

wire connect table

Arduino UNO	v5.0		Module
D11	G	G	Line tracking module #1
	V	V+	
	S11	S	
D4	G	G	Line tracking module #2
	V	V+	
	S4	S	
D2	G	G	Line tracking module #3
	V	V+	
	S2	S	
D3	G		SG90
	V		
	S3		
D10	S10	ENA	L298N(Motor driver board)
D9	S9	N1	
D8	S8	N2	
D7	S7	N3	
D6	S6	N4	
D5	S5	ENB	
D12	G	G	Infrared receicer module
	V	R	
	S12	Y	
A5	A5	Vcc	Ultrasonic Sensor module
A4	A4	Trlg	
	G	Echo	
		Gnd	
	+	VCC	Bluetooth module
	-	GND	
D0 (RX)	RX	TXD	
D1 (TX)	TX	RXD	

L298N board	Motor	Control Pin
OUT1	Brack wire	N1, N2
OUT2	Red wire	
OUT1	Brack wire	
OUT2	Red wire	
OUT3	Brack wire	N3, N4
OUT4	Red wire	
OUT3	Brack wire	
OUT4	Red wire	

- PS:1.V, +, Vcc, VCC, V+ connect to UNO board +5v
2.GND,G, connect to UNO board GND
3.the fill color is the wire color
4.the uno pin A0~A3 have never use in the car