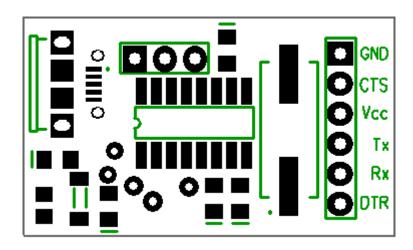# UART Programmer

Pin Description

Pin Configuration

- GND
- CTS
- Vcc
- Tx
- Rx
- DTR

This USB–TTL converter is based on CH340G USB to Serial TTL converter chipset. The module can be used for 3.3V logic level signals, and has the option to switch from 5V to 3.3V logic level using a 2 pin shunt supplied with the module.
The module includes a small switch which allows the voltage available at the VC (Supply output) pin to be switched between 3.3 and 5V. Data pins include Tx, Rx. These digital pins are at 5V TTL levels allowing them to be directly interfaced most 5V microcontrollers.

Features:

1. Built-in USB to TTL Transfer chip.
2. Designed to be used for USB to TTL electronic projects.

3. TTL interface output, easy to connect to your MCU.
4. 5V Power output, work with 5 V target device.
5. The mini-module is designed specifically for STC download and ARDUINO PRO supports all series of STC
6. Microcomputer with cold start reset button
7. Supports WIN7/VISTA/MAC/LINUX(32 bit /64-bit system)
8. USB to TTL conversion board used for STC microcontroller download DVD/ hard disk/router /GPS upgrade
9. For STC Download: SCM must be a minimum system and external crystal oscillator