

Module	Pins		Module	Pins
7.2vBattery Pack	+		Dual L298N Motor Drive Module	VCC
	-			GND
Motor 1(Left Bottom)	+			OUT11
	-			OUT12
Motor 2 (Right Bottom)	+			OUT13
	-			OUT14
Motor 3 (Left Up)	+			OUT15
	-			OUT16
Motor 4 (Right Up)	+			OUT17
	-			OUT18
Dual L298N Motor Drive Module	IN1		51MCU Module	P1.0
	IN2			P1.1
	IN3			P1.2
	IN4			P1.3
	IN5			P1.4
	IN6			P1.5
	IN7			P1.6
	IN8			P1.7
	+5			+5
	GND			CND
Probe 1 (Left Up)	VCC		4 Channel Tracing Module	VCC
	GND			GND
	OUT			IN1
Probe 2 (Left Mid)	VCC			VCC
	GND			GND
	OUT			IN2
Probe 2 (Left Bottom)	VCC			VCC
	GND			GND
	OUT			IN3
Probe 2 (Right Mid)	VCC			VCC
	GND			GND
	OUT			IN4
4 Channel Tracing Module	VCC		51MCU Module	+5
	GND			GND
	OUT1			P2.0
	OUT2			P2.1
	OUT3			P2.2
	OUT4			P2.3
SG90	VCC			+5
	GND			GND
	SIG			P2.7
Infrared Remote Control Module	VCC			+5
	GND			GND
	IN			P3.3
Ultrasonic Module	VCC			+5
	TX			P3.4
	RX			P3.5
	GND			GND