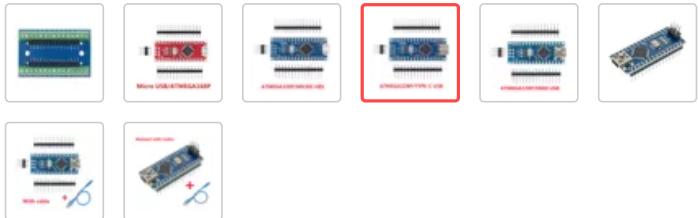


Nano With the bootloader compatible Nano 3.0 controller for arduino CH340
USB driver 16Mhz Nano v3.0 ATMEGA328P/168P

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DESCRIPTION

SPECIFICATIONS

Technical Parameters:

1. 20 digital input/output port RX and TX, D2 ~ D13, A0 ~ A5.
2. 8 analog input port A0 ~ A7.
3. 1 to the TTL level a serial port to send and receive port RX/TX.
4. 6 PWM port, D3, D5, D6, D9, D10, D11.

5. Chip: ATMEGA168P(Red board)/ATMEGA328P(Blue,Black board).
6. Support serial download and ISP download.
7. Support external 3.3V ~ 10V dc power supply.
8. Support the Li-ion polymer batteries while direct connect Vcc Pin.
9. 16 MHZ clock frequency.

Arduino Nano CH340C

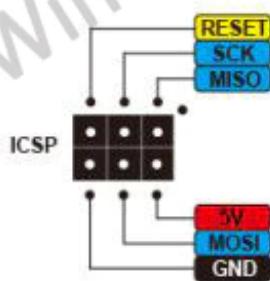
TECH SPECS

Microcontroller	AT mega328
USB Chip	CH340C
Architecture	AVR
Operating Voltage	5 V
Flash Memory	32 KB of which 2 KB used by bootloader
SRAM	2 KB
Clock Speed	16 MHz
Analog IN Pins	8
EEPROM	1 KB
input Voltage	7-12 V
Digital I/O Pins	22 (6 of which are PWM)
PWM Output	6
PCB Size	18 X 45mm

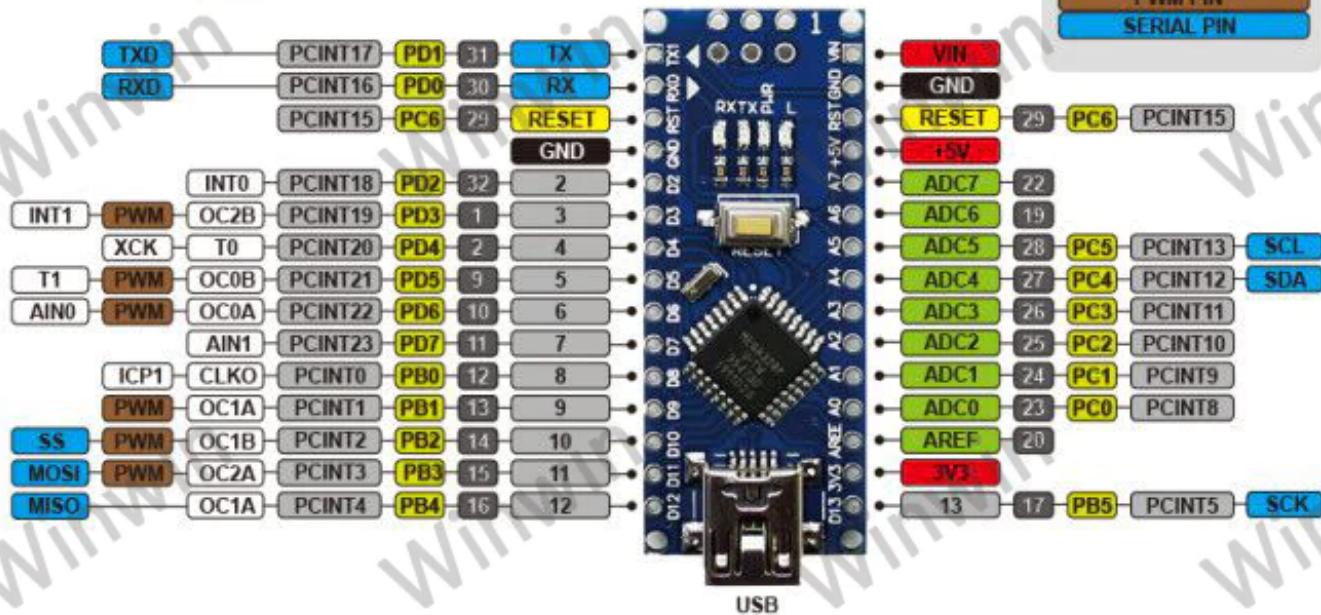
Note:

It is a Arduino compatible board, with a CH340C serial to TTL converter replace the FT232.

LEGEND



LEGEND
GND
POWER
CONTROL
PHYSICAL PIN
PORT PIN
ATMEGA328 PIN FUNC
DIGITAL PIN
ANALOG-RELATED PIN
PWM PIN
SERIAL PIN



Dimensions

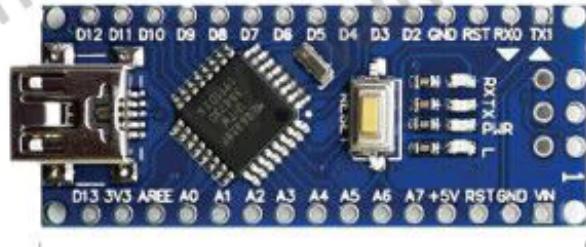
18mm * 45mm (W * H)

W

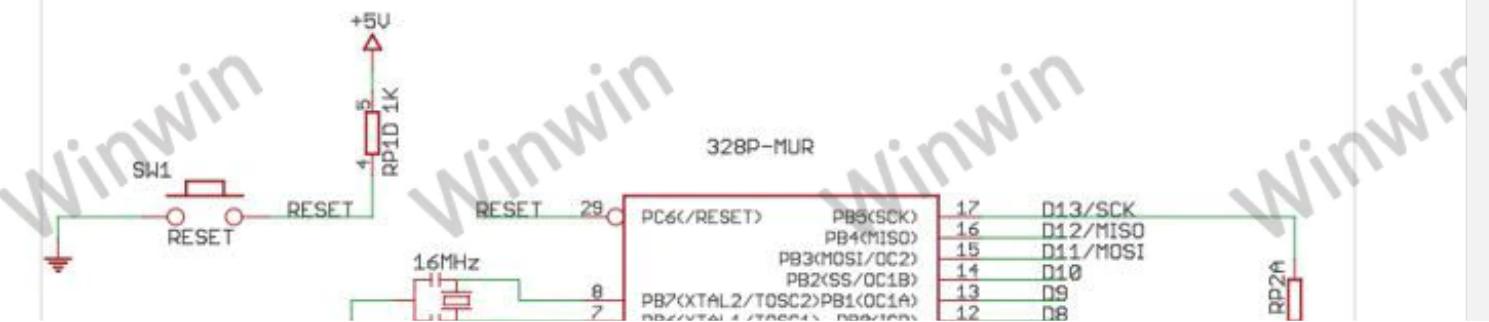
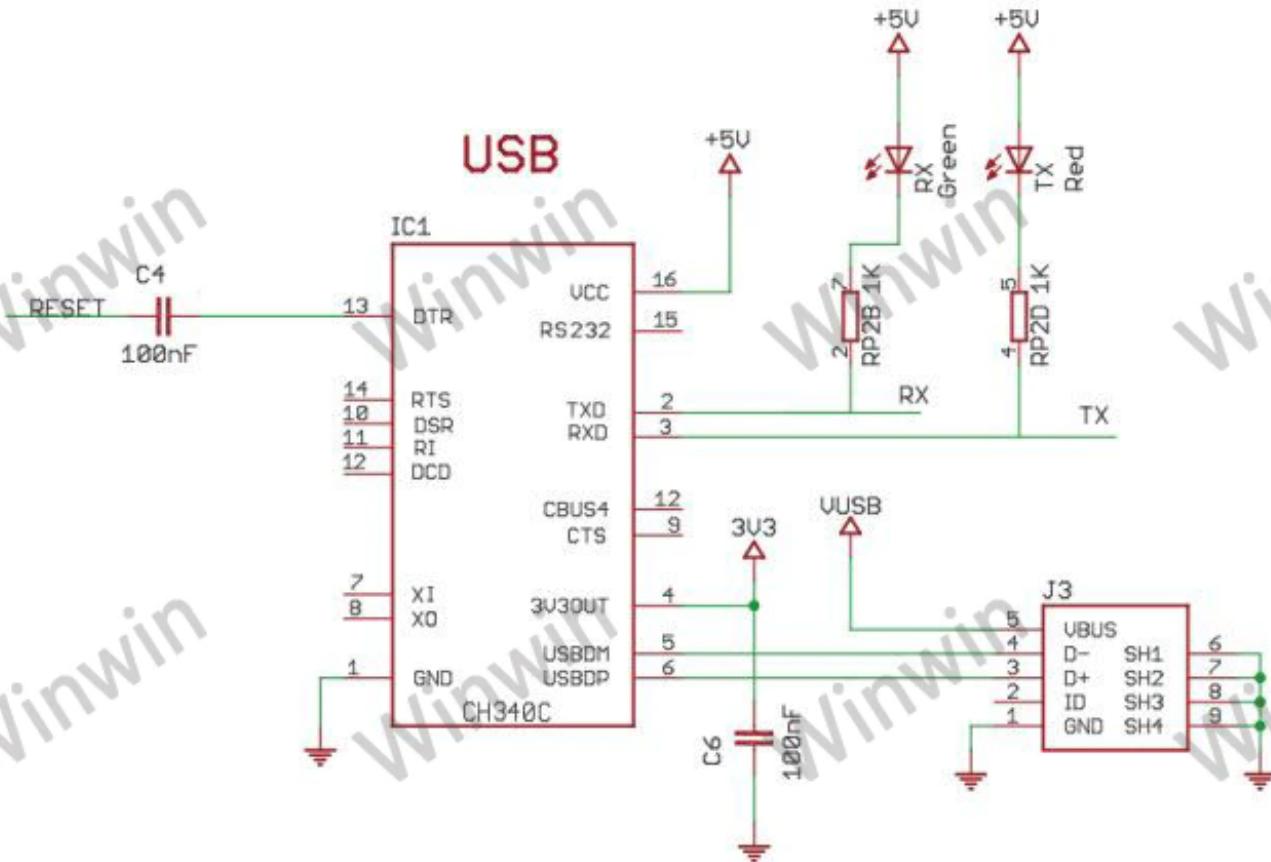
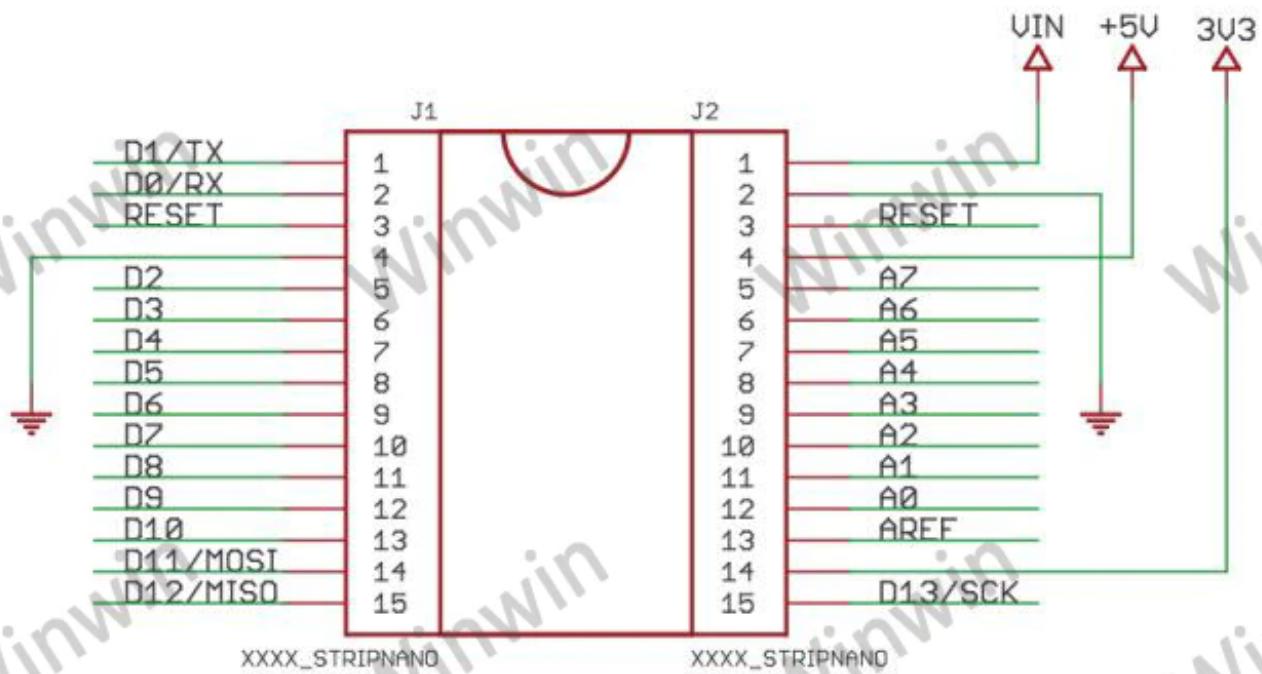
18.0mm

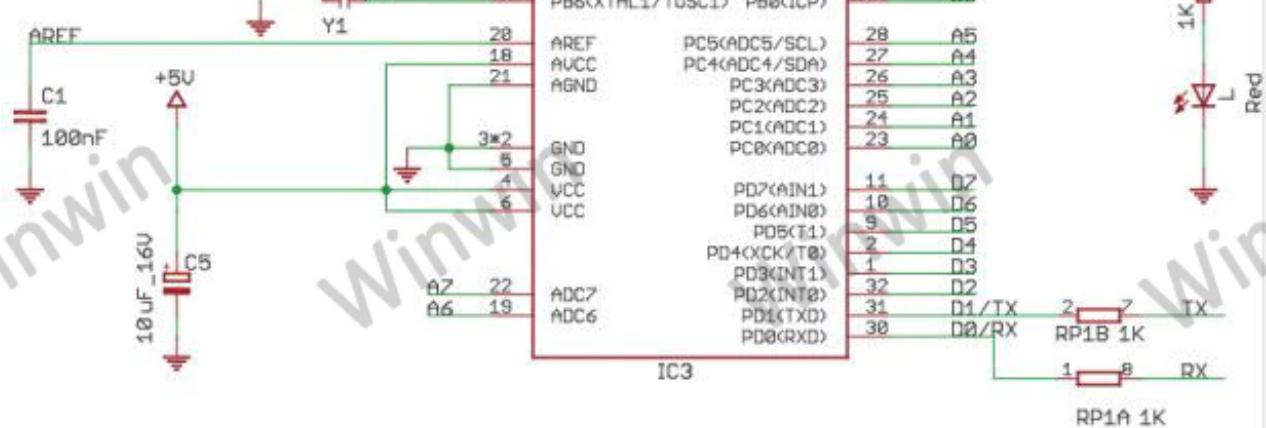
H

45.0mm

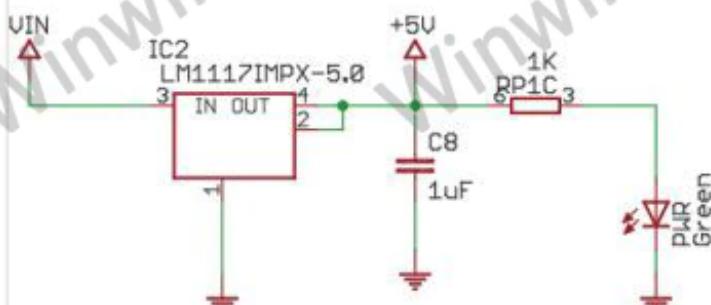


Detailed

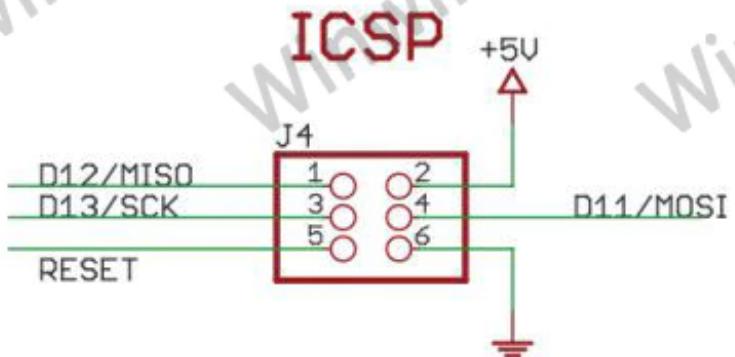
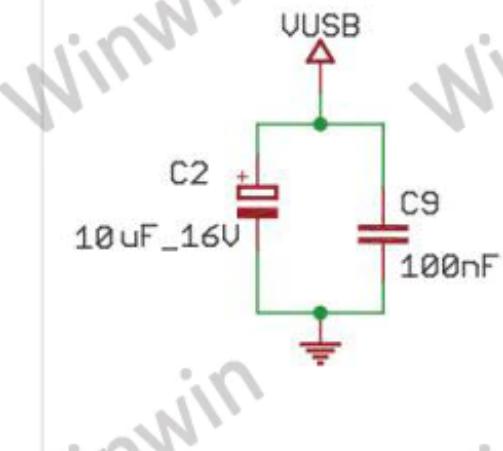




+5V REG



+5V AUTO SELECTOR



TECH SPECS:

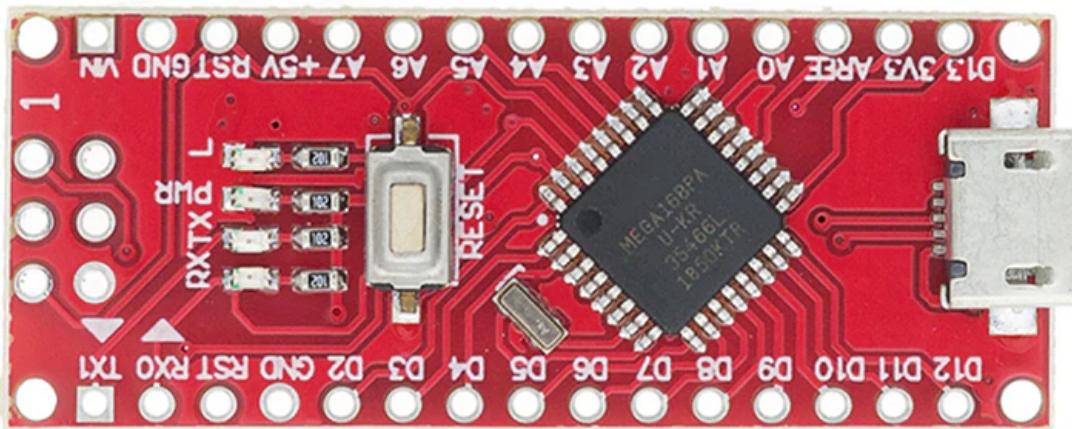
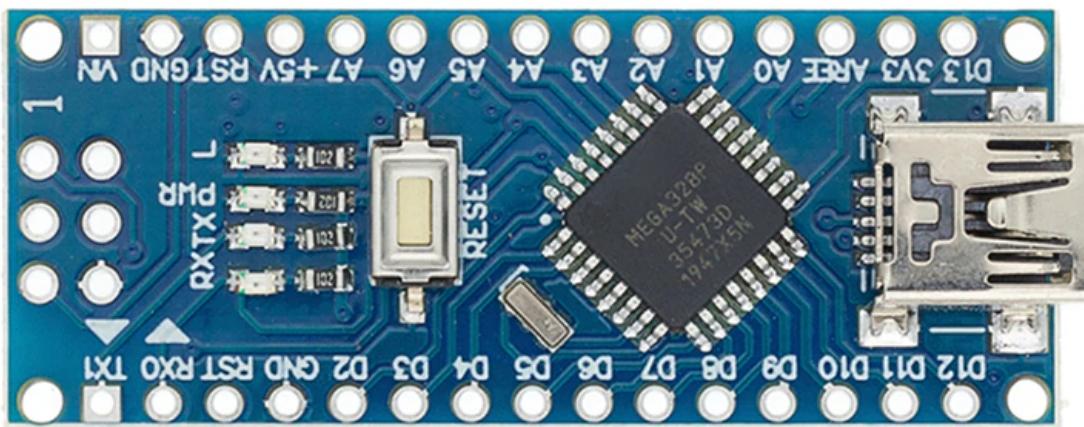
Microcontroller: AT mega328 / USB Chip: CH340C / Architecture: AVR / Operating Voltage: 5 V / Flash Memory: 32 KB of which 2 KB used by bootloader / SRAM: 2 KB / Clock Speed: 16 MHz / Analog IN Pins: 8 / EEPROM: 1 KB / Input Voltage: 7-12 V / Digital I/O Pins: 22 (6 of which are PWM) / PWM Output: 6 / PCB Size: 18 X 45mm.

Technical parameters:

1. 20 digital input/output port RX and TX, D2 ~ D13, A0 ~ A5 & 2. 8 analog input port A0 ~ A7 & 3. 1 to the TTL level a serial port to send and receive port RX/TX & 4. 6 PWM port, D3, D5, D6, D9, D10, D11 & 5. Chip: ATMEGA168P/Pd

D6, D9, D10, D11 & 5. Chip: ATMEGA16P (Red board) / ATMEGA328P (Blue,Black board) & 6. Support serial download and ISP download & 7. Support external 3.3V ~ 10V dc power supply & 8. Support the Li-ion polymer batteries while direct connect Vcc Pin & 9. 16 MHZ clock frequency

Mini USB/ATMEGA328P



Micro USB/ATMEGA168P

