

Device Name	Device Foot Pins		Connection Cable Color	Connected to the device
	Initial	Destination		
STM32F103C8T6	PA1	ENA	Brown	Motor driver L298N
	PA2	IN1	Orange	
	PA3	IN2	Yellow	
	PB6	IN3	Blue	
	PB7	IN4	Green	
	PB8	ENB	Purple	
	PA9	RXD	Grey	JDY-31 SPP-C Bluetooth Module
	PA10	TXD	White	
	GND	GND	Black	
Motor driver L298N	Vout: 5 V	VCC	Red	Micro USB for STM32F103C8T6
	GND	GND	Black	
				Battery
	Vin (Max: 12 V)	Vout: 7.4 V	Red	Rocker Switch
	OUT1	Top: (-)	Black	Motor DC
	OUT2	Bottom: (+)	Red	
	OUT3	Bottom: (-)	Black	
	OUT4	Top: (+)	Red	
Rocker Switch	Vin	7.4 V	Red	Battery