

wire connect table

Arduino UNO	v5.0		Module
D10	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		
D5	S10	ENA	L298N(Motor driver board)
D6	S9	N1	
D7	S8	N2	
D8	S7	N3	
D9	S6	N4	
D11	S5	ENB	
D12	G	G	Infrared receicer module
	V	R	
	S12	Y	
A5	V	Vcc	Ultrasonic Sensor module
A4	A5	Trlg	
	A4	Echo	
	G	Gnd	
D0 (RX) D1 (TX)	+	VCC	Bluetooth module
	-	GND	
	RX	TXD	
	TX	RXD	

L298N board		Motor	Control Pin
OUT1	Brack wire	Right back motor	N1, N2
	Red wire		
OUT2	Brack wire	Right front motor	N3, N4
	Red wire		
OUT3	Brack wire	Left front motor	
	Red wire		
OUT4	Brack wire	Left back motor	
	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