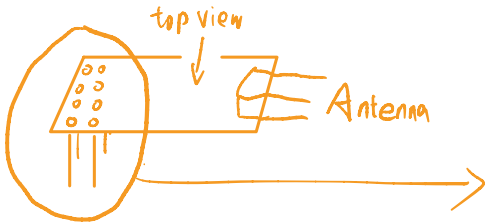


updated pin map for data logging

Note: this nRF24L01 doesn't include expansion board, only connect to 3.3V



pin out

1	2
3	4
5	6
7	8

1 - GND

2 - 3.3V

3 - NRF24L01_CE

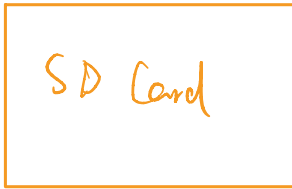
4 - NRF24L01_CSN

5 - NRF24L01_SCK

6 - NRF24L01_MOSI

7 - NRF24L01_MISO

8 - NRF24L01_IRQ



1 - GND

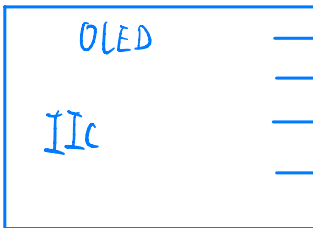
2 - 5V

3 - SD_CS

4 - SD_SCK

5 - SD_MOSI

6 - SD_MISO



OLED_GND

OLED_VCC

OLED_SCL

OLED_SDA

GND

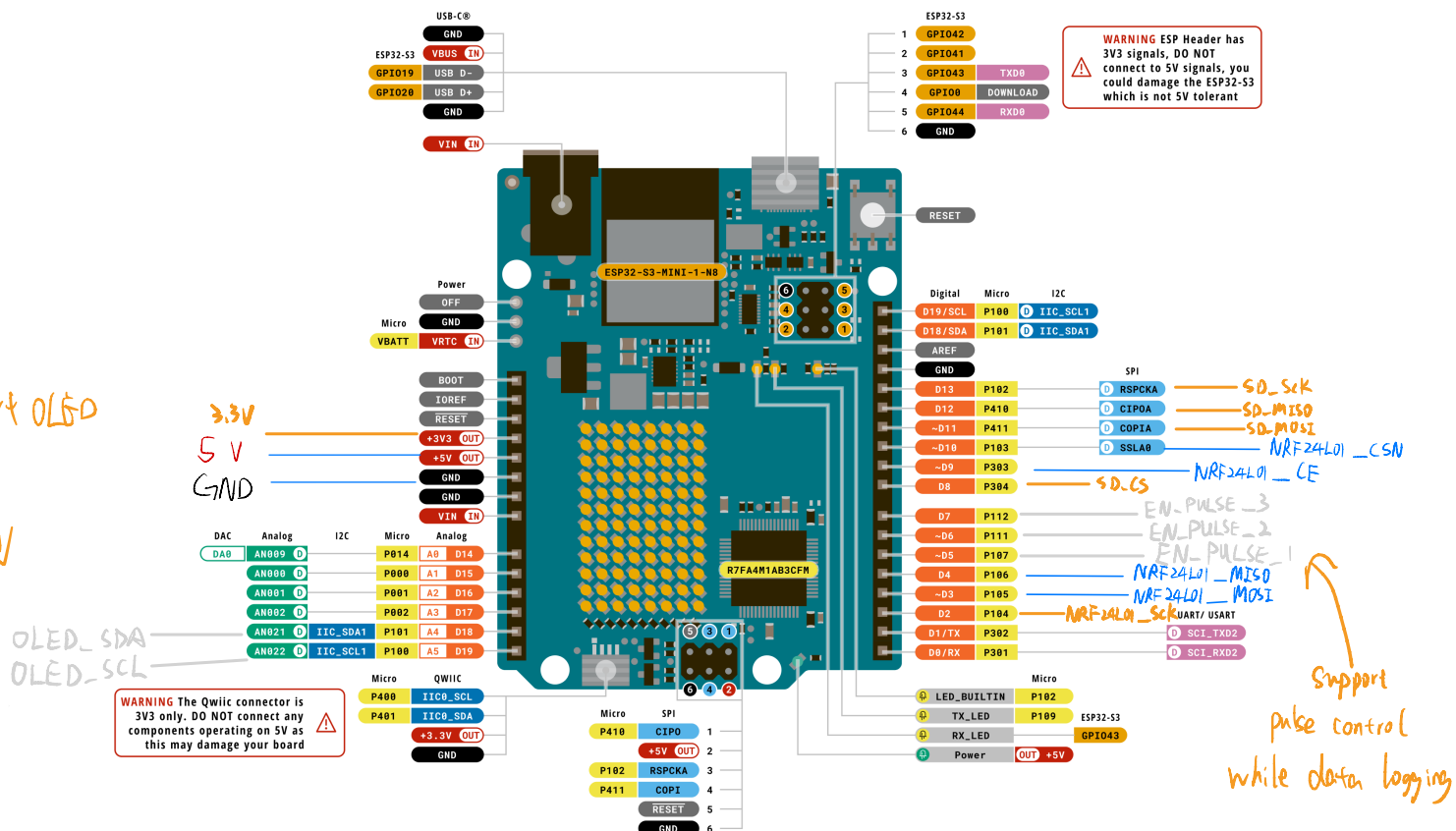
5V



Data Write

Mechanical Information

12 Pinout



Legend:	Digital	I2C	Other SERIAL
Power	Analog	SPI	Analog
Ground	Main Part	UART/USART	PWM/Timer



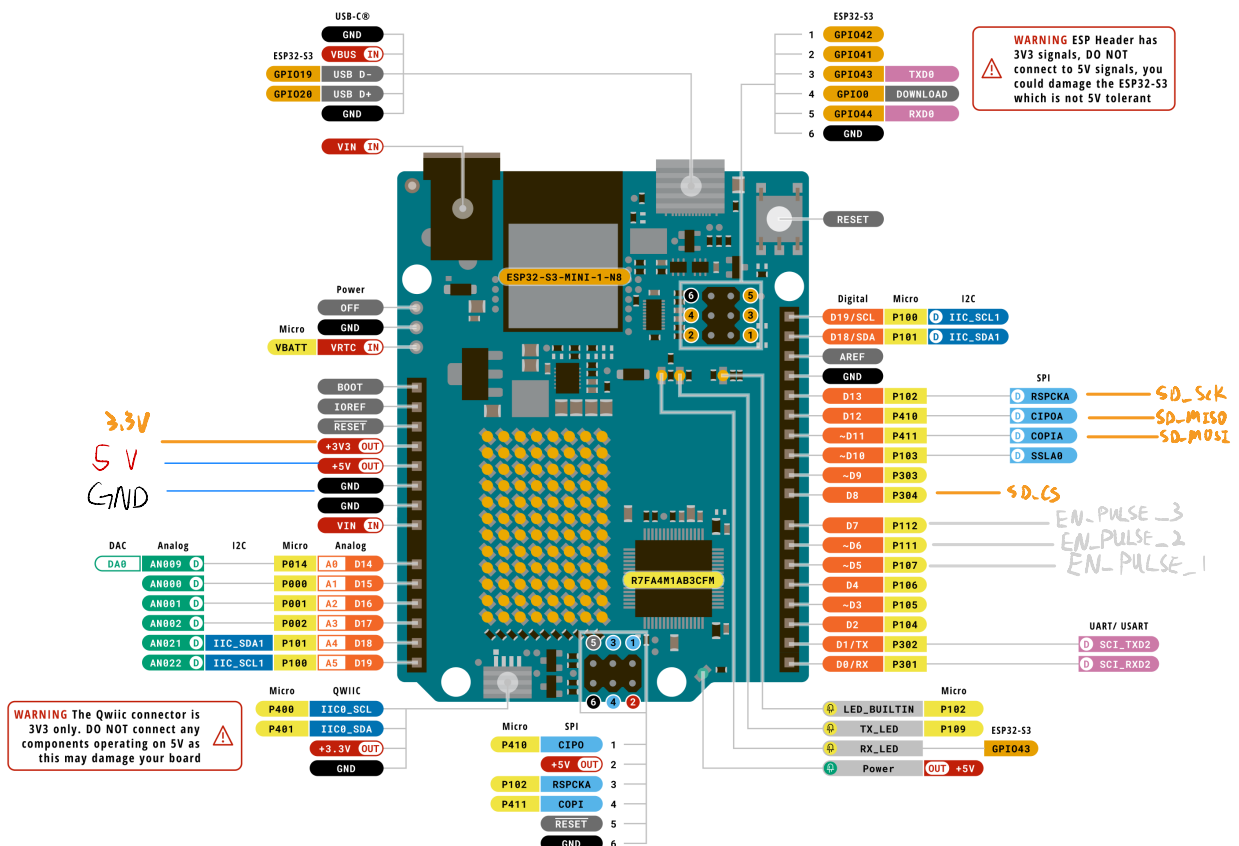
ARDUINO
UNO R4 WiFi
SKU code: ABX00087
Pinout
Last update: 30 Jun, 2023

Pinout for UNO R4 WiFi.

Devta read

Mechanical Information

12 Pinout



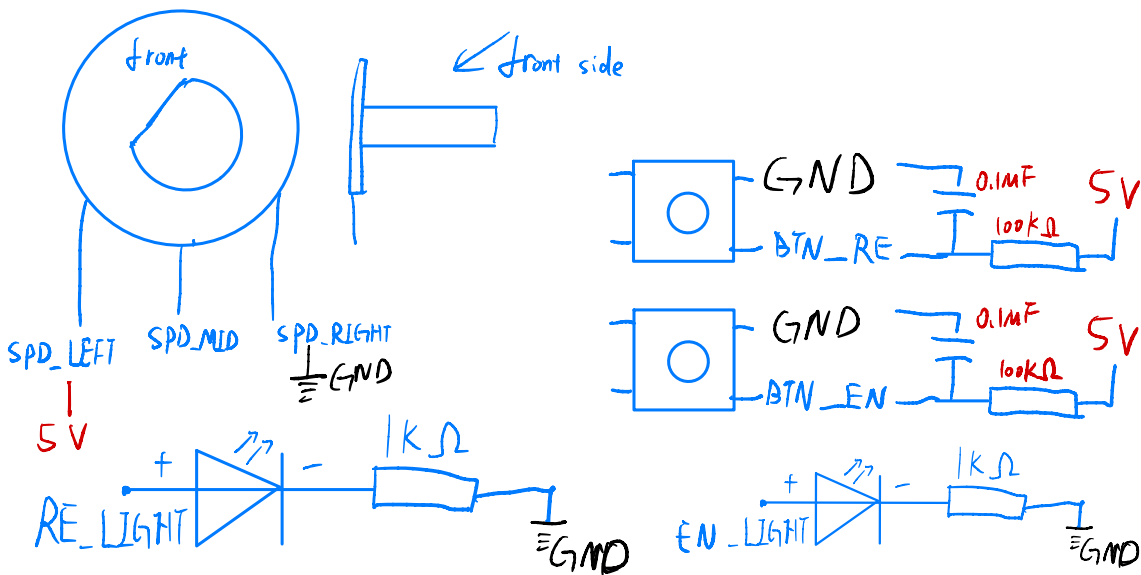
Legend:	■ Digital	■ I2C	■ Other SERIAL
■ Power	■ Analog	■ SPI	■ Analog
■ Ground	■ Main Part	■ UART/USART	■ PWM/Timer



UNO R4 WiFi
SKU code: ABX00087
Pinout
Last update: 30 Jun, 2023

Pinout for UNO R4 WiFi.

updated pin map for pulse override



DIP_1 DIP_2 DIP_3



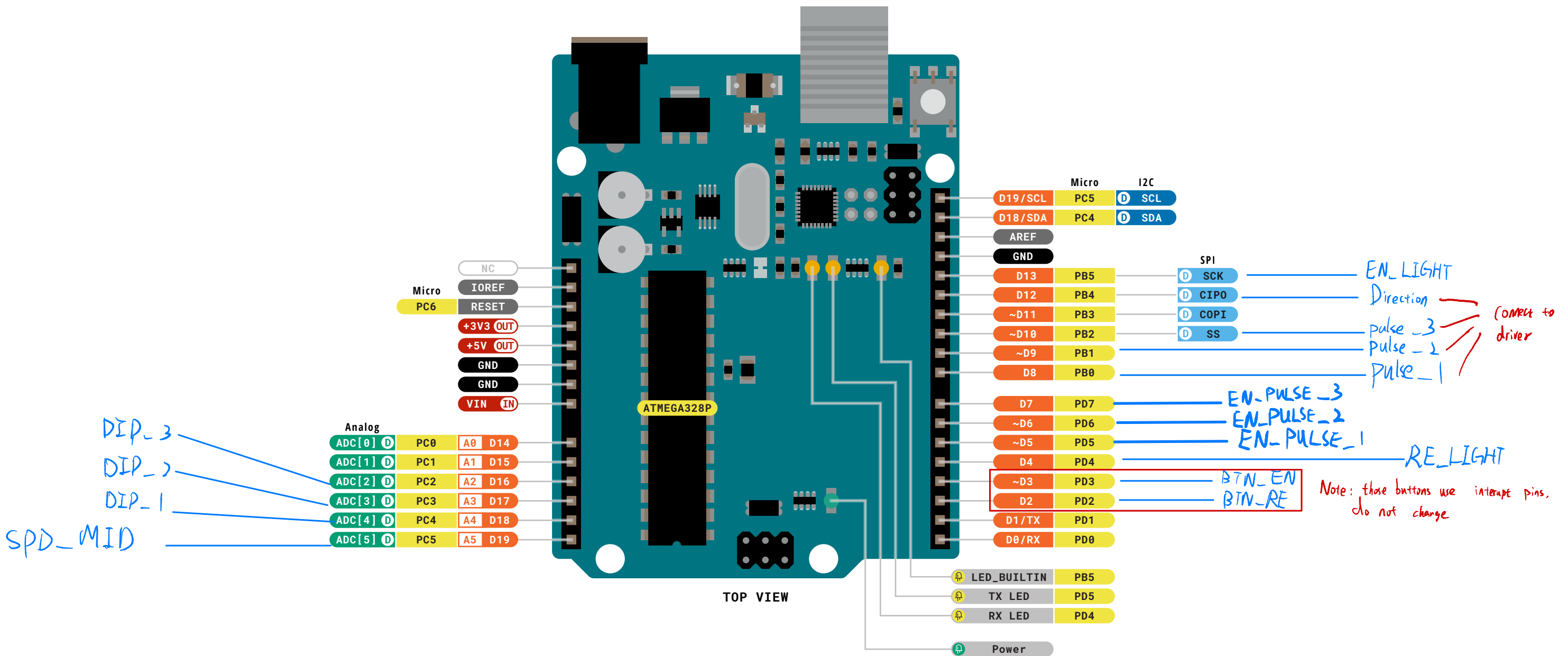
GND


























→ switch on, closed circuit


→ switch off, open circuit


Step motor driver control





Legend :

 Power	 Power Input	 GPIO Digital External	 I2C	 Default	 LED
	 Power Output	 Analog External	 SPI	 Default	 RGB LED
 Ground		 Main Part	 UART/USART	 Default	 Other
		 Secondary Part	 Other SERIAL Communication		
		 Internal Component	 Analog	 Default	
		 Other Pins (Reset, System Control, Debugging)	 PWM/Timer		

 **MAXIMUM** current per I/O pin is 20mA

 **MAXIMUM** current per +3.3V pin is 50mA

 **VIN** 6-20V input to the board

 CIP0/COPI have previously been referred to as MISO/MOSI



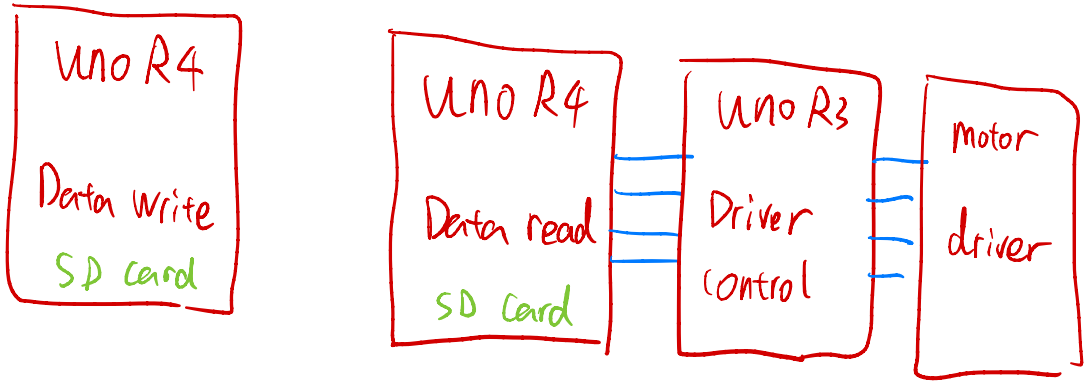
SKU code: A000066
Full Pinout - Page 1 of 5
Last update: 6 Oct, 2022

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Use case 1 :



Use case 2 :

