

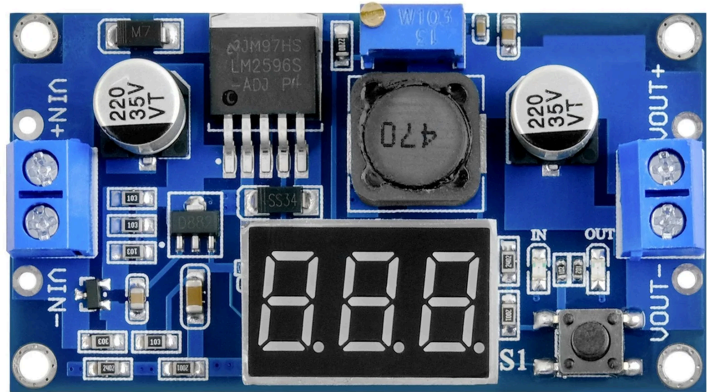
Battery to Buck module		
Battery (REF 1)	Buck (REF 2)	
Red wire	VIn +	
Black wire	VIn -	
Buck to motor driver (L298n)		
Buck	L298n (REF 3)	
VOut +	+12V	
VOut -	GND	
L298n to Arduino Nano and Sensor		
L298n	Arduino nano (REF 4)	Sensor (REF 5)
+5V	5v	5v
GND	Gnd	Gnd
Sensor to Arduino Nano		
Nano	Sensor	
A0	OUT 1	
A1	OUT 2	
A2	OUT 3	
A3	OUT 4	
A4	OUT 5	
L298n to Arduino Nano		
L298n	Nano	
EN A	D10	
IN 1	D9	
IN 2	D8	
IN 3	D7	
IN 4	D6	

EN B	D5
L298n to Motor	
L298n	Motor (REF 6)
OUT 1	LEFT MOTOR RED
OUT 2	LEFT MOTOR BLACK
OUT 3	RIGHT MOTOR RED
OUT 4	RIGHT MOTOR BLACK

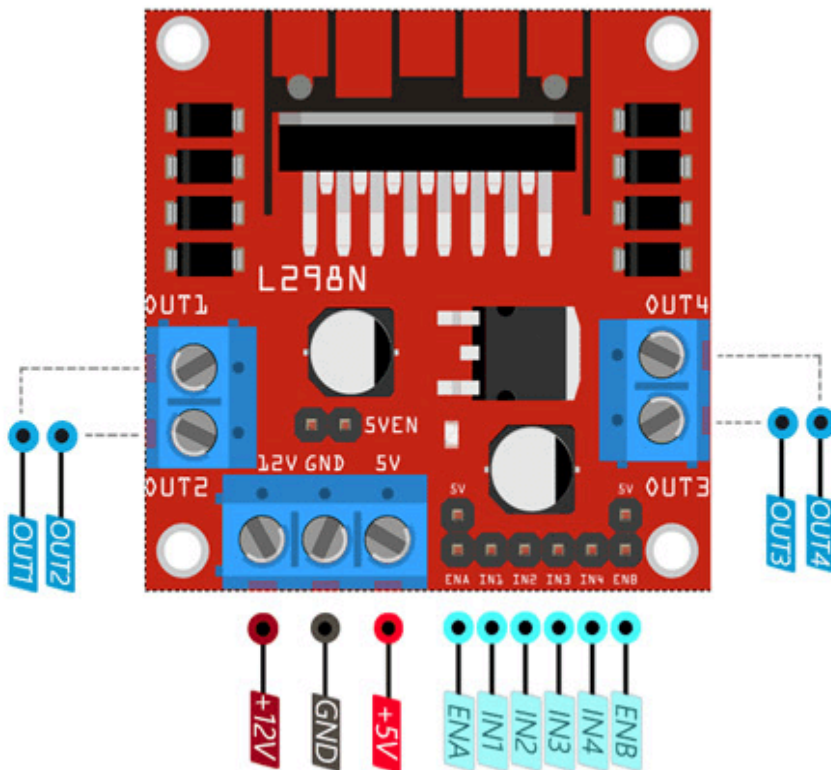
REF 1 (BATTERY):



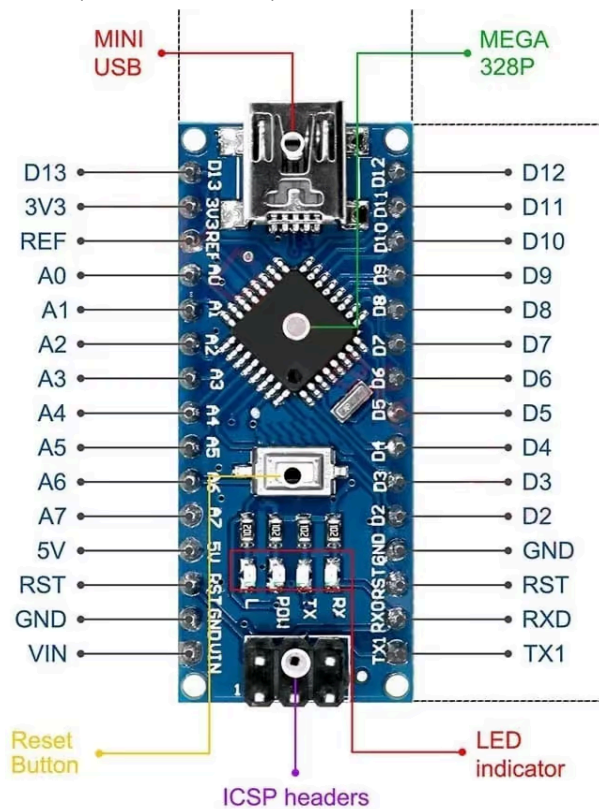
REF 2 (BUCK):



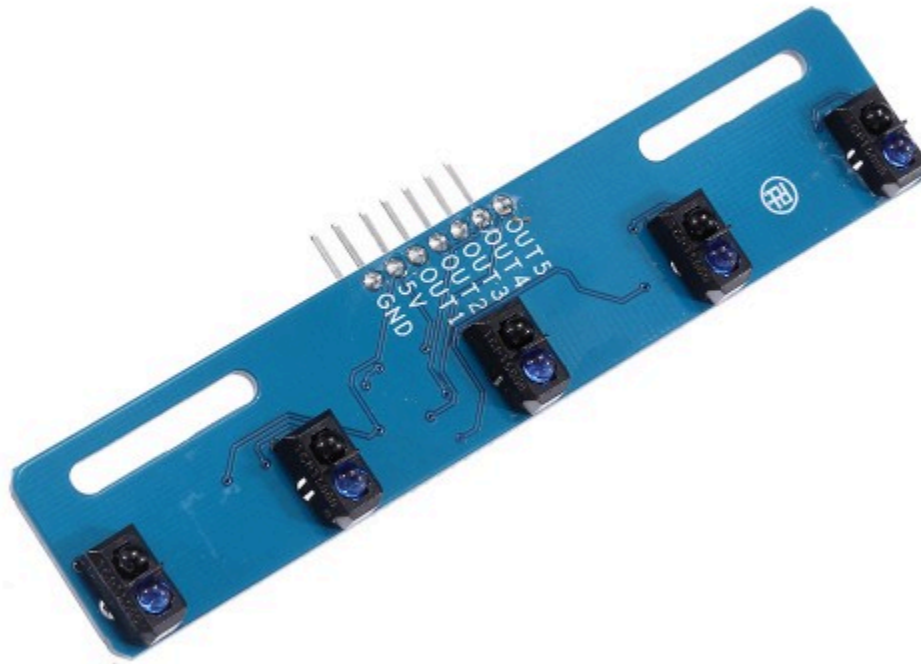
REF 3 (L298n):



REF 4 (ARDUINO NANO):



REF 5 (SENSOR):



REF 6 (MOTOR):

