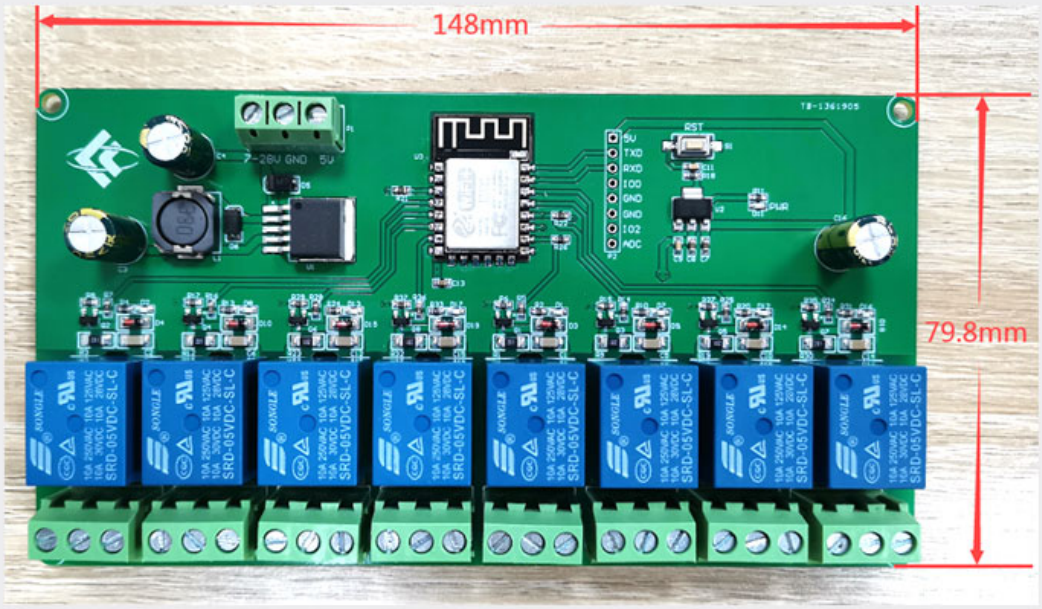
5V/7-28V power ESP8266 WIFI eight relay ESP-12F Dev board

PRODUCT PARAMETER

LC ESP8266 eight relay development board onboard ESP-12F WiFi module, I/O orifice full lead ,support DC5V/DC7-28V power supply. Provide Arduino develop environment reference code,suit for ESP8266 secondary development study, smart home wireless control.



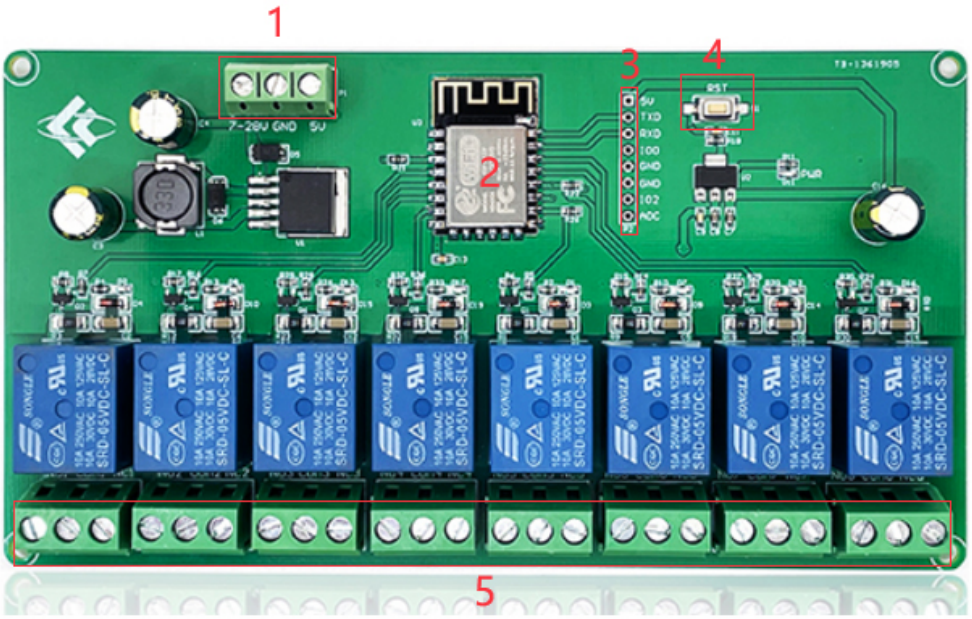
FUNCTION CHARACTERISTICS

- On-board Mature and stable ESP-12F WiFi module, high capacity 4M Byte Flash
- Supply power way support DC7-28V/5V
- On-board Wifi module RST reset button
- The I/O port of the WiFi module and the UART program download port are all extracted, convenient secondary development
- ESP-12F support use Eclipse/Arduino IDE etc.development tools, provide Arduino development environment reference program
- On-board 8 channel 5V relay,output switch signal ,Suitable for controlling and controlling the working voltage to be within the load of AC 250V/DC30V。
- On-board power indicator and relay indicator.

product standard

board size : 148*79.8mm

Weight : 140g



1，5V，GND：DC5V power supply

7-28V，GND：DC7-28V power supply

2，ESP-12F module,4MByte flash room

3，UART Program download port: ESP8266 GND，RX，TX，5V separately connect external TTL Serial module GND，TX，RX，5V, IO0 need with GND connect when download .

4，ESP8266 reset button

5，Relay output end:

NC1-NC8: Normally close,the NC disconnect with COM when relay closed and connect with COM when relay released.

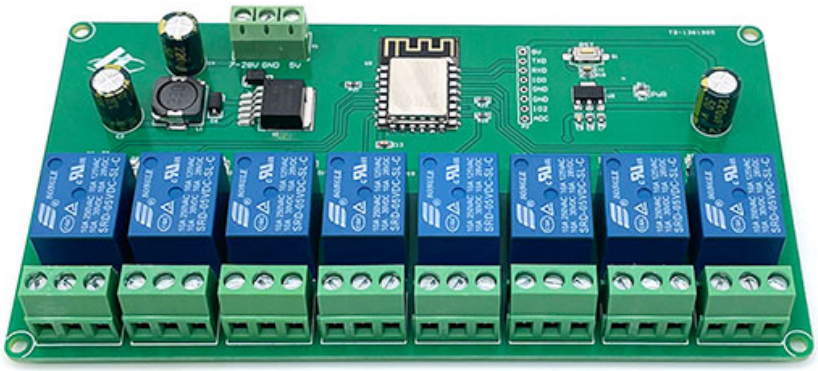
COM1-COM8: Common end

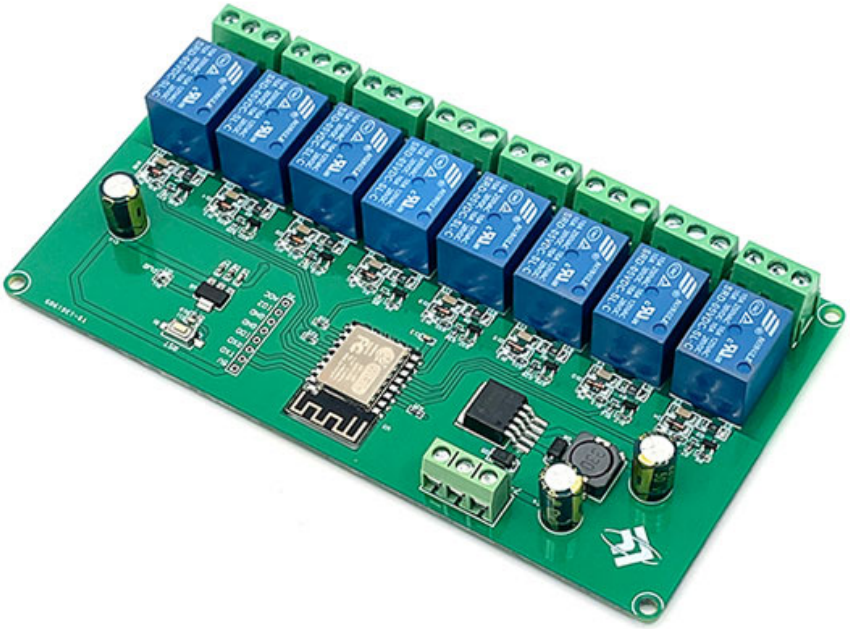
NO1-NO8: Normally open end,the NO disconnect with COM when relay released and connect with COM when relay closed.

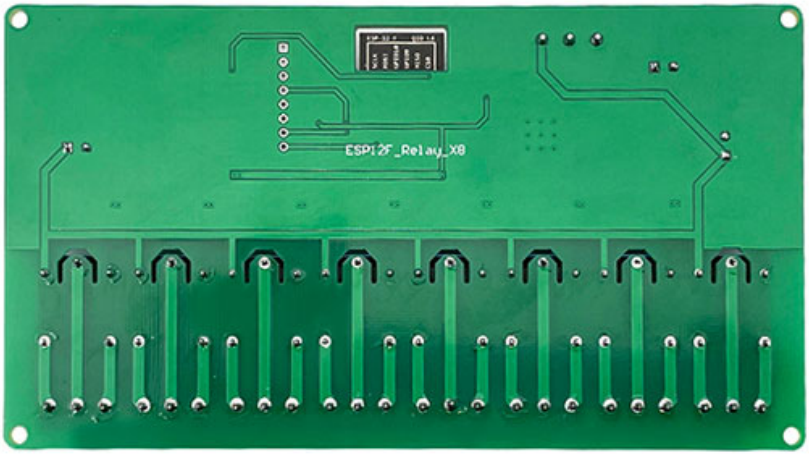
GPIO PINOUT PORT INTRODUCE

NO.	Name	Function
1	ADC	A/D Conversion result. Input voltage range 0~1V, ranging from 0 to 1024
2	IO2	GPIO2; UART1_TXD
	TXD	UART0_TXD; GPIO1
3	RXD	UART0_RXD; GPIO3
4	GND	Power ground
5	5V	5V power

DEMONSTRATION






ESP12F_Relay_X8