

wire connect table

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

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

- 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