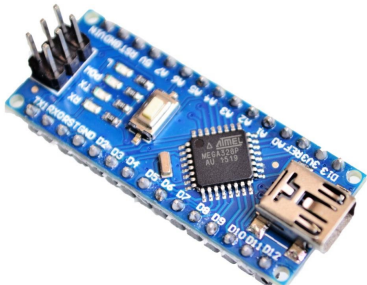




Arduino Compatible Nano 3.0 Micro-Controller ATMEGA328P / CH340 USB 5V



The Nano V3.0 micro-controller is a small, complete, micro-controller board based on the ATmega328P MCU, inspired by the Arduino Nano. It has more or less the same functionality of the Arduino Duemilanove, but in a different package. It lacks only a DC power jack, and uses a Mini-B USB cable instead of a standard one. It is compatible with Arduino programs and the Arduino IDE.

It can be powered via the Mini-B USB connection, 6-20V unregulated external power supply (pin 30), or 5V regulated external power supply (pin 27). The power source is automatically selected to the highest voltage source.

Specifications:

- CH340G USB bus convert chip replaces FT232RL
- Operating Voltage (logic level): 5V
- 8 analog inputs ports: A0 - A7
- 14 Digital input / output ports: TX, RX, D2 - D13
- 6 PWM ports: D3, D5, D6, D9, D10, D11
- 1 pairs of TTL level serial transceiver ports: RX / TX
- Uses Atmel Atmega328P-AU MCU with bootloader installed
- Support USB download and Power
- Recommended input voltage: 7V - 12V DC on pin 30 or 5V on pin 27
- Maximum input voltage limits: 6V - 20V
- Supports ISP download
- Supplied with connector pins (headers), not soldered to the board for user flexibility

Resources, Guides and Additional Documentation:

Getting Started with Arduino: <http://envistia.info/ardgetstarted>

Arduino Software (IDE) download link: <http://envistia.info/arduinoide>

CH340G USB Bus Converter driver download links: <http://envistia.info/ch340win7drv>

<http://envistia.info/ch340win8drv>

<http://envistia.info/ch340serialdrv> (Serial Driver for Win10, Linux, Mac)

Arduino Nano Documentation: <http://envistia.info/arduino-nano>