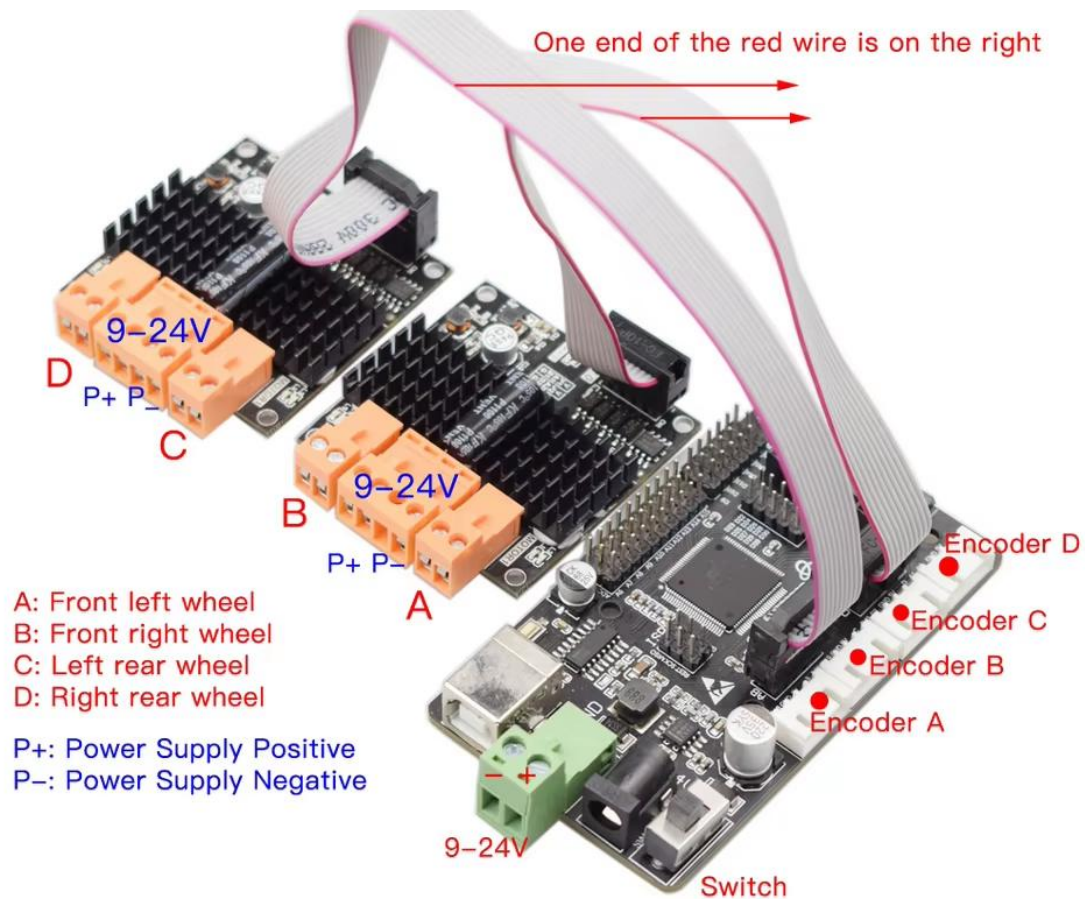
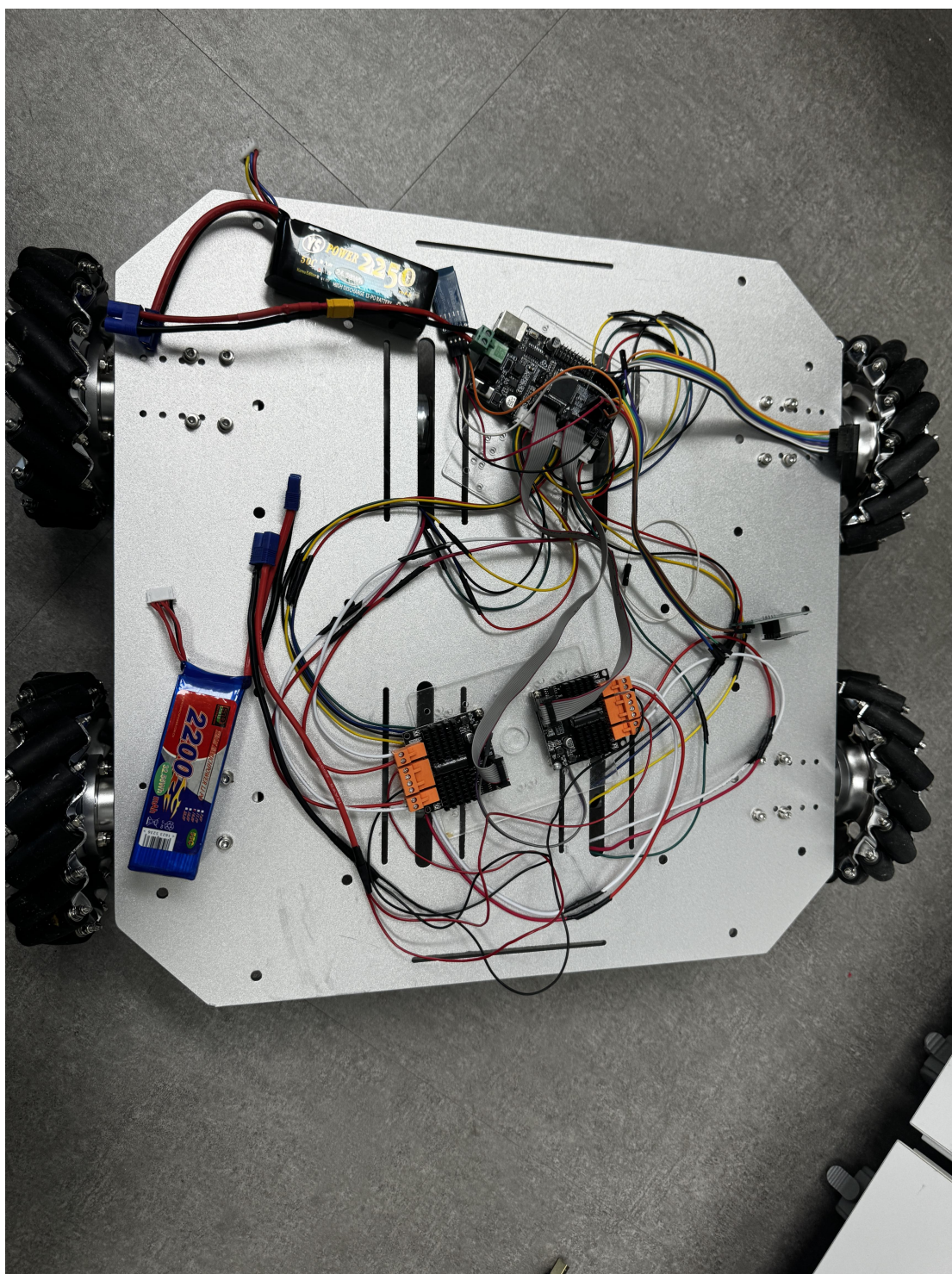


### Motor Encoder:

PIN1- M2	MOTOR POWER IN - (White wire)
PIN2- VCC	HALL SENSOR VCC. (Blue wire)
PIN3- C2	C2 HALL SENSOR B Vout (Green wire)
PIN4- C1	C1 HALL SENSOR A Vout (Yellow wire)
PIN5- GND	HALL SENSOR GND. (Black wire)
PIN6- M1	MOTOR POWER IN + (Red wire)

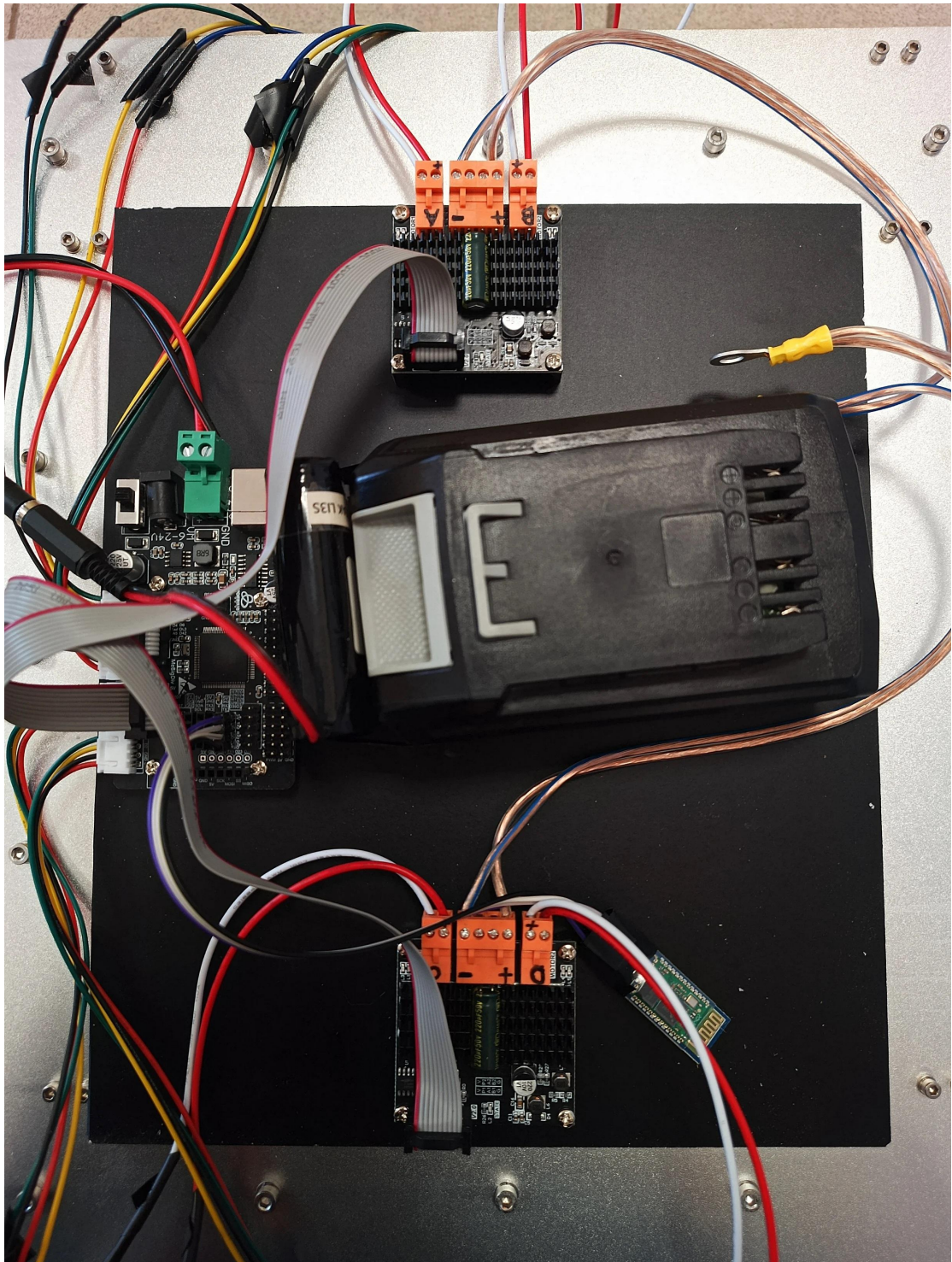
### Overall wiring:







The wiring of the driver board is shown in the following figureThe wiring of the driver board is shown in the following figure (pay attention to the wiring sequence of white and red lines)



Bluetooth Module and MC6C handel are different control modes, they can't use together. Suggest using Bluetooth remote control first

### 1. HC-06 Bluetooth Module connect:

APP link: <https://github.com/MoebiusTech/Bluetooth-APP> (only can use on Android phone)

Code: <https://github.com/MoebiusTech/MeBigDiv/blob/master/BT2560.ino>

```
BT2560
// Arduino 1.8.10
// 2019.03.03 2.2.0
// 2019.03.03 2.2.0

#define MOTORC_FORWARD(pwm) do(digitalWrite(DIRC1,LOW); digitalWrite(DIRC2,
#define MOTORC_STOP(x) do(digitalWrite(DIRC1,LOW); digitalWrite(DIRC2,
#define MOTORC_BACKOFF(pwm) do(digitalWrite(DIRC1,HIGH); digitalWrite(DIRC2,

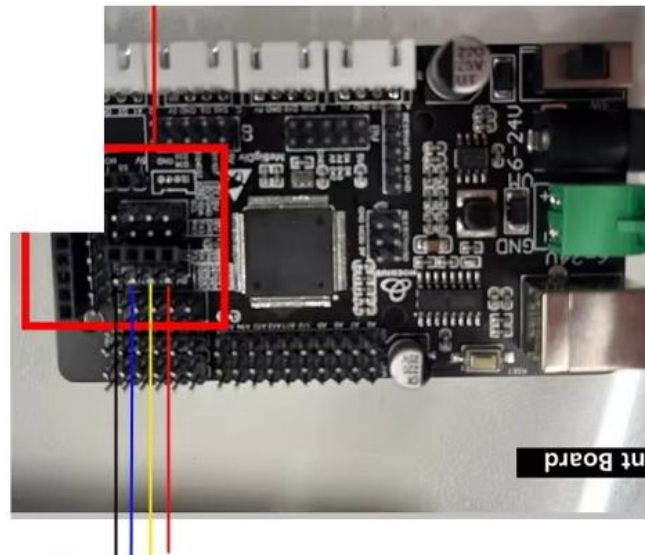
#define MOTORD_FORWARD(pwm) do(digitalWrite(DIRD1,LOW); digitalWrite(DIRD2,
#define MOTORD_STOP(x) do(digitalWrite(DIRD1,LOW); digitalWrite(DIRD2,
#define MOTORD_BACKOFF(pwm) do(digitalWrite(DIRD1,HIGH); digitalWrite(DIRD2,

#define SERIAL Serial2
#define LOG_DEBUG
#ifdef LOG_DEBUG
#define LOG_SERIAL.print
// #define M_LOG Serial.print
#else
#define M_LOG
#endif

#define MAX_PWM 200
#define MIN_PWM 130
int Motor_PWM = 150;

//控制电机运动 宏定义
```

1 revise the code as the picture shows, then download BT2560.ino code



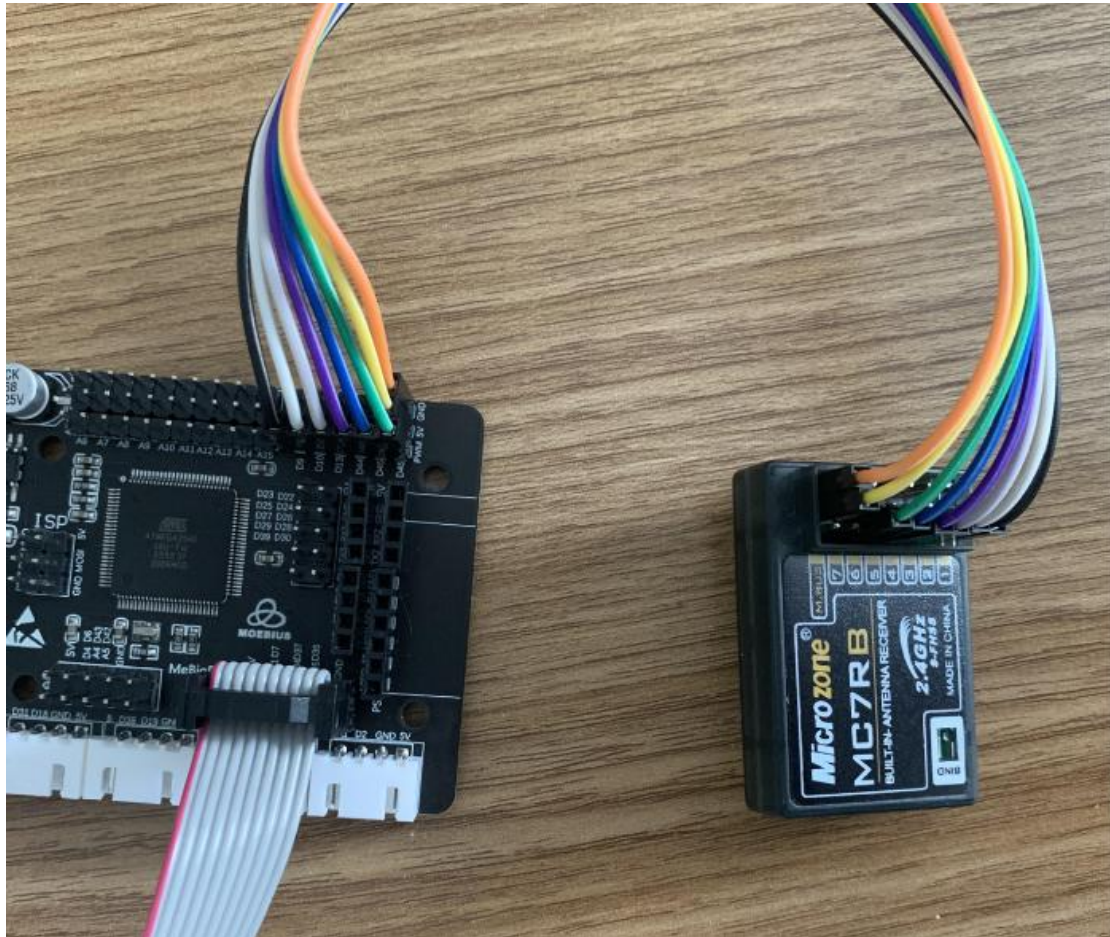
2. connect with the same color

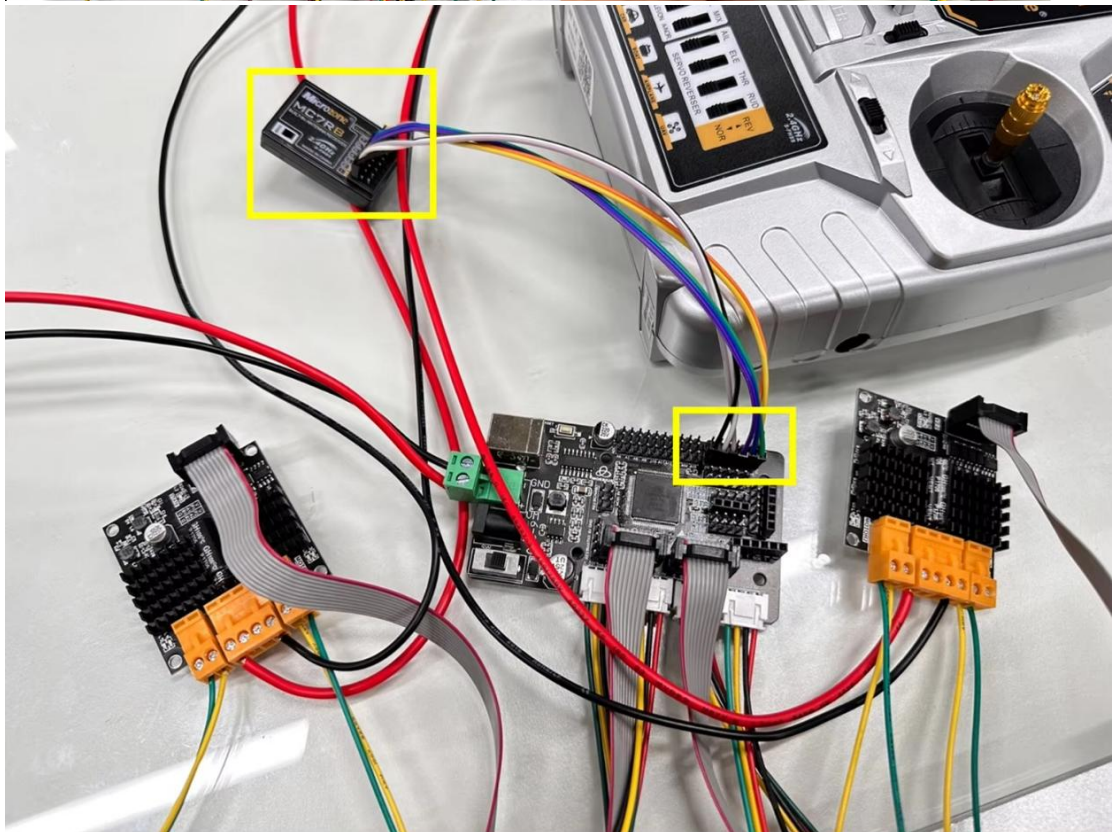
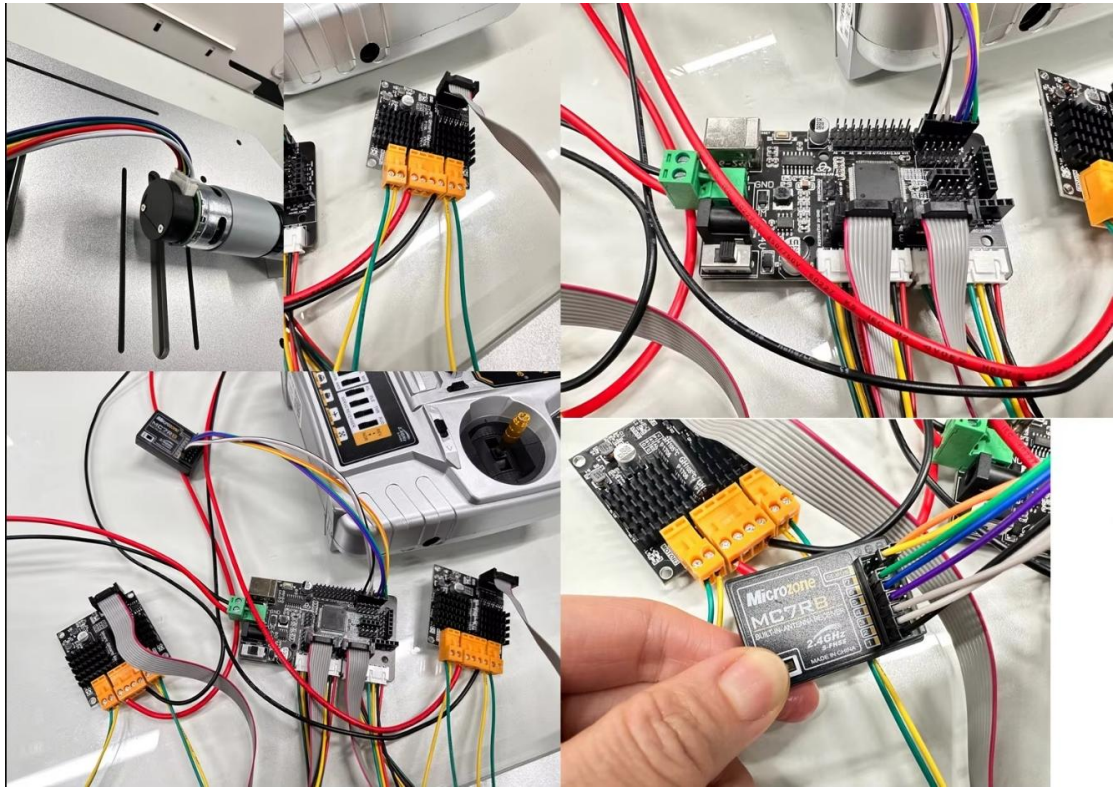


## 2.MC6C handel connect:

### Source code link:

[https://github.com/MoebiusTech/MeBigDiv/blob/master/Mecanum\\_mc6c\\_handle\\_4Drive.zip](https://github.com/MoebiusTech/MeBigDiv/blob/master/Mecanum_mc6c_handle_4Drive.zip)





**This remote control method requires fine-tuning, please refer to the manual:**

**<https://github.com/MoebiusTech/MeBigDiv/blob/master/MC6C%20handle.pdf>**

**Other data link: <https://github.com/MoebiusTech/MeBigDiv>**