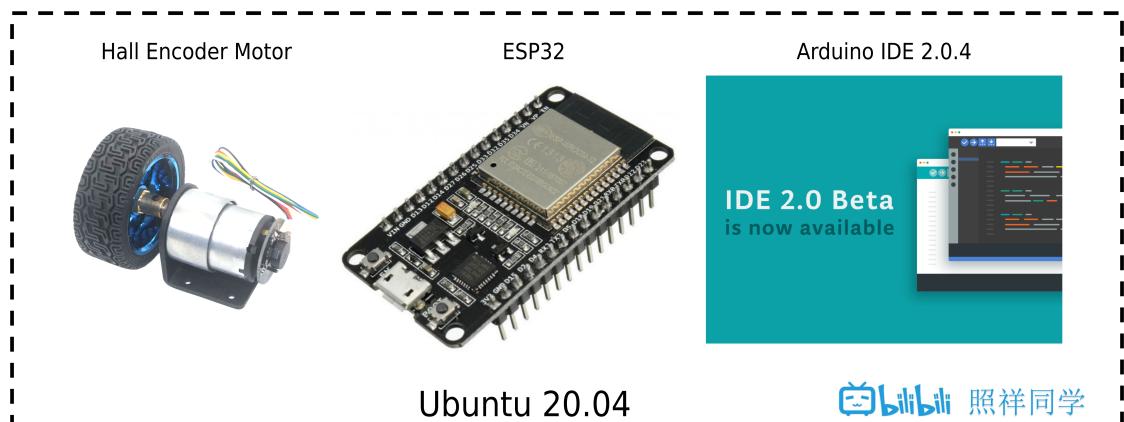


Chapter 3 ESP32_Hall_Encoder_Motor

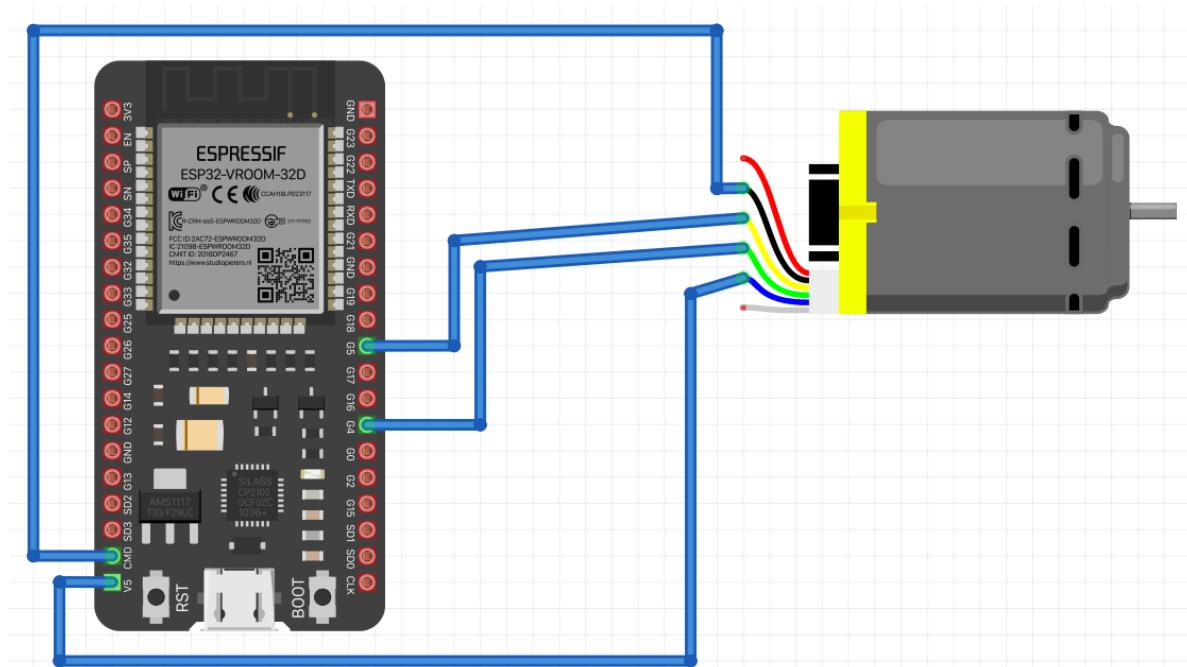


03-EPS32_Hall_encoder_motor

URL: https://github.com/ZhaoXiangBox/esp32_ros2_robot

Videos from Bilibili 照祥同学: [第三节：ESP32捕获霍尔编码电机的脉冲](#)

First : Connect Motor's Hall Encoder Sensor with ESP32



(From
Fritzing)

接线说明:

- | | | |
|--------------------|---------|---------------------|
| 霍尔传感器正极 + (蓝色) | <-----> | ESP32_Vin (5.0V) |
| 霍尔传感器负极 - (黑色) | <-----> | ESP32_Gnd (0V) |
| 编码器 Encoder A (绿色) | <-----> | ESP32_GPIO4 (Input) |
| 编码器 Encoder B (黄色) | <-----> | ESP32_GPIO5 (Input) |

