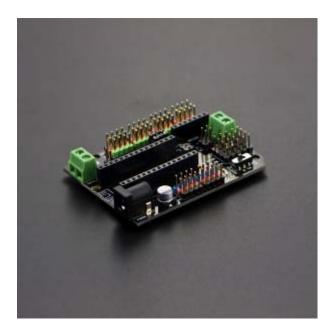


Arduino Nano IO Shield (SKU: DFR0012)



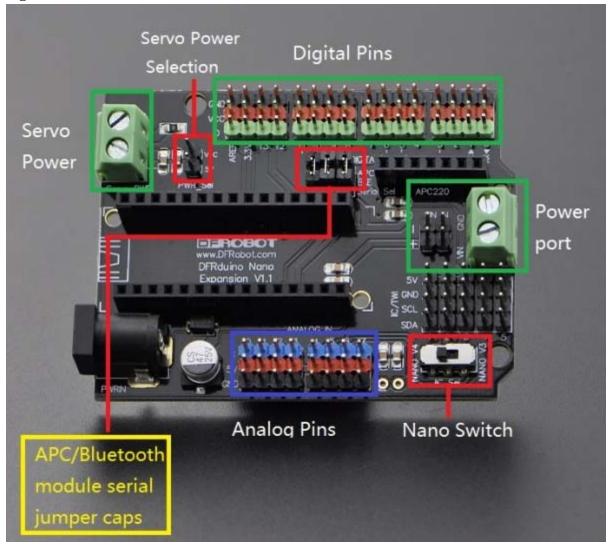
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Introduction

The Arduino Nano I/O Shield acts as a expansion board for the Arduino Nano and DFRduino Nano microcontrollers. There are several different options for power input. The form factor of the Nano I/O Shield board is the same as the Arduino UNO/Leonardo. In addition, each pinout includes 5V and GND pins for easy connection to sensors or servos. This unit comes fully assembled. The board also has a space specifically for the DFRobot bluetooth module and ACP220 module. Several I2C pins are also exposed.

Diagram



DFRduino Nano IO Shield V1.1

- 1. APC/Bluetooth module serial jumper caps: When you make a program with Nano which is using Atmega328 chip, please remove the wireless device, or remove "TX" and "RX" jumper caps
- Nano Switch: The Nano shield is compatible with our Nano V3 and Nano V4. Since the difference the IIC interface, we add a switch on the shield, you could select the right board with the right IIC pins

NOTE:

There are three jumper caps on the shield (APC/Bluetooth module serial jumper caps).

When you want to power the shield with usb cable, please move 'GND' jumper ca p to Servo power selection port.

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When you want to use external servo power, please move the jumper cap back.
Or it will damage your microcontroller
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Compatible List

- Arduino Nano
- DFRduino Nano V3
- DFRduino Nano V4
- Bluno Nano
- Any Nano microcontroller which have the same pinout as Arduino Nano