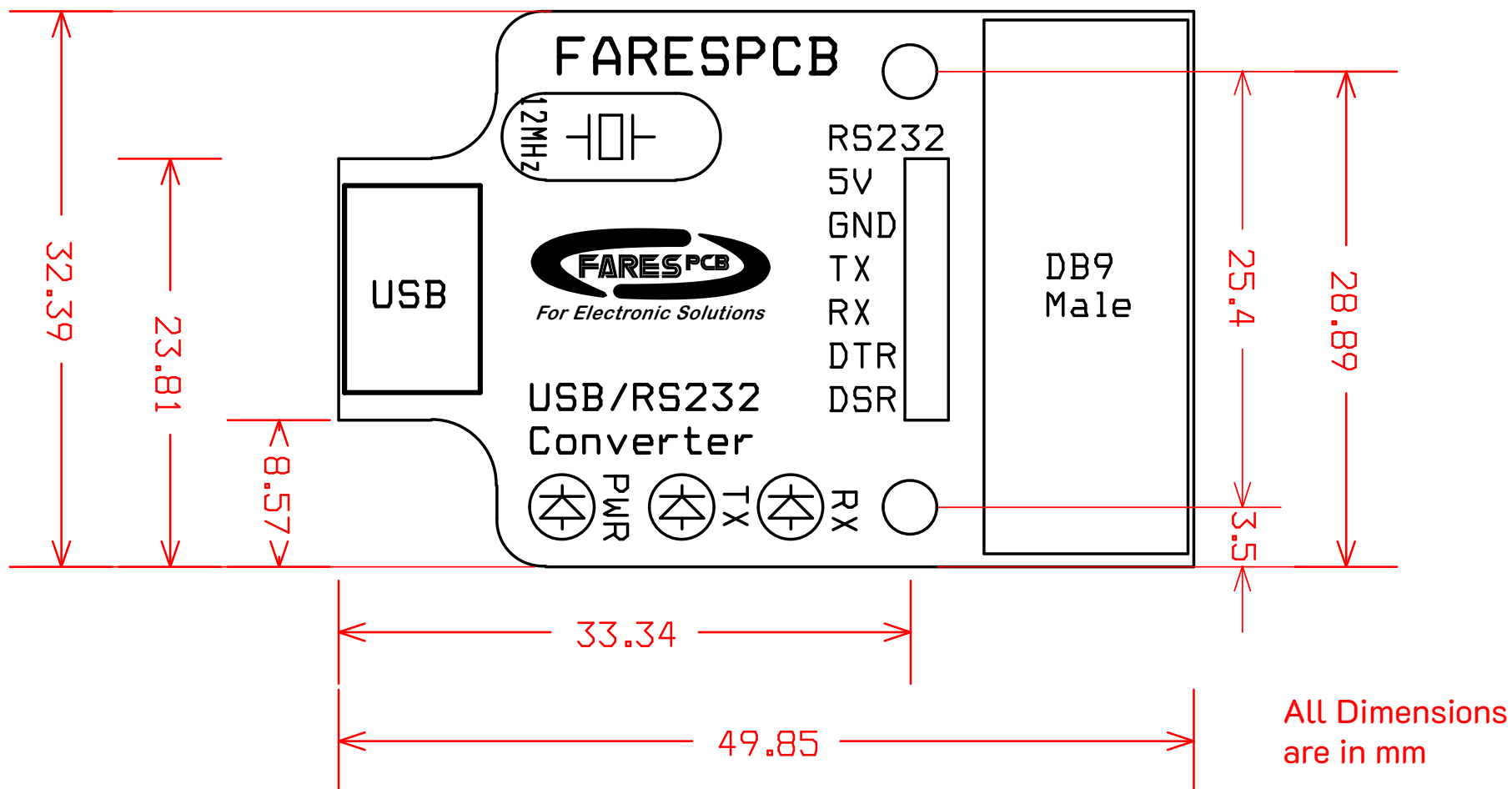


DB9- Male Connector Pin Assignment





Schematic Diagram



Mechanical Dimensions Diagram

For our full range of products, see our website at <http://www.fares-pcb.com>
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