

Dual H Bridge DC Stepper Motor Drive Controller Board Module L298N for Arduino Smart Car Robot

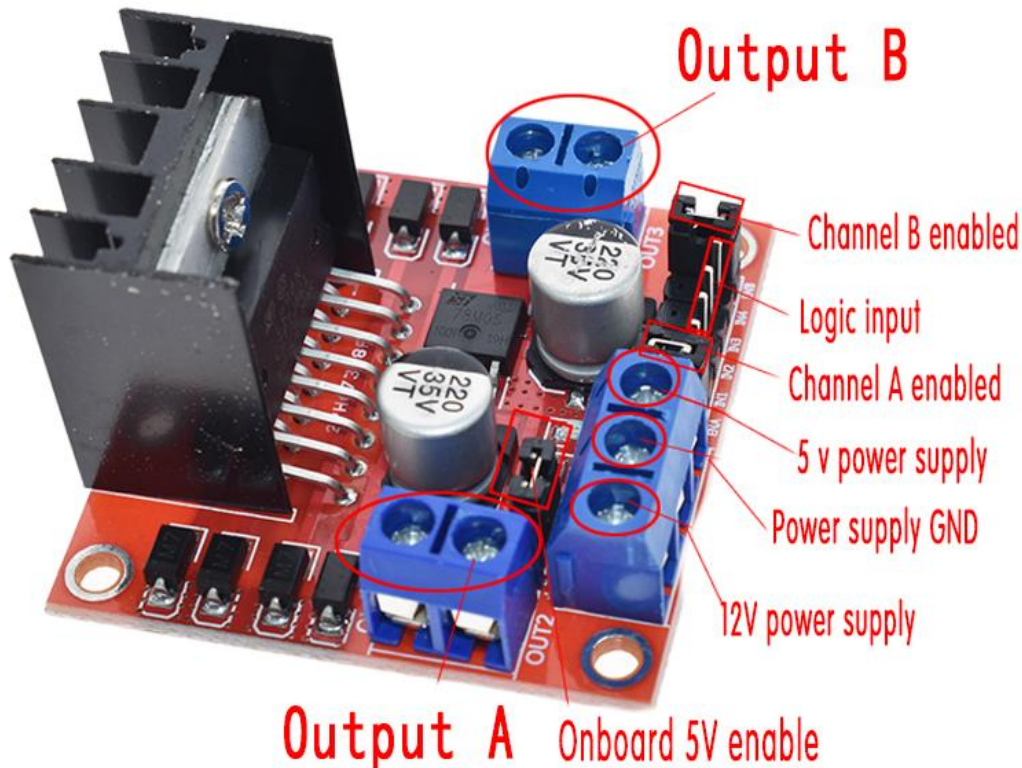
Product Description:

The L298N driver module, using ST L298N chip can directly drive two 3-30V DC motor, and provides a 5V output interface, you can chip circuitry to 5V power supply, support 3.3VMCU control, you can easily control the DC motor speed and direction, you can also control the 2-phase stepper motor, smart car essential.

Product Parameters:

1. Driver chip: L298N dual H-bridge driver chip
2. Terminal driver part of the supply area VMS: +5V ~ +35V
3. Drive part of the peak current I_o : 2A / Bridge
4. Logical part of the terminal power supply range V_{ss} : 4.5-5.5V
5. Logical part of the operating current range: 0 ~ 36mA
6. The control signal input voltage range: 4.5-5.5V low 0V high
7. Maximum power consumption: 20W
8. Storage temperature: -25 ~ +130
9. Driver Board Size: 55mm * 60mm * 30mm
10. Driver board Weight: 33g
11. Other features: control direction indicator, power indicator, current detection, logical part of the plate to take power interface.

Port function introduction



Note:

1. When you drive voltage (the figure identified as 12V input, can accept the actual input range is 7-12V) to 7V
-12V, You can enable the on-board 5V logic supply, when using the onboard 5V power supply, interface + 5V
Do not enter the power supply voltage, but can lead to 5V voltage for external use. (This is the routine use!)
2. When the drive voltage higher than 12V, equal to less than 24V (chip can support manual proposes to 35V, but in accordance with an
298 Conservative general inspection applications to 24V maximum voltage support has been very great! Time), such as to drive the rated voltage
18V motor. First, you must unplug the onboard 5V output enable jumper caps. And then 5V 5V output port External Access
L298N internal voltage logic circuitry. (This is a high-voltage driver unconventional application)

