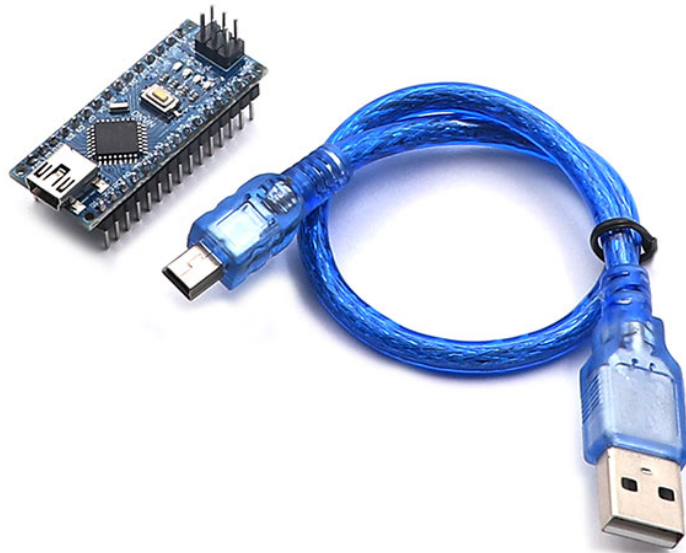# Arduino Nano V3.0 CH340 improved version
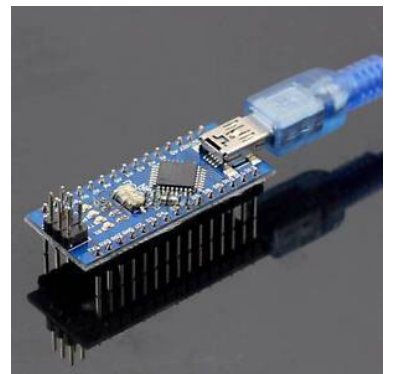
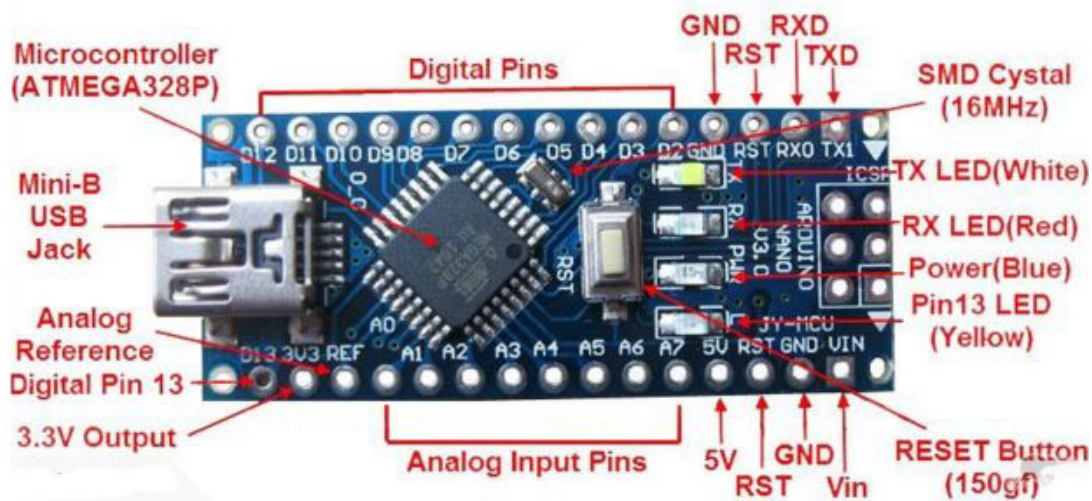## Atmega328P USB to TTL with USB cable

User Manual

Description:

Arduino Nano is an open source code base with ultra-small simple I / O platform, compared with the previous version of USB Arduino Diecimila. It is ideal for prototyping using crimp development boards, for all contacts displayed on the two lines at the edges of the board, spacing 2.54mm, distance 15mm rulers. The size of the Arduino Nano accounts for a large advantage that can be used to develop the required run independently, and has interactive effects of electronic equipment; can also be used to develop a connected computer, interactive work with Flash, Processing, Max / Msp, PD, VVVV done in collaboration with other software .
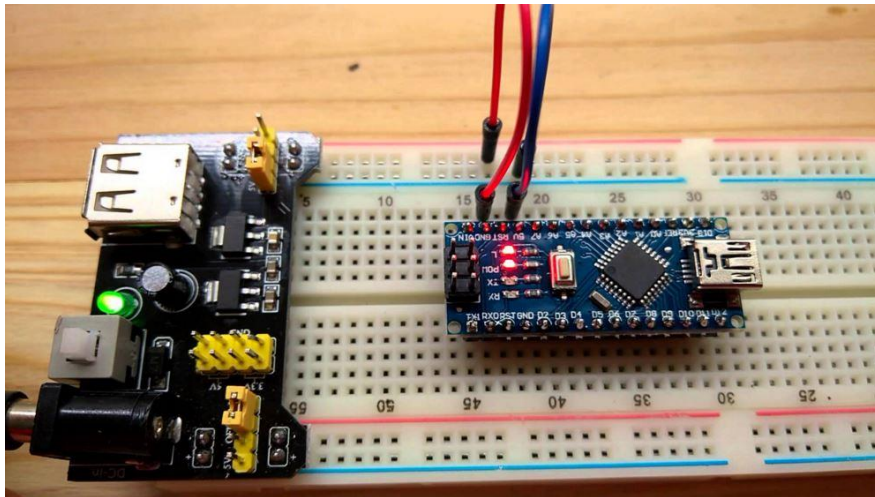
Technical Parameters:

CH340G Replaces FT232RL (improve download speed and stability of WIN7 / WIN8) -8 Analog input ports: A0 ~ A7
Digital input / output ports: TX, RX, D2 ~ D13 14
PWM ports: D3, D5, D6, D9, D10, D11 6
Pair of TTL level serial transceiver ports RX / TX 1
Using Atmel Atmega328P-AU MCU
DC Current per I/O pin: 40Ma
(Flash Memory: 32KB (ATmega328) (of which 2KB used by bootloader
(SRAM: 2KB (ATmega328-
(EEPROM: 1KB (ATmega328
Clock Speed: 16MHz
There is bootloader installed in it
Support USB download and Power
Support for external 5V ~ 12V DC power supply
Support power supply by 9V battery

Labeling:

Application:

Made in China