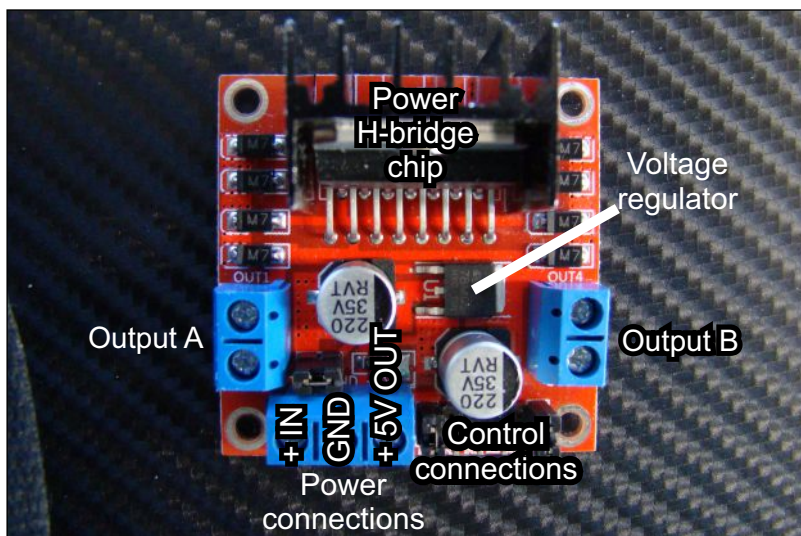




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L298 Dual H-bridge board wiring & connections

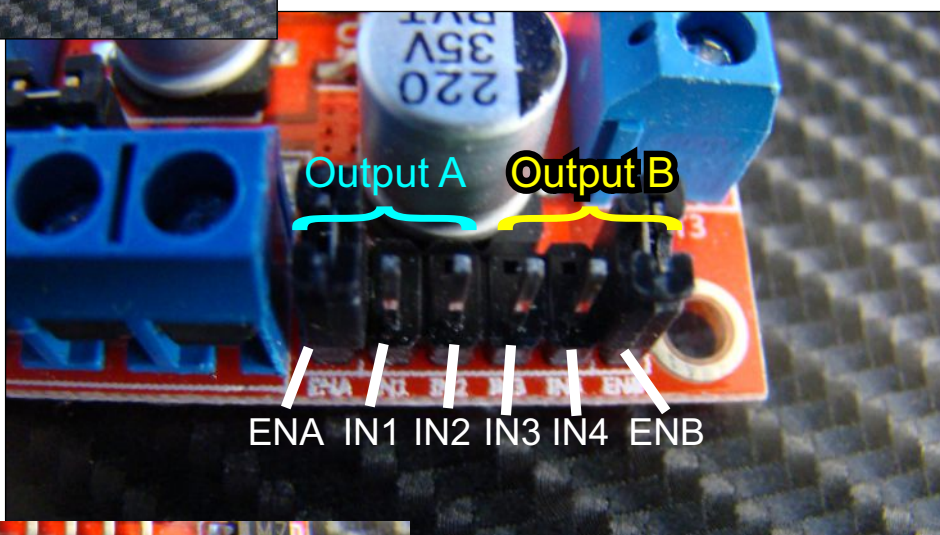


Control connections ENA, IN1 and IN2 control the power output on Output A. Control connections ENB, IN3 and IN4 control the power output on Output B.

Remove the jumpers connecting the pins on ENA and ENB (but save these jumpers for use later on as these are needed for stepper motor drives).

The IN lines control the direction of the motor, the EN lines turn the motor on or off.

Provide supply power to the +IN and GND connections. The supply power can be as high as 35 volts. The board has an on-board 5 volt regulator which takes the incoming supply power and regulates it to +5 volts out of the third power connection. This can be used to provide power to your microcontroller. See note below about regulator limitations.



The H-bridge chip can handle up to 35 volts, but the on-board voltage regulator can only handle a supply voltage of up to 12 volts. If your supply voltage is higher than 12 volts, remove this jumper to disconnect power from the on-board voltage regulator. This will disable the regulator of course, so there will be no power coming out of the +5 Volt connection.