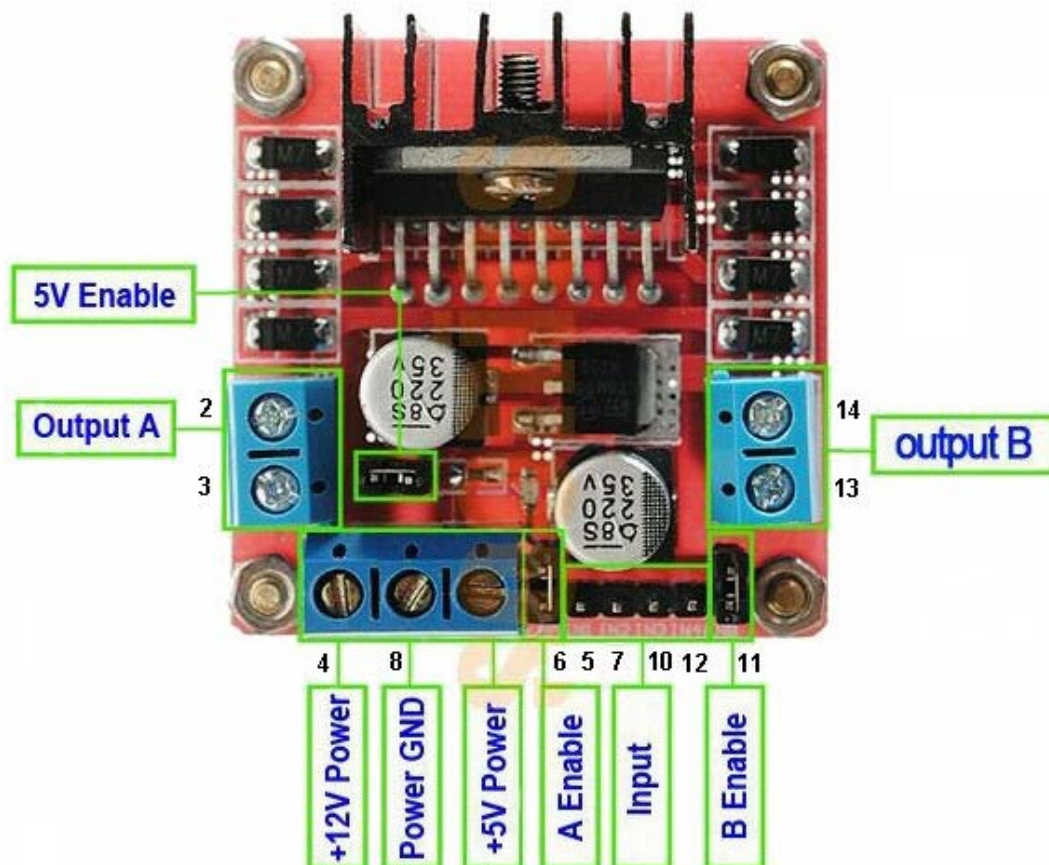
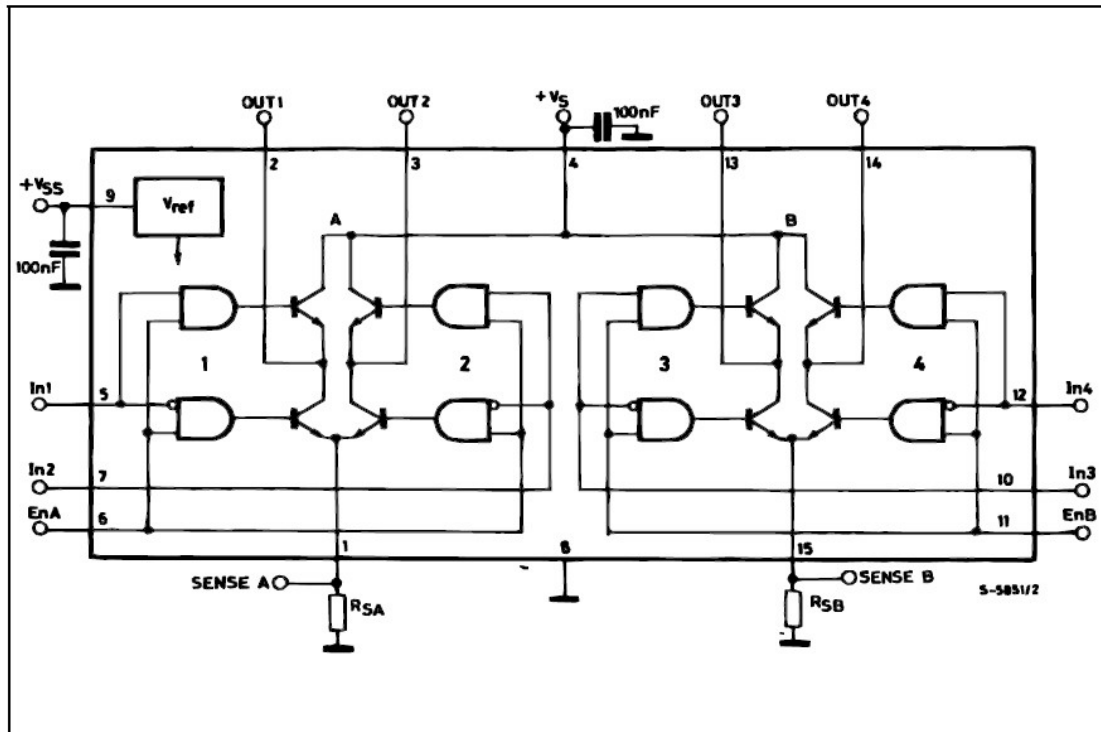




L298 DUAL FULL-BRIDGE DRIVER

BLOCK DIAGRAM



L298 H-bridge Module Pinout as per photo above and L298 chip

2	OUT 1		6	EN A
3	OUT 2		5	IN1
			7	IN2
4	+12V INPUT		10	IN3
8	GND		12	IN4
			11	EN B
			13	OUT 3
			14	OUT 4

Unipolar TEC (cooling only)

PIN		
2	+TEC (red)	Connect –TEC (black) to SUPPLY GND
4	+12V	
8	GND	
5	PWM	

Bipolar TEC (cooling and heating)

PIN	Cooling	Heating
2	+TEC (red)	
3	-TEC (black)	
4	+12V	
8	GND	
5	PWM	Inverted PWM
7	LOW	HIGH

Bipolar TEC – Alternative

PIN	Cooling	Heating
5	PWM	LOW
7	LOW	PWM