

Keyes Studio CH340 NANO 3.0 ARDUINO DEVELOPMENT BOARD

Module: MB0083 / 18----

Description:

Nano V3.0 new CH340G improvement board Atmega328P development board for arduino he CH340 Nano 3.0 controller is an ultra-small Simple i/o platform with base and open source code. Its processor core is ATmega328, which has 14 digital input/output ports (6 of which can be used as PWM outputs). Road analogue input, 1 pair of TTL level serial port transceiver port, one USB port, one ICSP header and one reset button.

Features:

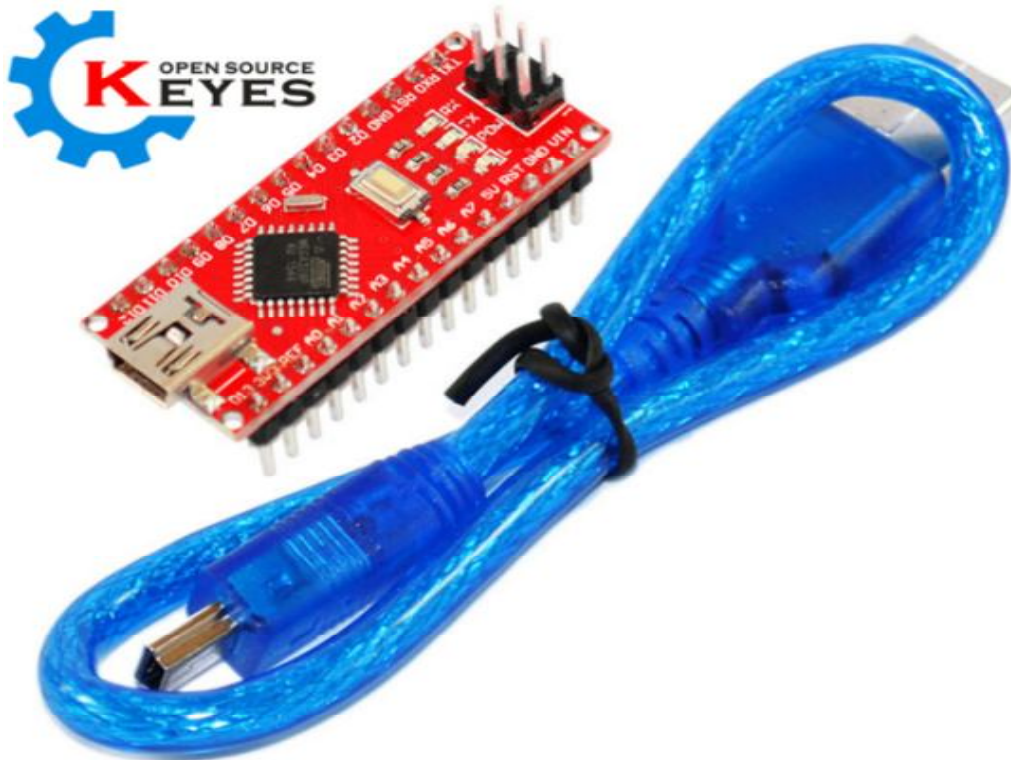
- 1, 14 digital input / output ports D0 ~ D13
- 2, 8 analogue input ports A0~A7
- 3, 1 pair of TTL level serial port transceiver port RX/TX
- 4, 6 PWM ports, D3, D5, D6, D9, D10, D11
- 5, using Atmel Atmega328P-AU microcontroller
- 6, support USB download and power supply
- 7, support external 5-9V DC power supply
- 8, support ISP download

Install USB driver:

From the link below download the zip file and extract it to one of the Arduino's sub folder, remember this location as you will need it later. Connect the CH340 NANO and continue installing the driver if not done so before. Open System Properties from Control Panel, Hardware, Device Manager, There should be a drive error "?" under Other devices. Right click on USB2.0-Serial and update, "Install from a list...". Select the location where you placed the CH340 UNO R3 folder and select the CH341SER folder. The location of the drive has moved from Other Devices to Ports (COM<P). Tack note of the COMM port number this device is assign you will need it in the Arduino's port selection. This process is now complete.

Open the Arduino's IDE, select TOOLS, Port, click in the port number previously assigned. From TOOL's again Board, select Arduino Nano. Open TOOL's again and select Possessor: "ATmega238P (old bootloader)".

Open the Example Sketch "Blink" and change the delay(1000); to delay(100);. Do same for both. The LED will now flash fast.



Driver & Video Files: http://www.mantech.co.za/downloads/CH340_UNO_R3.zip

Help on Driver Installation: https://www.adrirobot.it/arduino/arduino_nano_ch340/scheda_arduino_nano_ch340.htm

For instructions see link: http://wiki.keyestudio.com/index.php/Ks0173_keyestudio_Nano_ch340