

2022/06/20

Arduino Nano 33 IoT

→ 3.3V device - Jumper - USB - VUSB - sending 3.3V.

(SAM D21G 32-bit microcontroller) 48MHz, Internal Real-time clock

(Wifi & Bluetooth using u-blox NINA-W102 module) 2.4 GHz Antenna.

LSM6DS3 IAXU (inertial measurement unit)

{ ADC5 - SCL internal pull-up
ADC4 - SDA internal pull-up

Modulation capable pin: PWM: D2 D3 D5 D6 DP D10 D11 D12

Library: Wi-Fi NINA - Wifi

Arduino LSM6DS3 - Inertial measurement

Arduino RTCZero - Real time clock

Arduino BLE - Bluetooth

Download Arduino IDE

Json Format → Example code

Arduino code → Example

pin configuration.

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★ → deserialization message (Json format)

→ set pin output (High/Low)

★ Read Practicle/pendduino / Example code.