**L293D Wifi Motor Drive Expansion Module For Arduino NodeMcu Lua ESP8266 ESP-12E**

# **Introduction**

This is the first motor shield for [ESP8266 based on ESP-12E](http://www.sinoning.com/v3-nodemcu-based-on-esp-12e-from-esp8266-wifi.html). It is very convenientand cheap to diy a WiFi RC smart car. In our shop, we also develop a WiFi smartcar, which can be controlled by mobile, PC, and wechat (now just in China).

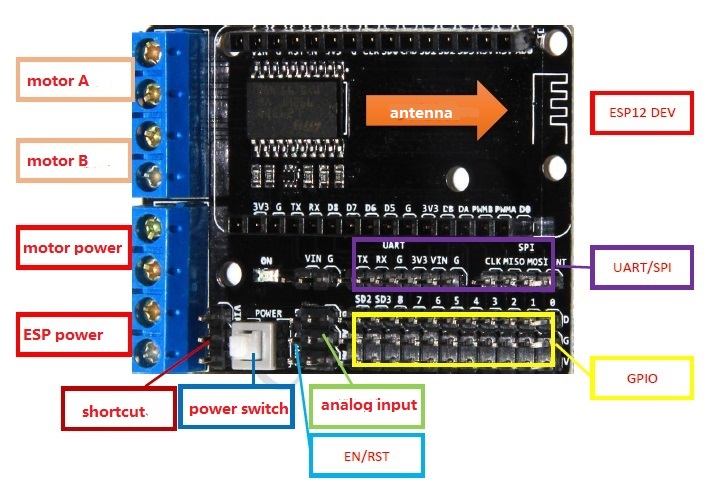
# **Feature**

* Name: ESP-12E motor shield
* Using ESP-12 DEV KIT development shield module
* Extend the output ports for ESP-12 DEVKIT: SPI, UART, GPIO, AI and 3.3V power interface
* Extend 2-ways motor, then can directly drive 2-ways motor
* Design a power switch
* Driven chip: L293D
* Voltage for motor: 4.5V-36V
* Voltage for ESP control board: 4.5V-9V
* Disparate the power of ESP board andmotor for avoiding the interference. In our experiments, for convenience, a shortcut module is used to connect VIN and VM for the power of ESP board andmotor.

# **Shipping List**

* ESP-12E motorshield: 1pcs

# **Picture**

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