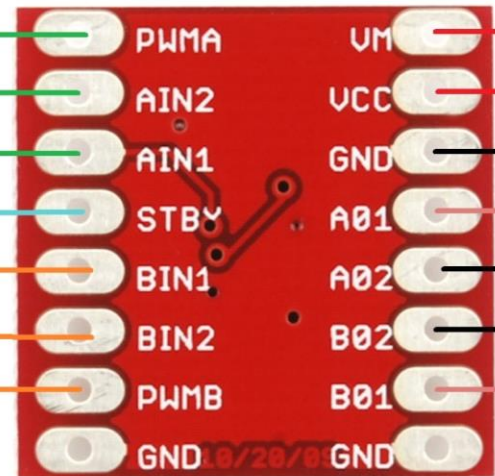
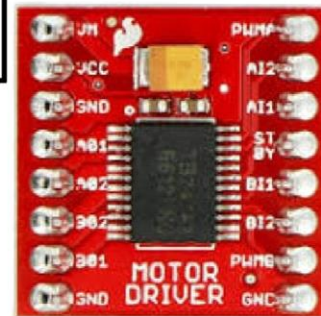
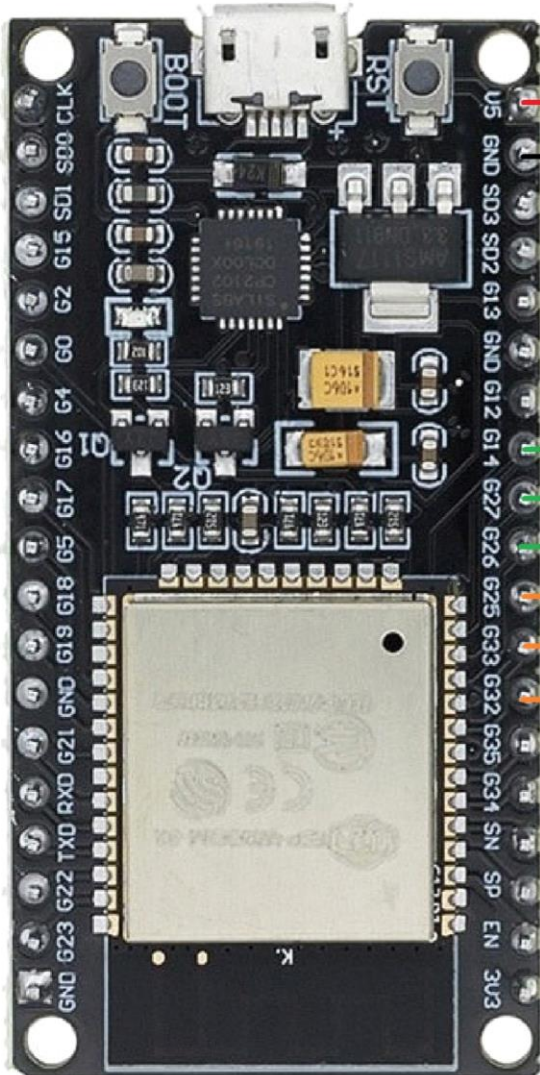
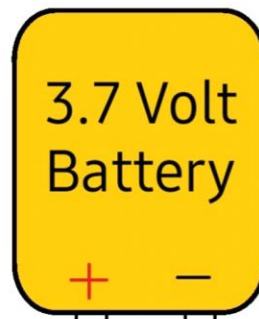




KRISH'S EXPERIMENT



TB6612FNG Pin	ESP32 Pin
VM	Battery +
VCC	3.3V
GND	GND
STBY	GPIO 4
AIN1	GPIO 27
AIN2	GPIO 26
PWMA	GPIO 14
BIN1	GPIO 33
BIN2	GPIO 32
PWMB	GPIO 25

1. Wiring Recap (ESP32 + TB6612FNG)

TB6612FNG Pin	ESP32 Pin	Description
VM	Battery +	Motor power (3.7V)
VCC	3.3V	Logic power
GND	GND	Common ground
STBY	GPIO 4	Standby (keep HIGH)
AIN1	GPIO 27	Left direction 1
AIN2	GPIO 26	Left direction 2
PWMA	GPIO 14	Left speed PWM
BIN1	GPIO 33	Right direction 1
BIN2	GPIO 32	Right direction 2
PWMB	GPIO 25	Right speed PWM