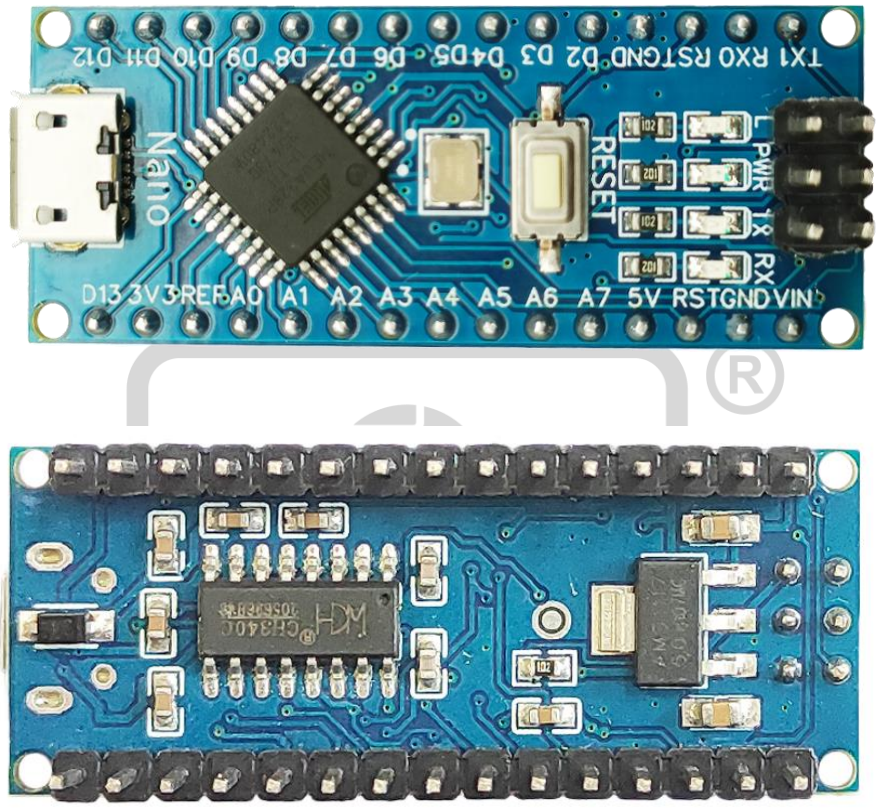
ADIY Nano



ADIY Nano CH340C Soldered Board without USB cable functionality is same as the UNO. Uses for small project where you don't need much of a pin-outs but the small size is very important to make it look good. The Nano equips a low-cost USB-Serial Chip that makes it less in price.

The Nano is a small, complete, and breadboard-friendly board based on the **ATmega328**. It lacks only a DC power jack and works with a Mini-B USB cable instead of a standard one.

The Nano can be powered via the mini-USB connection, 5-12V 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.

Features:

- Pin to Pin as compatible as Arduino Nano.
- ADIY Nano is compatible with Arduino IDE software.
- Manual Reset switch is available.
- Power, TX, RX LED for indication.

Specifications:

- Operating volage varies from 5V – 12V.
- It has 14 digital I/O pins.
- 8 Analog I/O pins.
- 6 PWM pins.
- 14 Digital I/O pins.
- Crystal oscillator has frequency of 16Mhz.
- ADIY Nano can be connected to Wi-Fi.
- The functionality is similar to Arduino UNO
- Flexible and eco-friendly in nature with compact size
- Dimensions: Length × Width × Height = 6×5×3 cm

Applications:

- Robotics
- Control systems
- Automation
- Prototypes