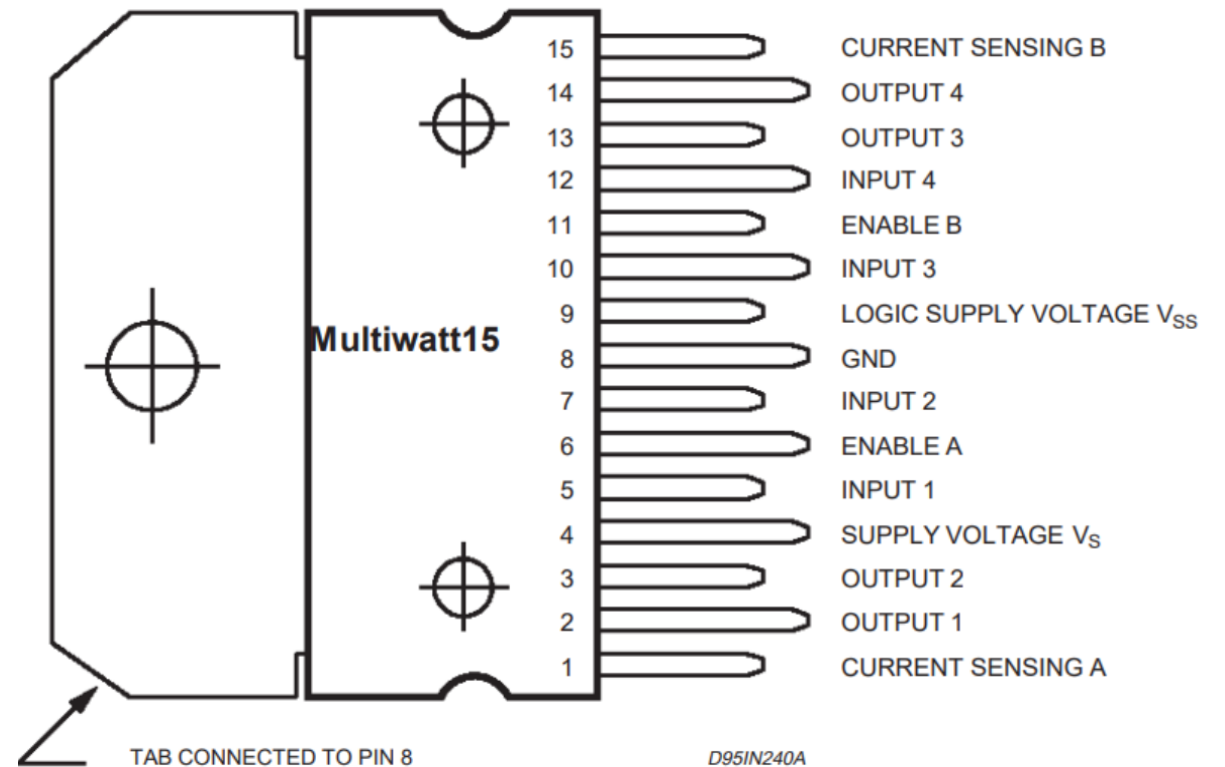


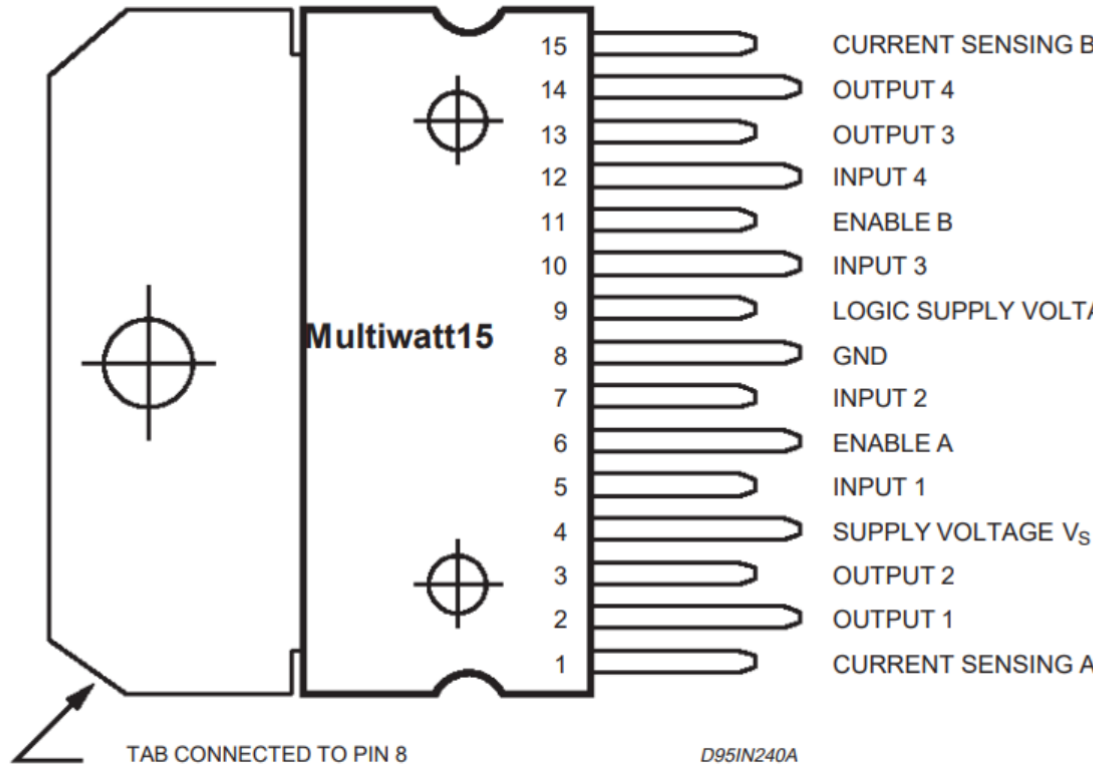
# **L298N MOTOR DRIVER**

# L298N 모터 구동드라이버 핀 맵

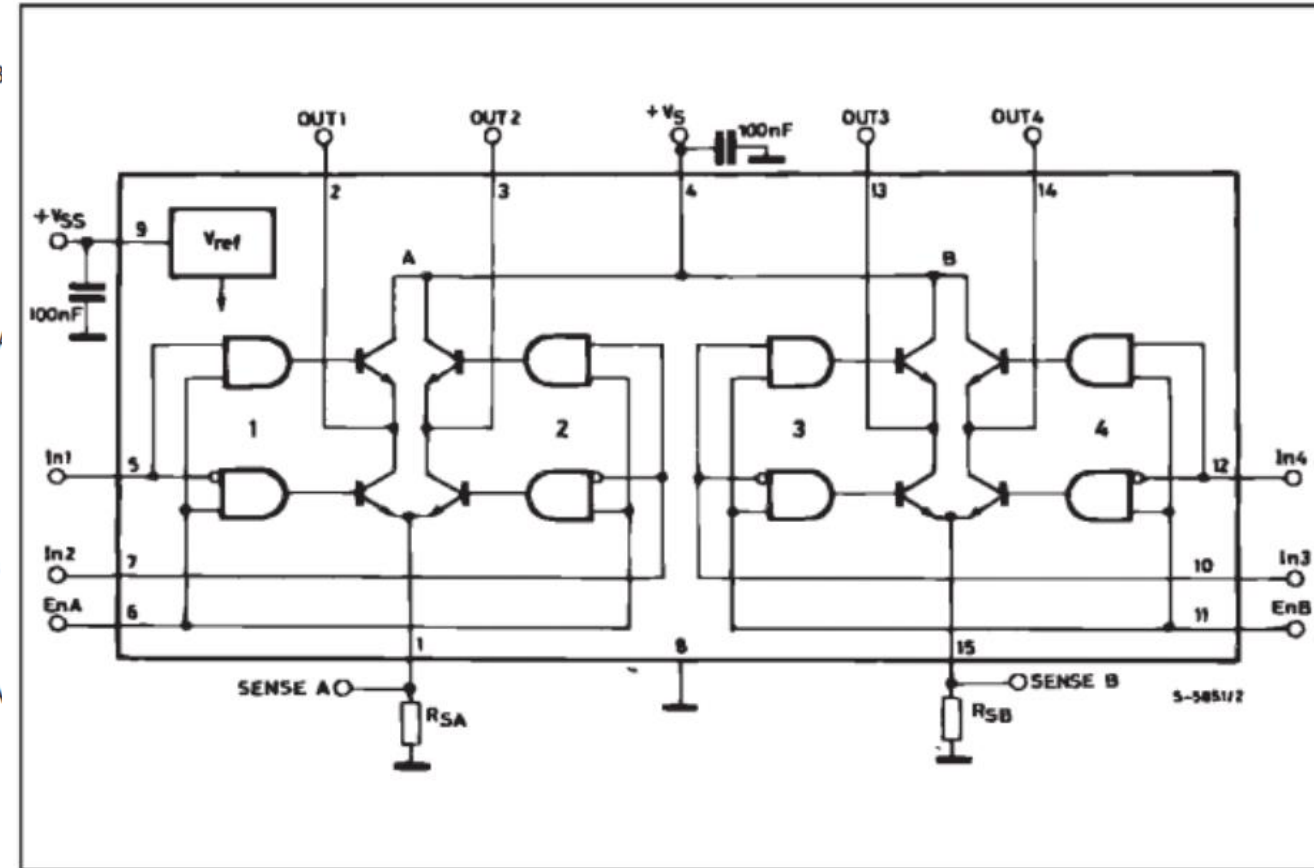
- 8,9번은 298의 전원, 4,8번은 모터의 전원
- INPUT1,2는(5,7번) 첫번째 모터의 입력,  
OUTPUT 1,2(2,3번)은 첫번째 모터의 출력
- 두번째 모터는 INPUT3,4 OUTPUT 3,4로 사용

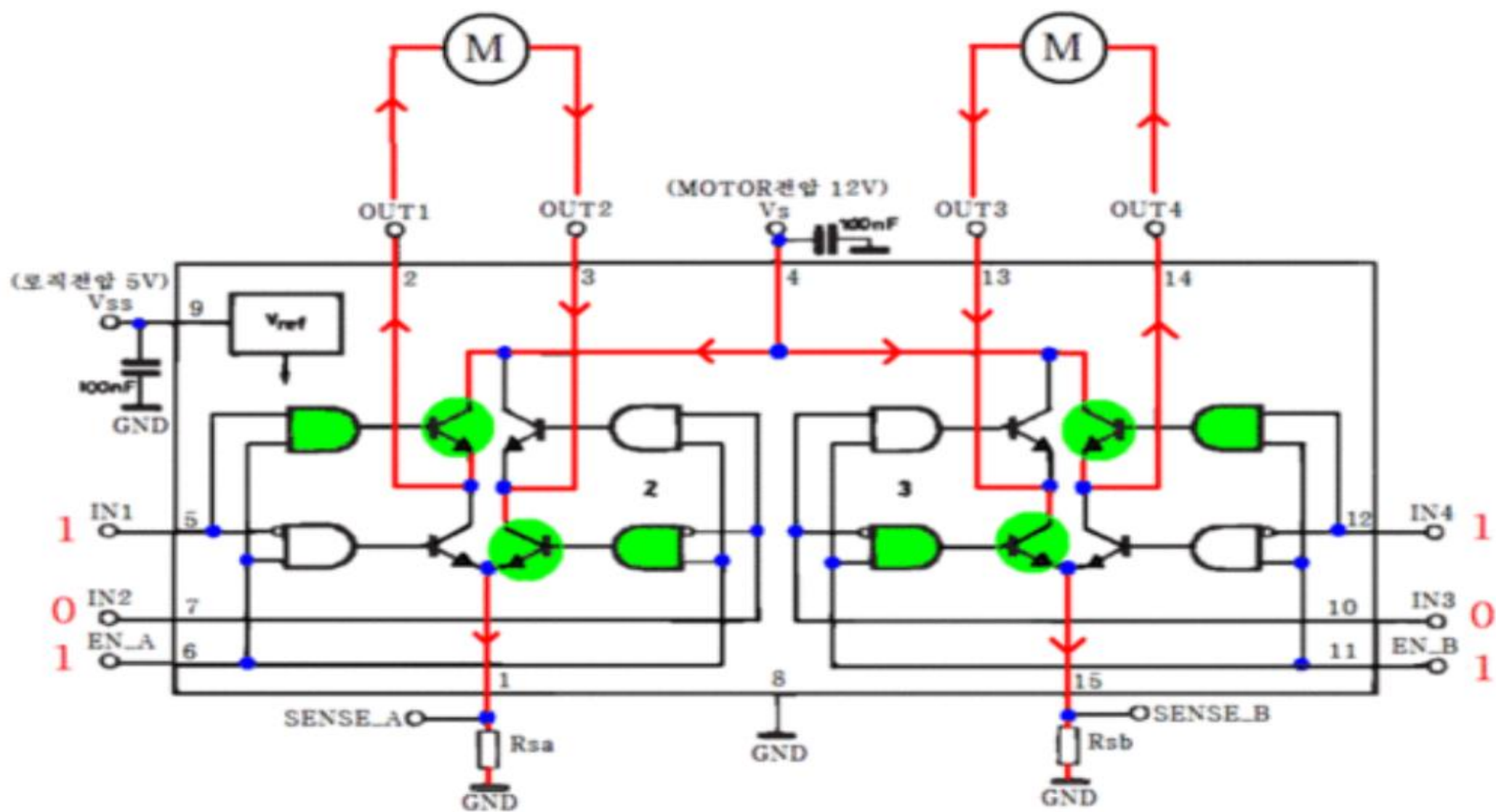


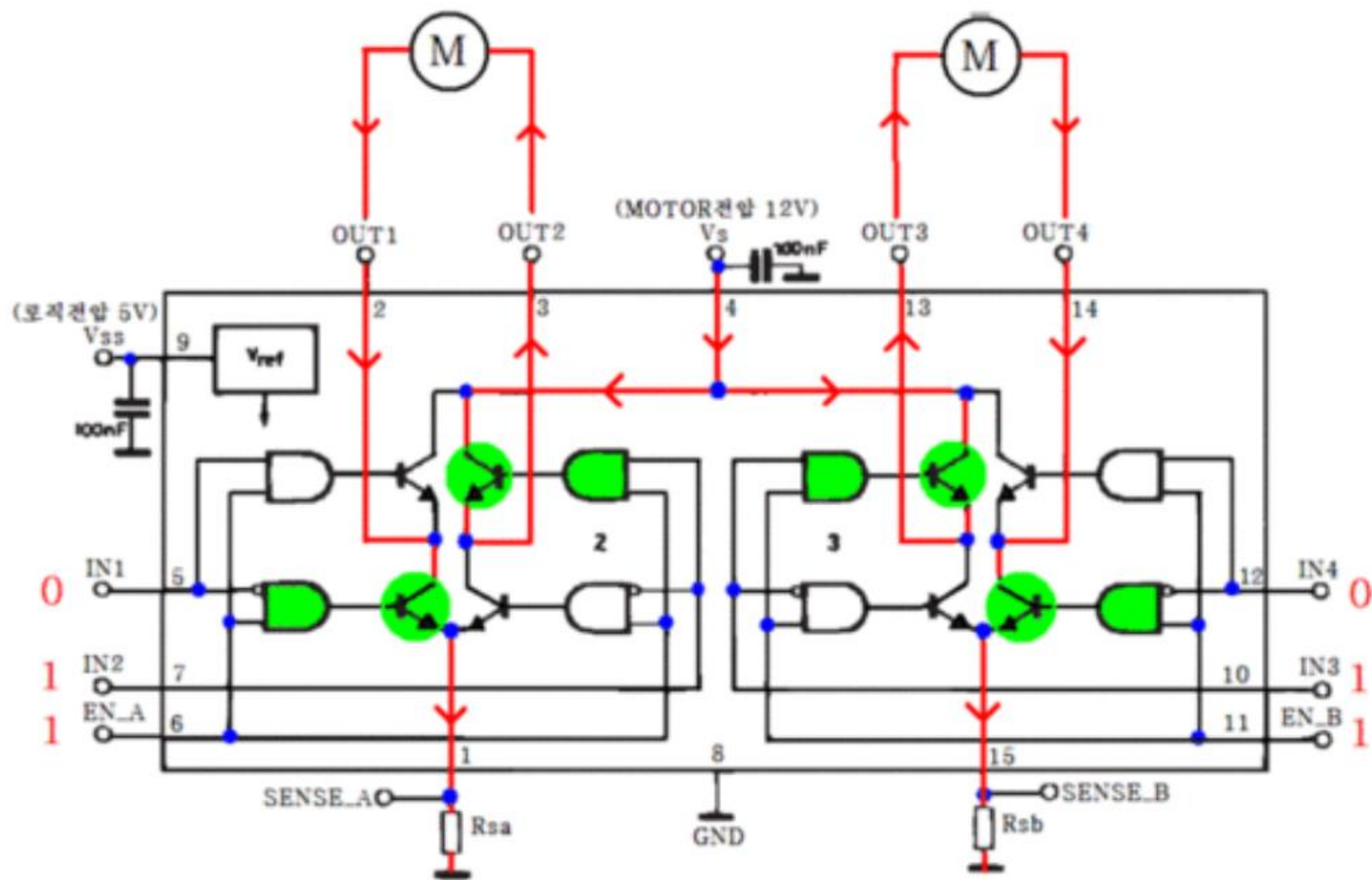
# L298N 심볼 및 회로도



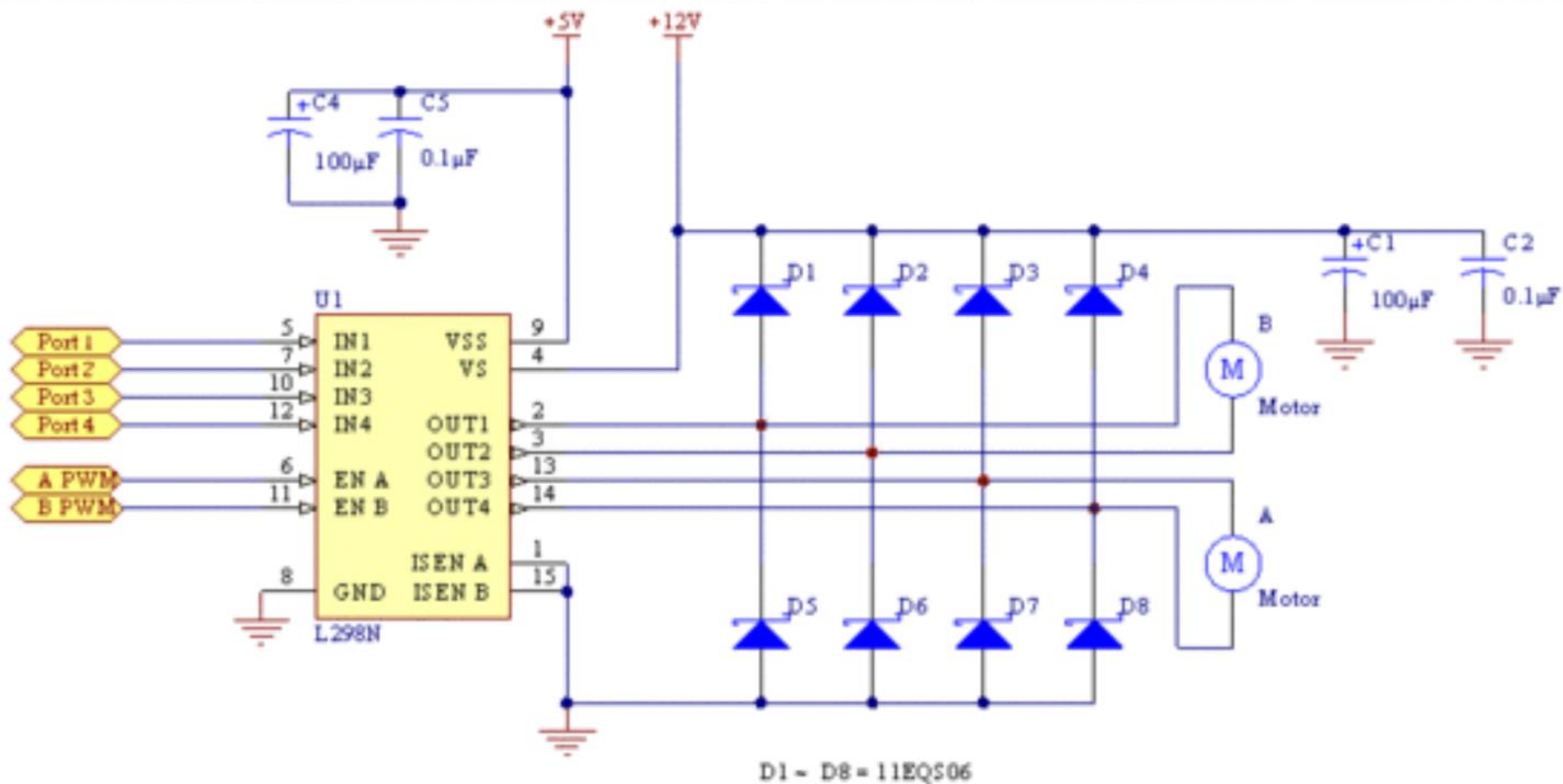
BLOCK DIAGRAM





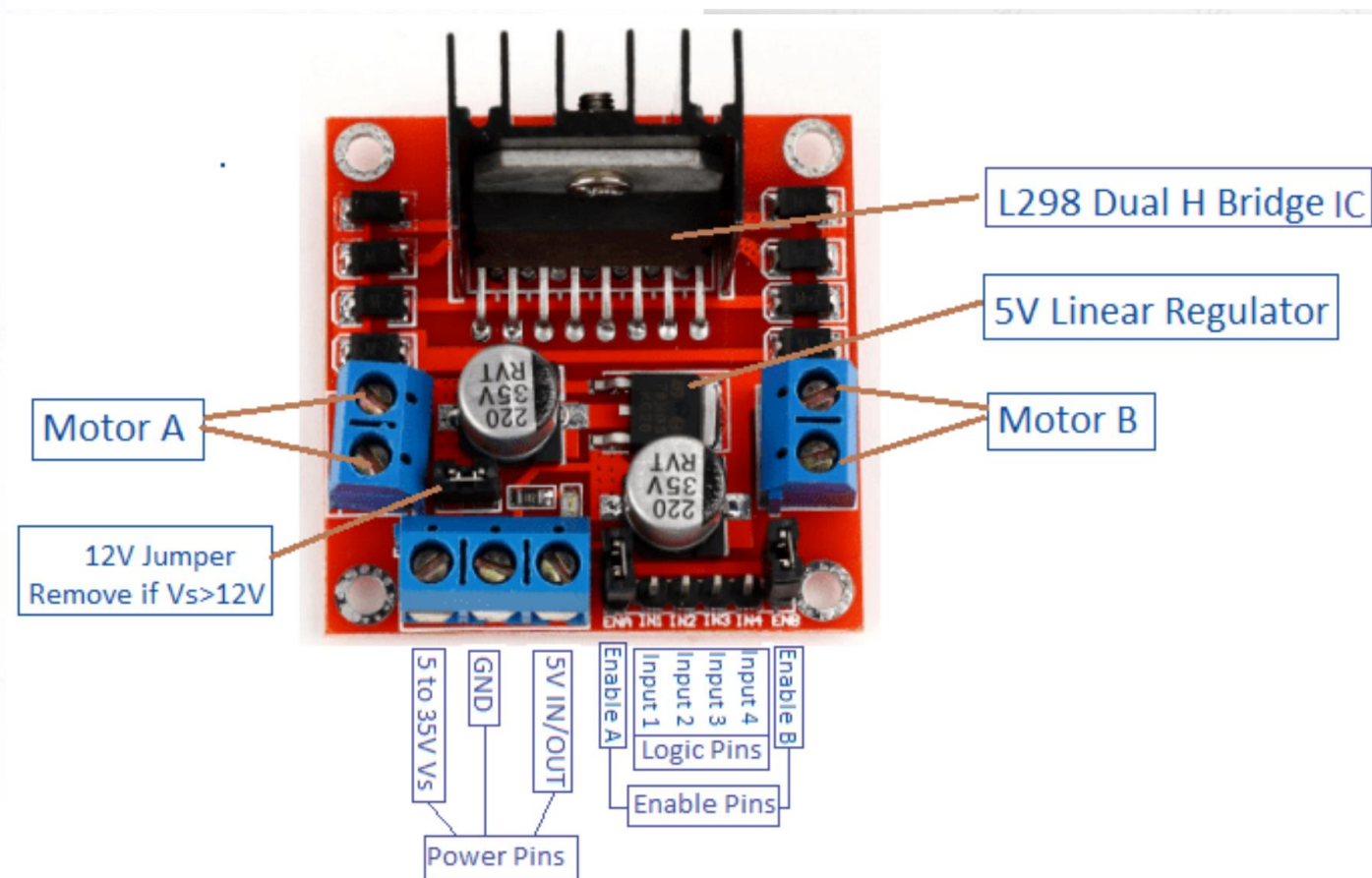
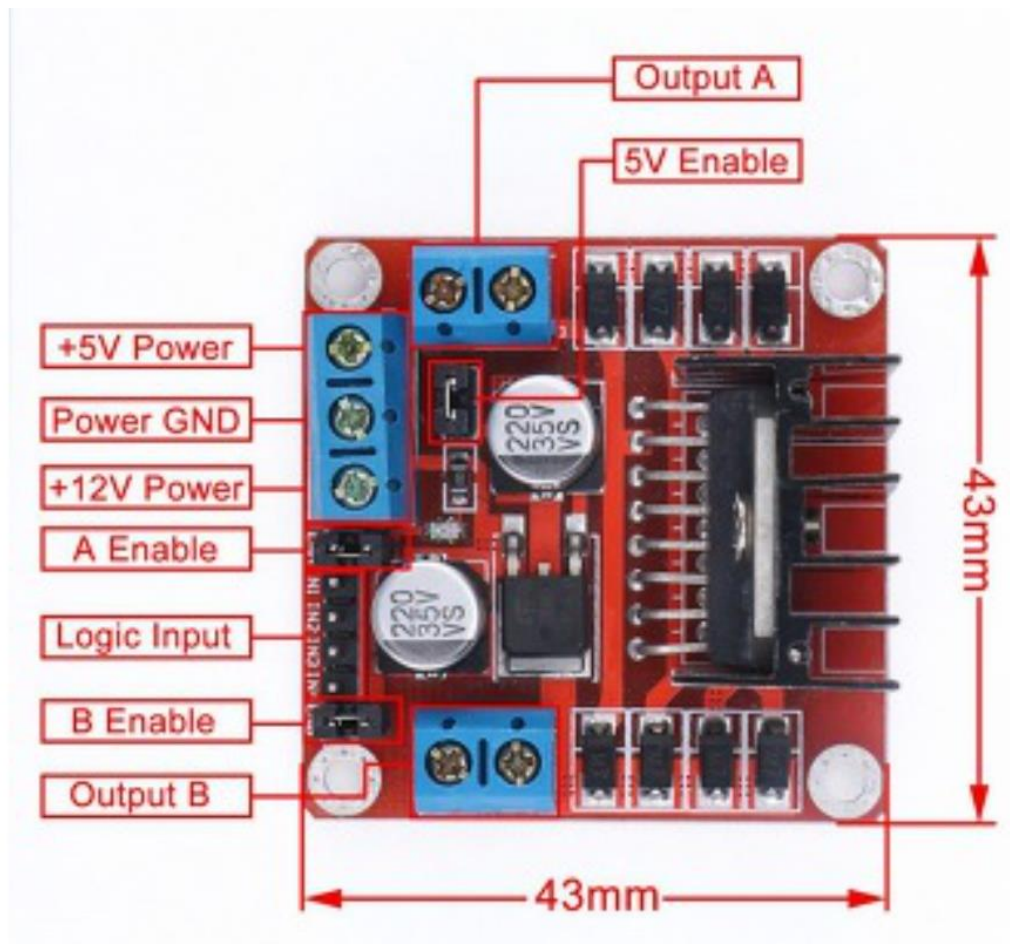



# 회로도





# L298N 모터 드라이버 제품





```
pinMode(IN1, OUTPUT);  
pinMode(IN2, OUTPUT);
```

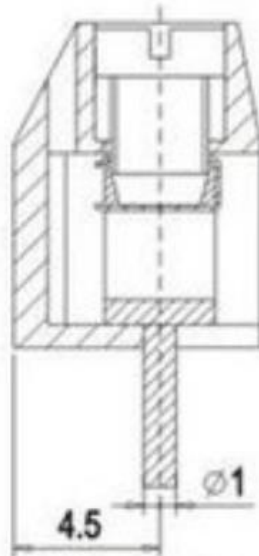
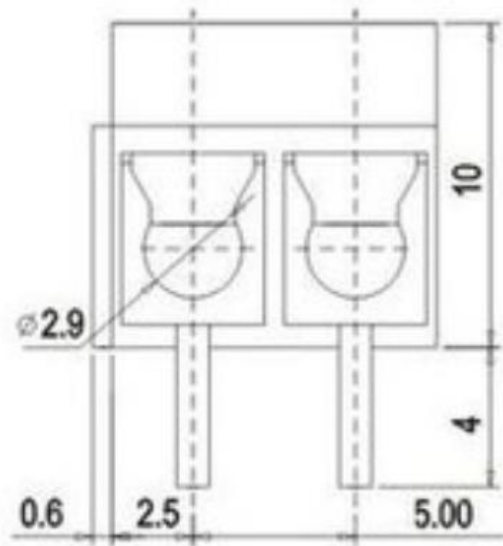
```
// Motor A: IN1/2로 제어  
// IN1 전압 > IN2 전압 : 전류가 1>2로 흐름. 모터 회전  
digitalWrite(IN1, HIGH);  
digitalWrite(IN2, LOW);  
delay(2000);
```

```
// 반대 방향 회전  
digitalWrite(IN1, LOW);  
digitalWrite(IN2, HIGH);  
delay(2000);
```

```
// 모터 멈춤. 둘다 LOW면 모터를 꺼둔, 풀린 상태라고 함.  
digitalWrite(IN1, HIGH);  
digitalWrite(IN2, HIGH);
```



# KF301-2P 5mm 피치 커넥터



N=Number of contacts

P.C.B.LAYOUT

