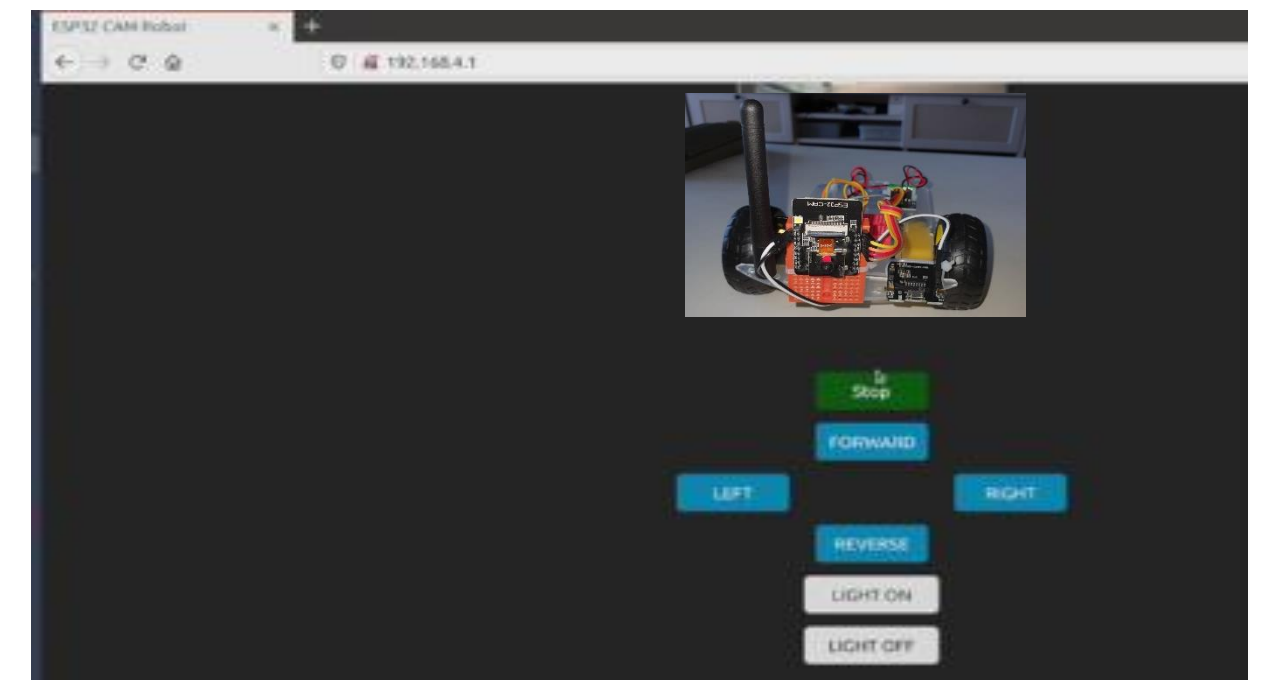
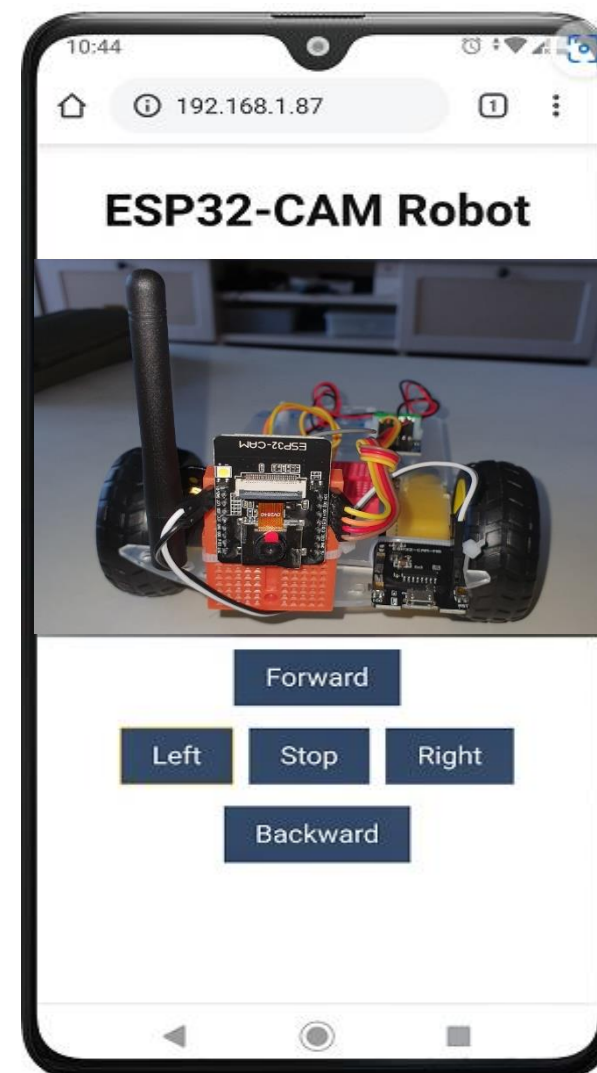
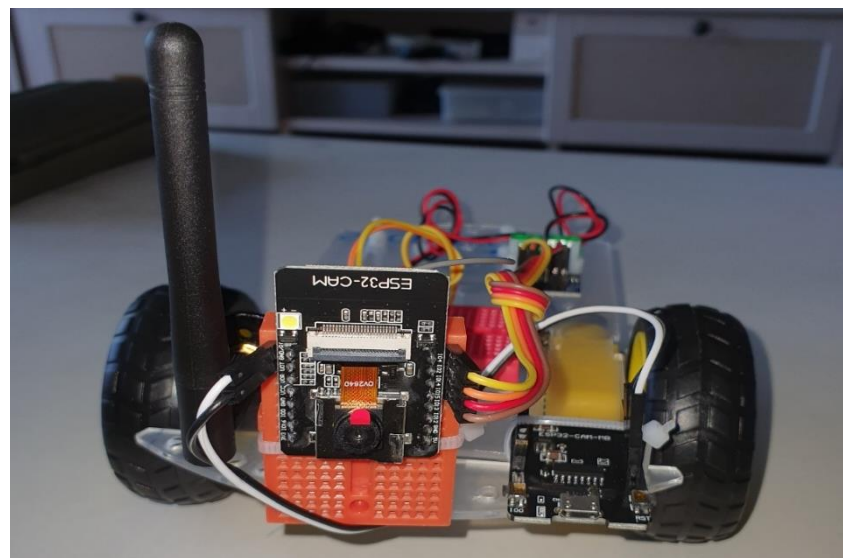


ESP32-CAM Car Control



7/15/2023

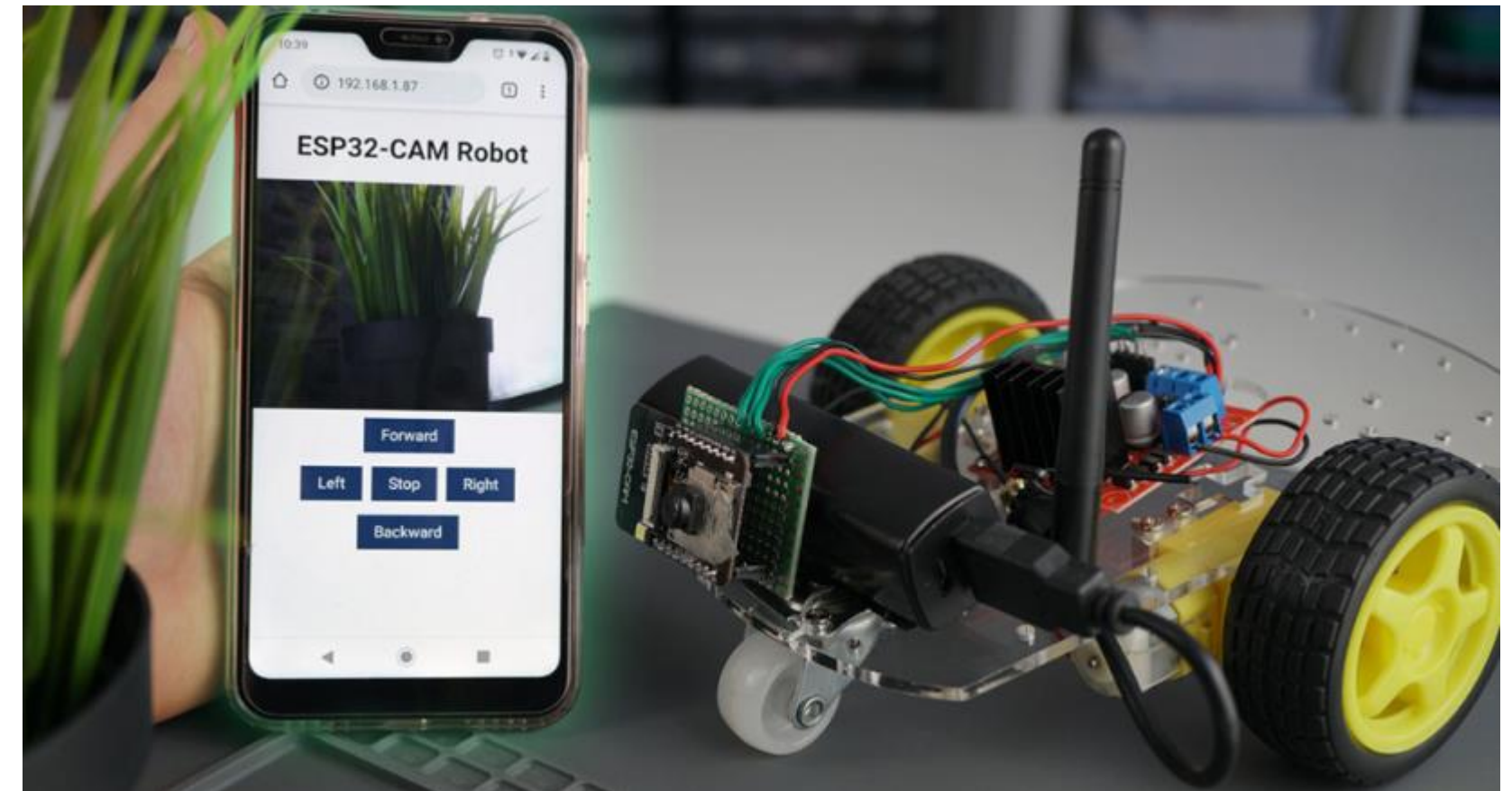
Sangwon Lee

List

- ☐ Reference Sites
- ☐ Antenna Performance Test
- ☐ DC motor rotation
- ☐ ESP32 robot control

Reference Site

- ❑ <https://dronebotworkshop.com/esp32cam-robot-car>
- ❑ <https://RandomNerdTutorials.com/esp32-cam-projects-ebook>

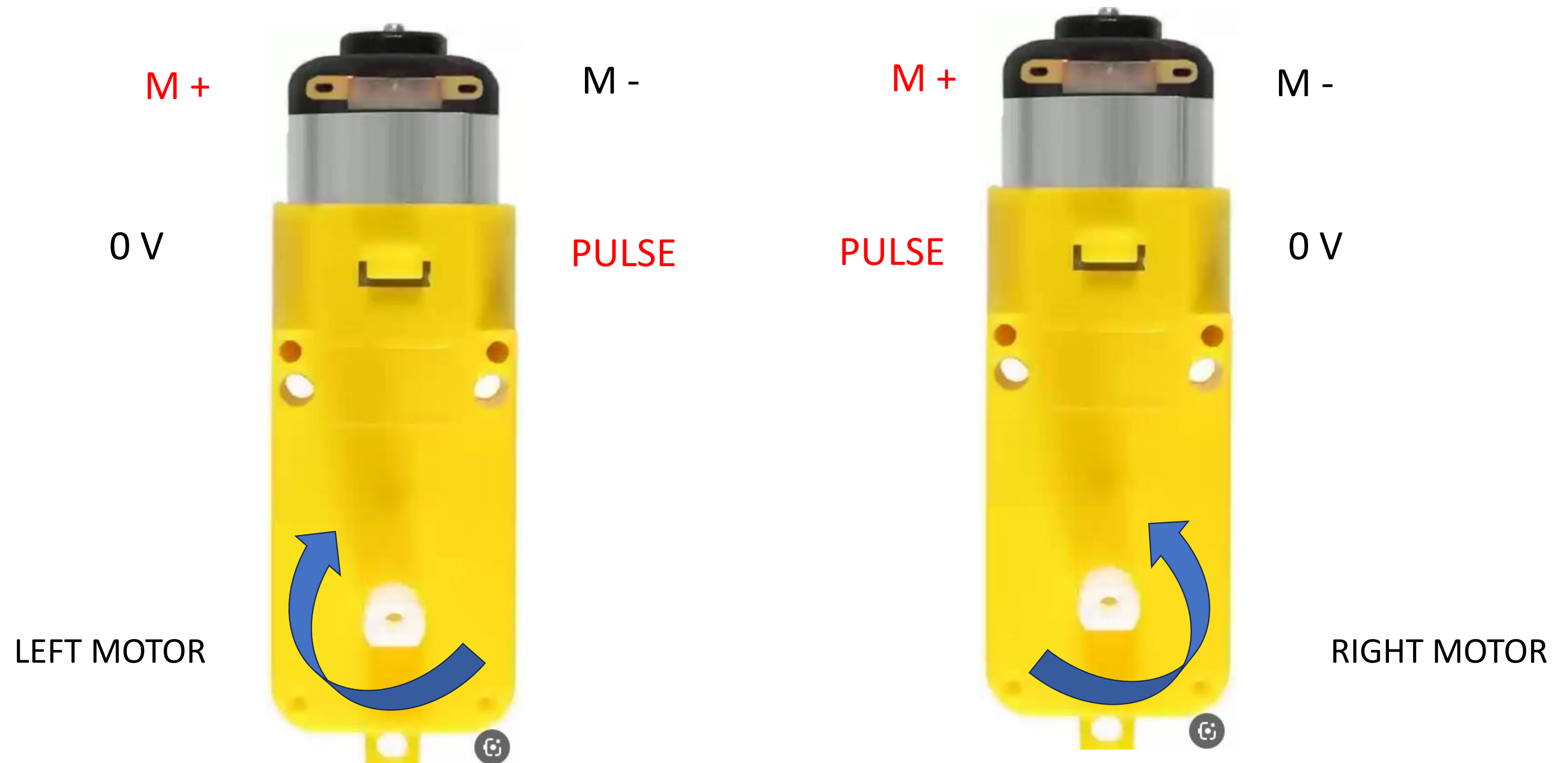


Antenna Performance Test

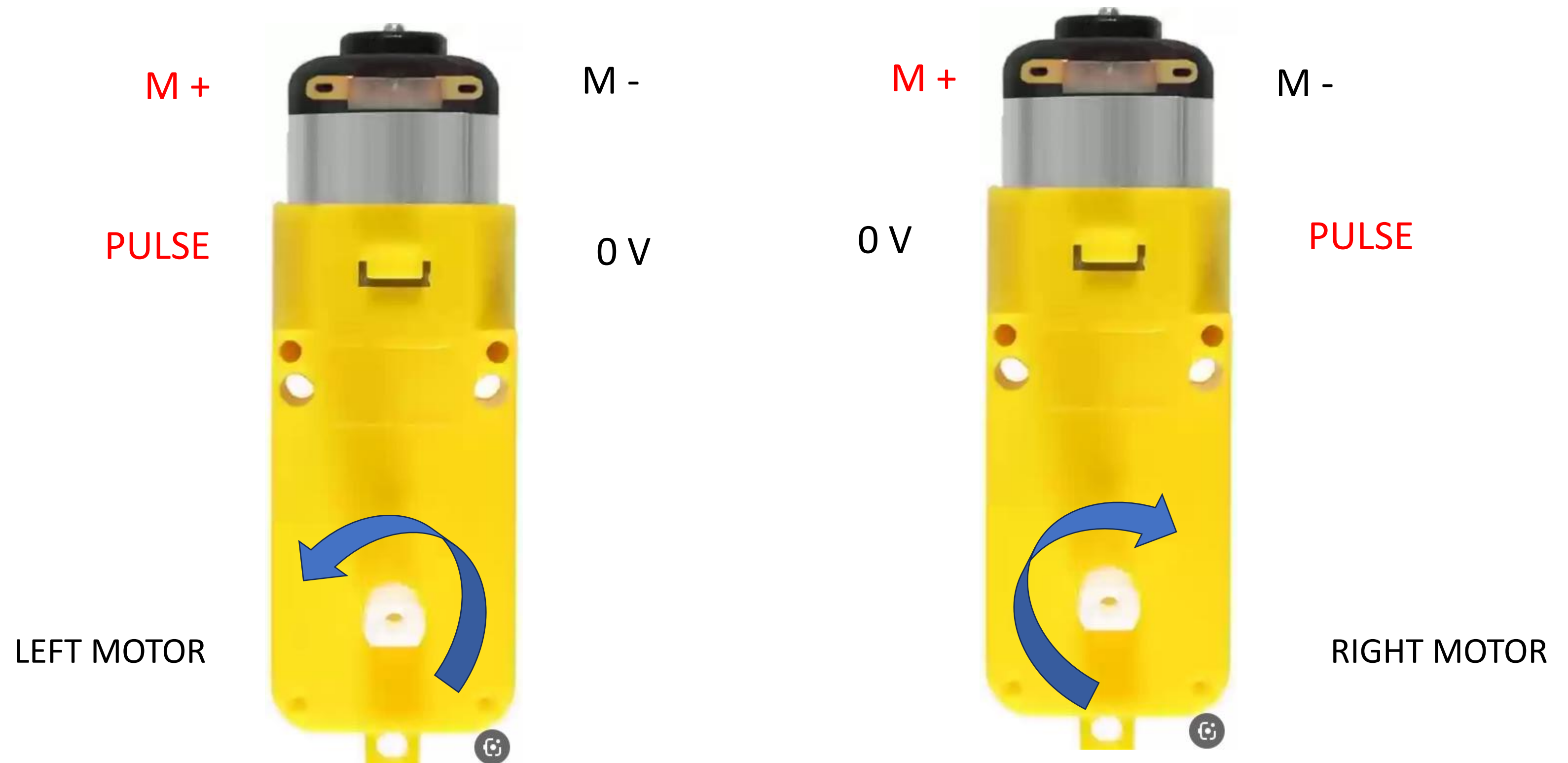
```
void setup(){  
  
    Serial.begin(115200);  
    WiFi.begin(ssid, password);  
    while (WiFi.status() != WL_CONNECTED) {  
        delay(500);  
        Serial.print("-");  
    }  
    // WiFi is connected  
    Serial.println("");  
    Serial.print("Connected to network ");  
    Serial.println(ssid);  
    delay(100);  
}
```

```
void loop(){  
    Serial.print(ssid);  
    Serial.print(" Signal Level: ");  
    Serial.println(WiFi.RSSI());  
    delay(2000);  
}
```

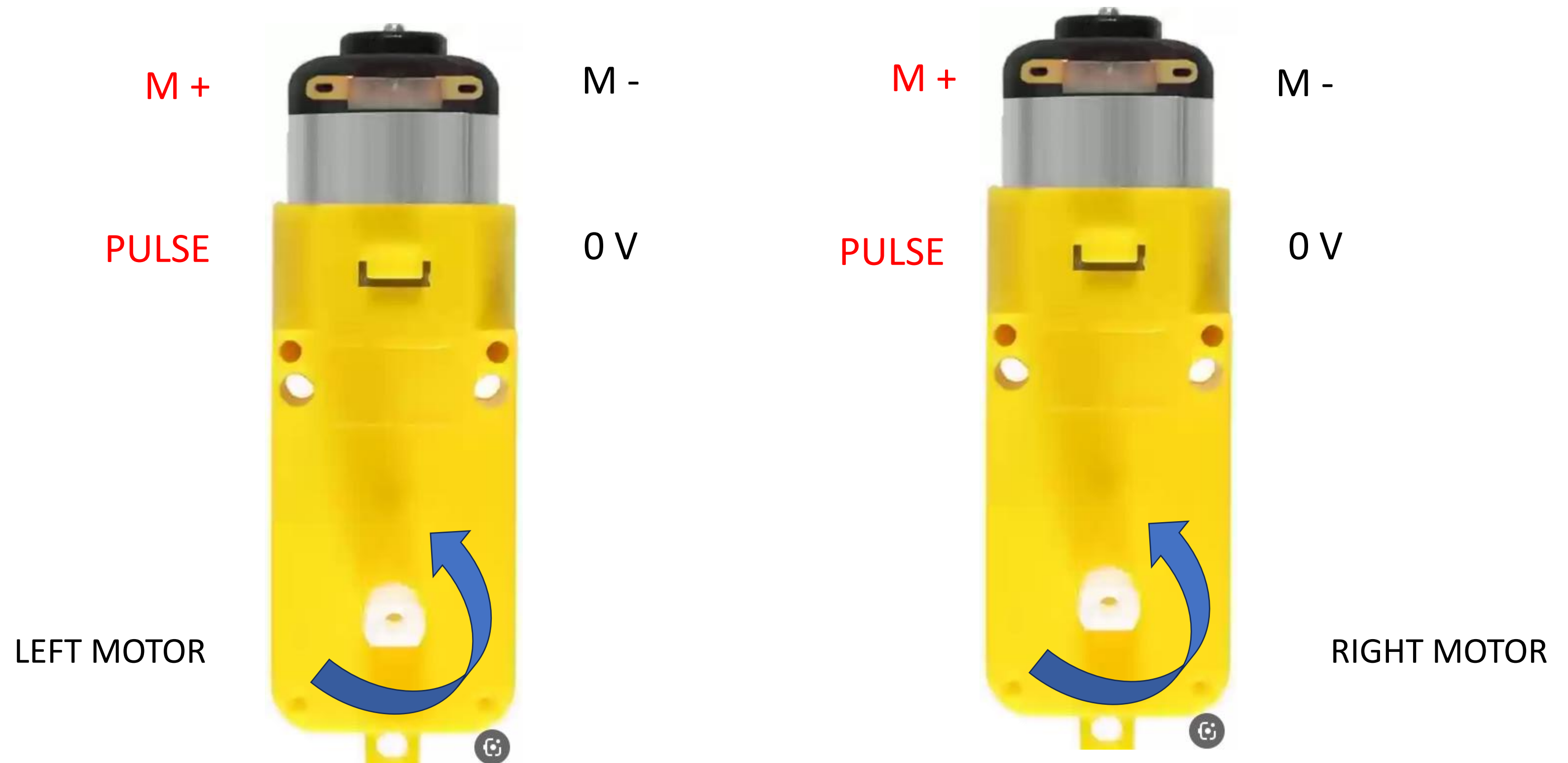

DC Motor Control (F)



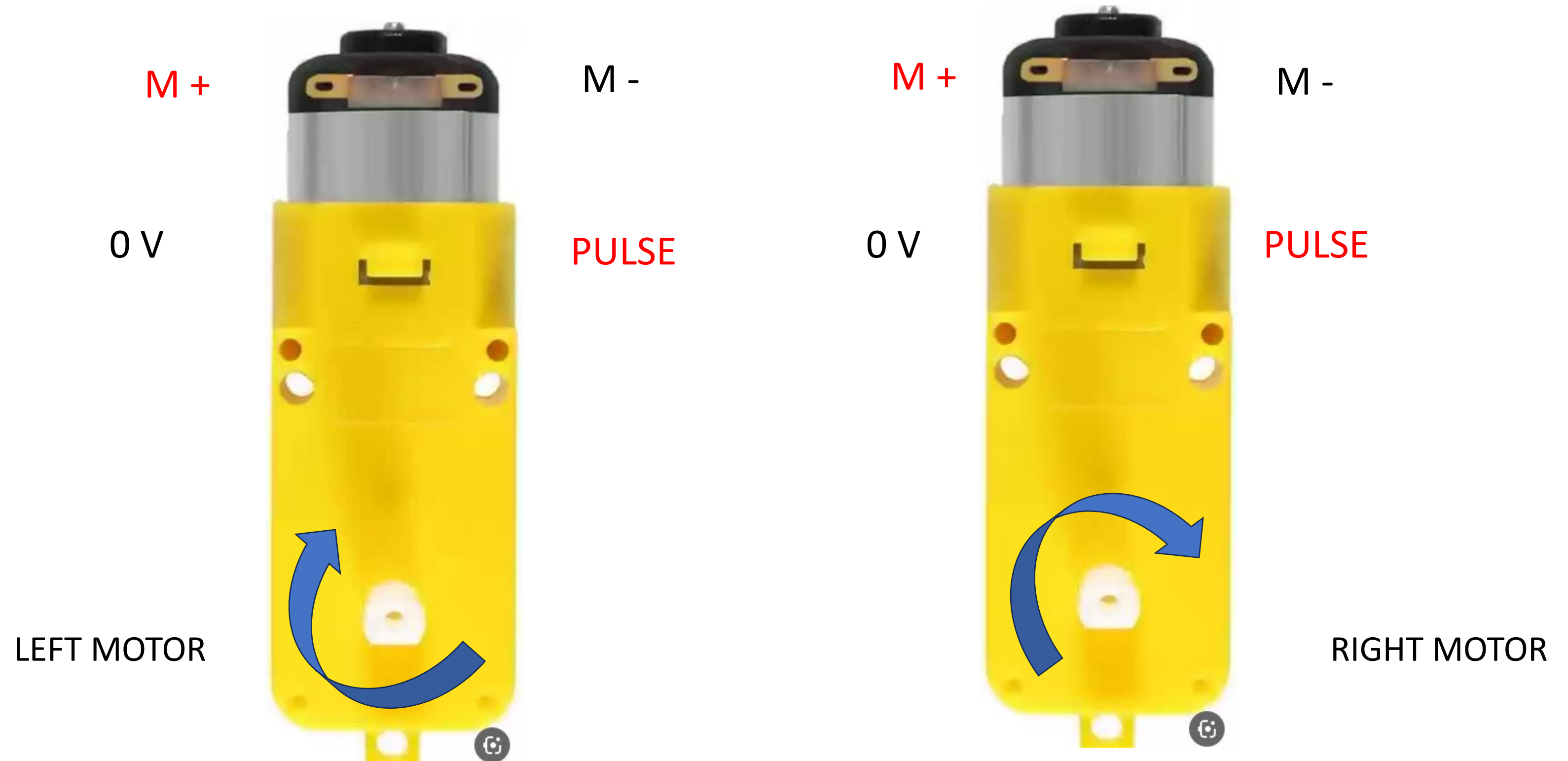
DC Motor Control (B)



DC Motor Control (Left Rotate)



DC Motor Control (Right Rotate)



ESP32CAM ROBOT

