



乐鑫模组

| Focus | Quality | Integrity |

Shenzhen Sibo Zhilian Technology Co., Ltd

Talents come from diligence, and knowledge is gained by accumulation.



Espressif's ESP series

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Single WiFi chip-8266 series

- Chip size: ESP8266 & ESP8285
- Mainly do traditional markets

WiFi+BLE ESP32 series

- Chip specifications: ESP32 & ESP32-S3
- Audio and video market

WiFi+BLE ESP32-C3 series

- Chip specification: ESP32-C3 & ESP8685
- Electrician lighting small household appliances market

WiFi+BLE ESP32-C2 series

- Chip specification: ESP8684
- Electrician lighting small appliances market

ESP-M1,M2 8285	12.3x15/20	Small size, quality customer recommendation
ESP-02S, LIGHT 8285	-	Electrical lighting use
ESP-12E,12F 8266	16x24	The 12E 12F only has antenna differences, and the low-cost model F1 is
ESP-F, F1 8266	16x24/16	an external antenna, with complete certifications and the main model

ESP-WROOM-32D	D0WD	18x25.5	Compatible with official mods
ESP-WROOM-32E/UB0WD-V3		18x25.5	Compatible with official mods
ESP-WROOM-32S/SB0WD-V3		18x25.5	Compatible with 32D 32E 32U, can be used as an external antenna
ESPS3-12	S3FH4R2	16x24	Cameras, doorbell applications

ESPC3-02	ESP8685	15x17.3	Gold finger packaging, electrical applications
ESPC3-05	C3FH4	16x20	Lighting applications, built-in high-temperature flash
ESPC3-12/12E	C3	16x24	The most common model, compatible with Class 12F modules
ESPC3-20/20E	C3	18x20	Common modules, compatible with ESP32-C3-WROOM-02 series
ESPC3-32	C3	18x25.5	Common modules, compatible with ESP32-WROOM-32 series

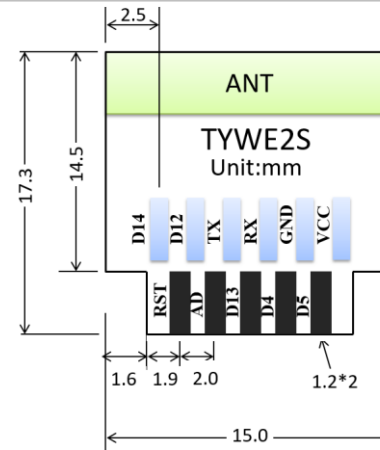
ESPC2-01	8684	14.5x24.5	ESP-01 upgrade, pin package
ESPC2-02	8684	15x17.3	Gold finger packaging, electrical applications
ESPC2-05	8684	15x20	Lighting applications
ESPC2-12/12E	8684	16x24	The 12E is an external antenna, the most common model, the 8266 upgrade
ESPC2-20/20E	8684	18*20	Compatible with ESP8684-WROOM-02
ESPC2-M1	8684	12.3*20	An upgraded version of the ESP-M2 in a small size

ESP8266/ESP8285 series

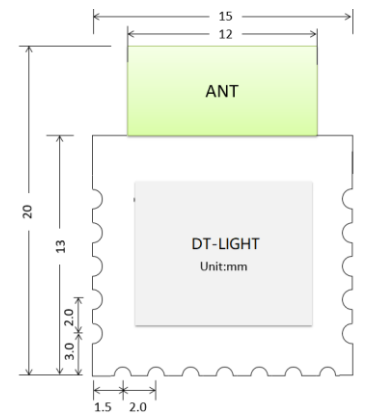
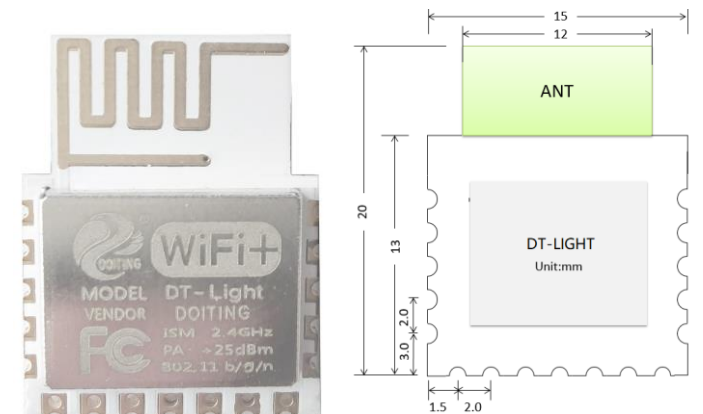
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- Model No.: ESP-M1, ESP-M2
- Chip: ESP8285H16, WIFI
- 12.3x15, 12.3x20, traditional mods
- ESPC2-M1 is recommended



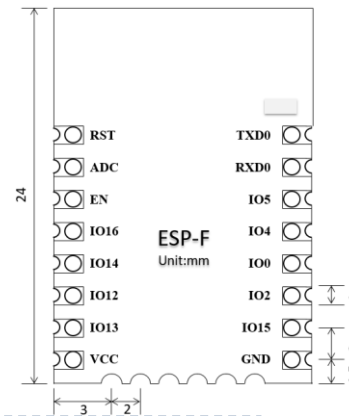
- Model: ESP-02S, TYWE2S
- Chip: ESP8285H16, WIFI
- 15x17.3, conventional module, for electricians
- ESPC2-02 is recommended



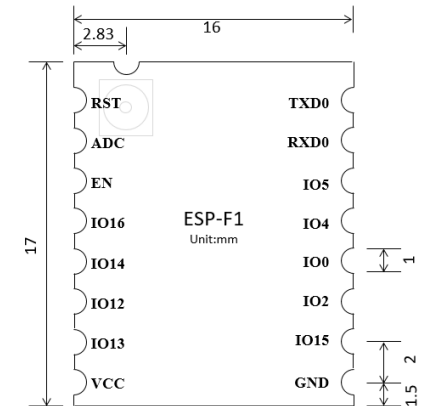
- Model Number: DT-LIGHT
- Chip: ESP8285H16, WIFI
- 15x120, traditional module for lighting
- ESPC2-05 is recommended



- Models: ESP-12E, ESP-12F
- Chip: ESP8266, WIFI
- 16x24 package, universal module, cheap version



- Model: ESP-F
- Chip: ESP8266, WIFI
- 16x24, Traditional Mod, Universal Mod
- ESPC2-12 is recommended

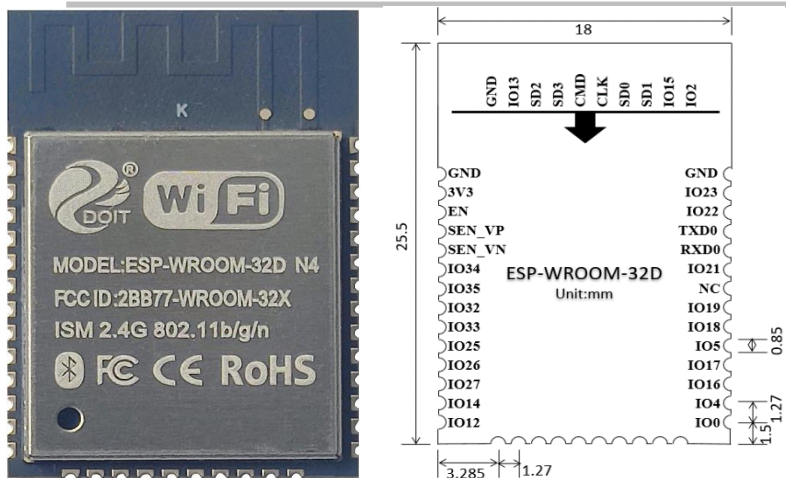


- Model: ESP-F1
- Chip: ESP8266, WIFI
- 16x17, Legacy Mod, Universal Mod
- ESPC2-12E is recommended

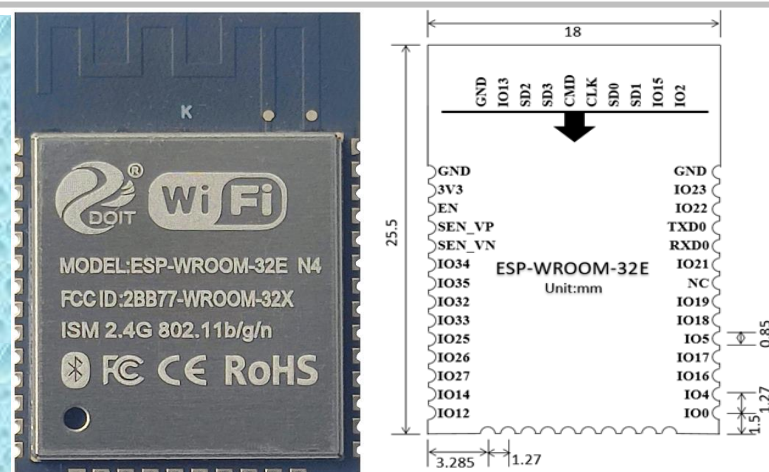


ESP32 series

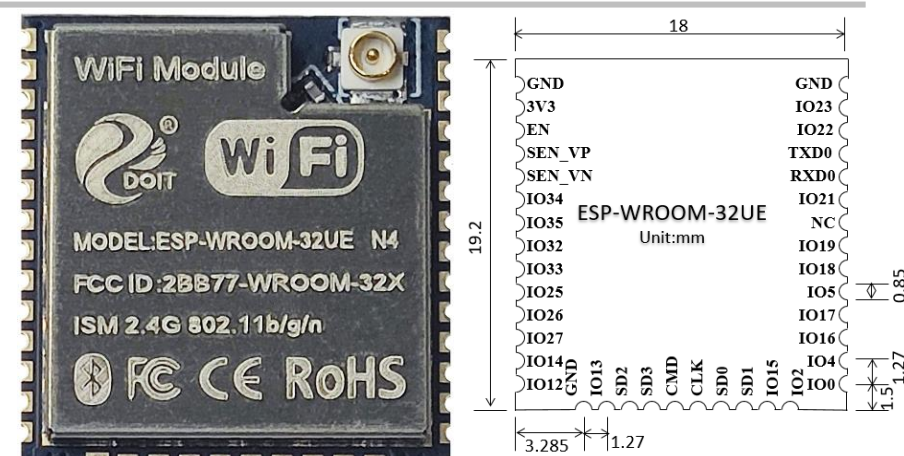
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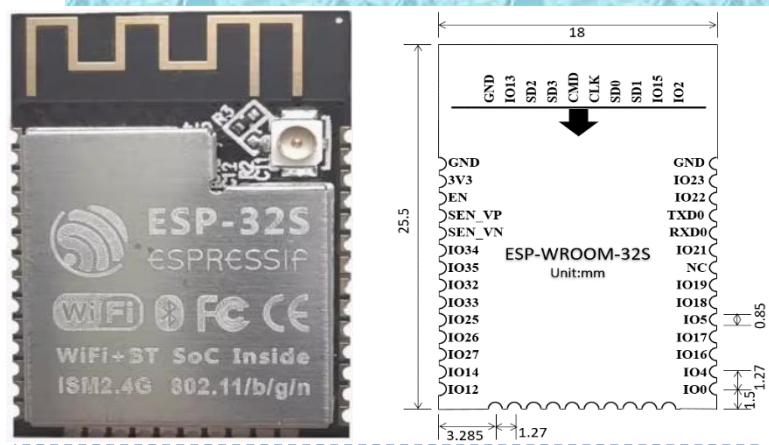
- Model Number: ESP-WROOM-32D
- Chip: ESP32-D0WD, N4/N8/N16 (Storage).
- 18*25.5, universal module
- Compatible with: ESP32-WROOM-32D



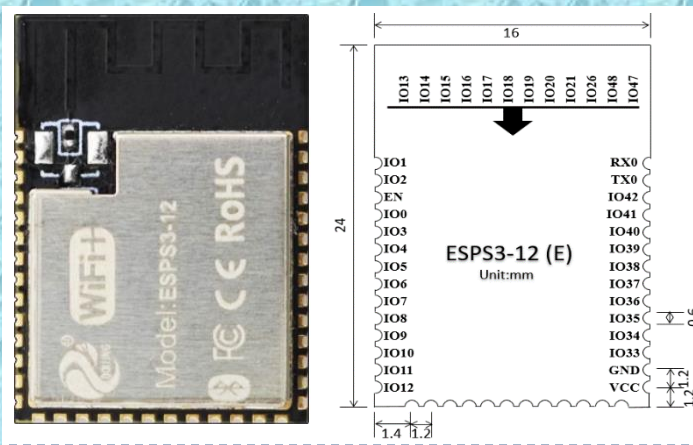
- Model: ESP-WROOM-32E
- Chip: ESP32-D0WD-V3, N4/N8/N16 (Storage).
- Size: 18*25.5, universal module
- Compatible with: ESP32-WROOM-32E



- Model Number: ESP-WROOM-32UE
- Chip: ESP32-D0WD-V3, N4/N8/N16 (Storage).
- Size: 18*19.2, universal module
- Compatible with: ESP32-WROOM-32UE



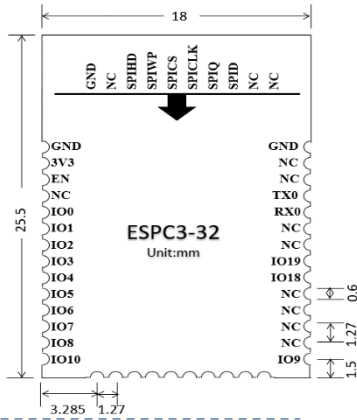
- Model: ESP-WROOM-32S, ESP-WROOM-32SE (U.FL).
- Chipset: ESP32-D0WD-V3, default 4MB Flash
- Size: 18*25.5, universal module
- Compatible with: ESP32-WROOM-32E/UE



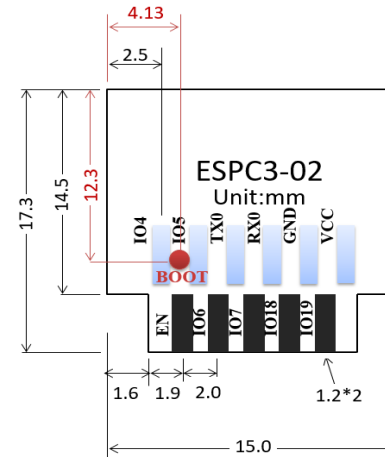
- Model: ESPS3-12, ESPS3-12E(U.FL).
- Chip: ESP32-S3FH4R2
- Size: 16*24, universal module

ESPC3 series modules

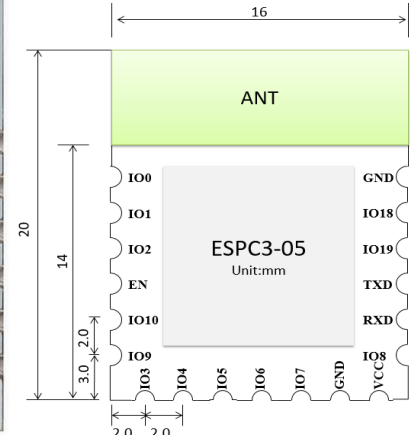
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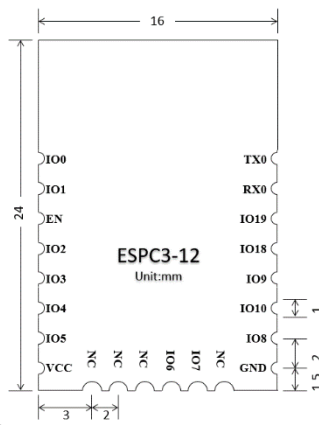
- Model: ESPC3-32, ESPC3-32E (external antenna).
- Chip: ESP32-C3, N4/N8/N16 storage specifications
- 18x25.5 package, universal module
- Compatible module: ESP32-C3-WROOM-32



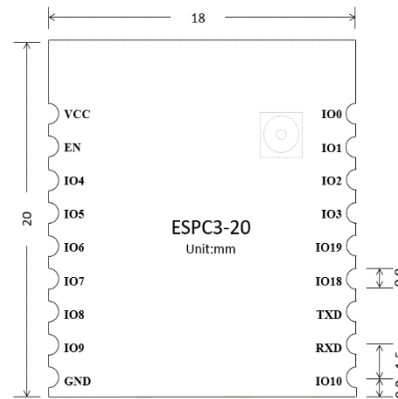
- Model: ESPC3-02
- Chip: ESP8685H2/ESP8685H4, WIFI&BLE
- 15x17.3 package, for electrical products, gold finger module
- Compatible modules: ESP8685-WROOM-03, WB2S, etc



- Model number: ESPC3-05
- Chip: ESP32-C3FH4, WIFI&BLE
- 16x20 package, for lighting products, white high temperature resistance
- Compatible modules: ESP8685-WROOM-05, WB2L, etc



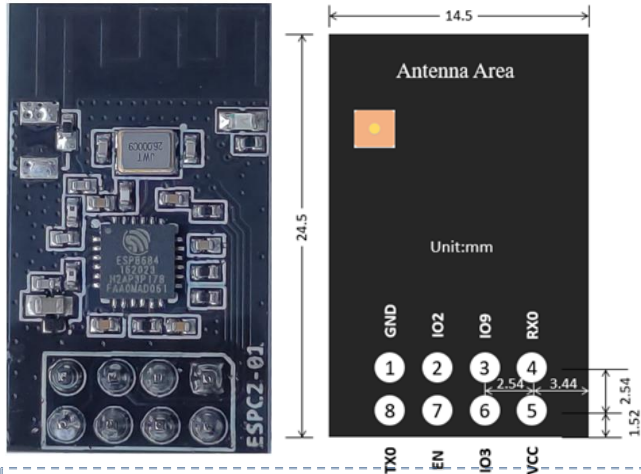
- Model: ESPC3-12, ESPC3-12E (external antenna).
- Chip: ESP32-C3, N4/N8/N16 memory specifications
- 16x24 package, universal module
- Compatible modules: ESP-C3-12F, WB3S



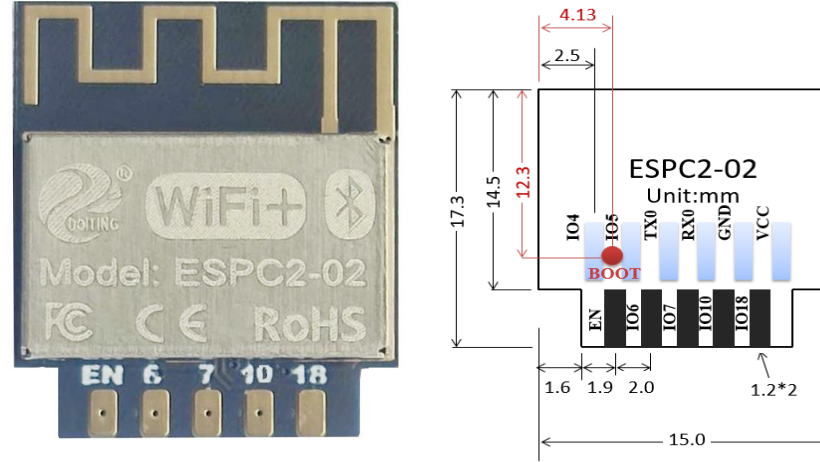
- Model: ESPC3-20, ESPC3-20E (external antenna).
- Chip: ESP32-C3, N4/N8/N16 memory specifications
- 18x20 package, universal module
- Compatible module: ESP32-C3-WROOM-02/02U

ESPC2 series modules

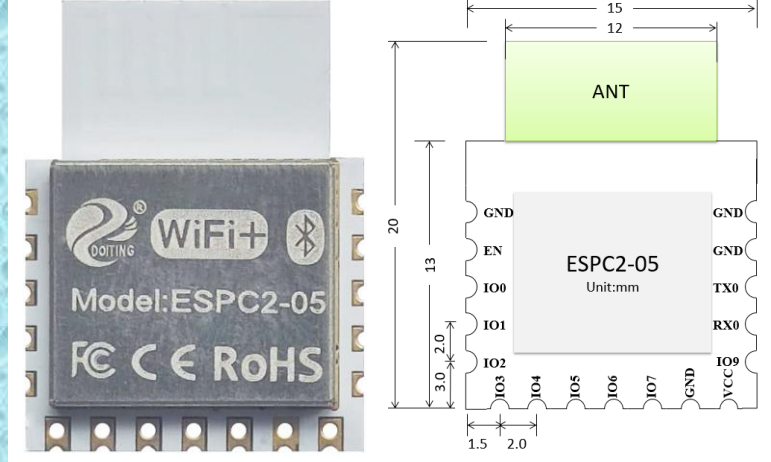
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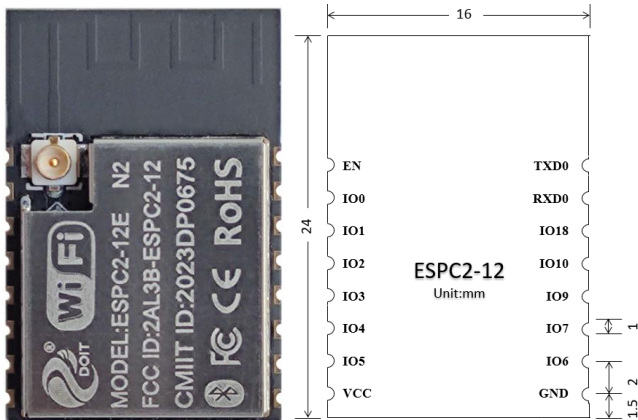
- Model: ESPC2-01, ESPC2-01E (external antenna).
- Chip: ESP8684H2/ESP8684H4, WIFI&BLE
- 2x4 pin package, conventional module
- Compatible modules: ESP-01, ESP-01S



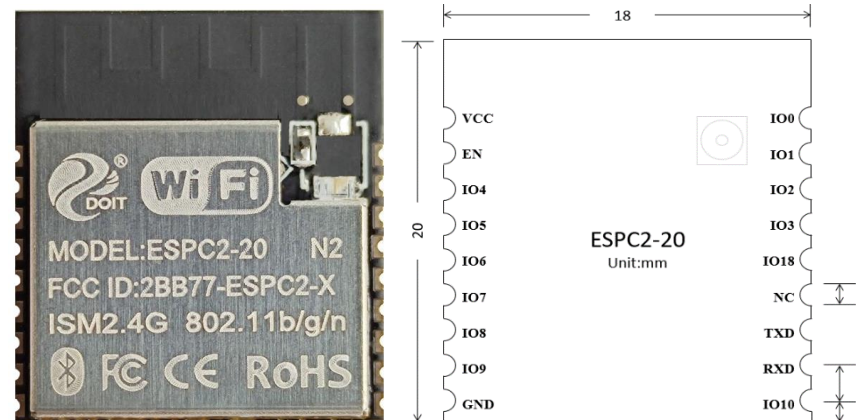
- Model: ESPC2-02
- Chip: ESP8684H2/ESP8684H4, WIFI&BLE
- 15x17.3 package, for electrical products, gold finger module
- Compatible modules: ESP8684-WROOM-03, WB2S, etc



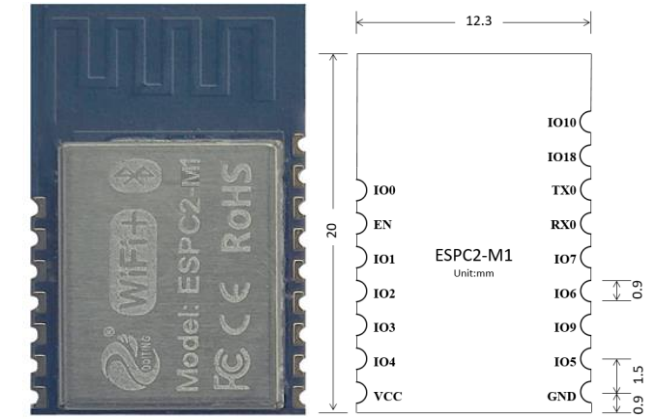
- Model: ESPC2-05
- Chip: ESP8684H2/ESP8684H4, WIFI&BLE
- 15x20 package, for lighting products, white high temperature resistance
- Compatible modules: ESP8684-WROOM-05, WB2L, etc



- Model: ESPC2-12, ESPC2-12E (external antenna).
- Chip: ESP8684H2/ESP8684H4, WIFI&BLE
- 16x24 package, universal module
- Compatible modules: ESP8684-WROOM-01/04, WB3S, 12F



- Model: ESPC2-20, ESPC2-20E (external antenna).
- Chip: ESP8684H2/ESP8684H4, WIFI&BLE
- 18x20 package, universal module
- Compatible module: ESP8684-WROOM-02C/02UC

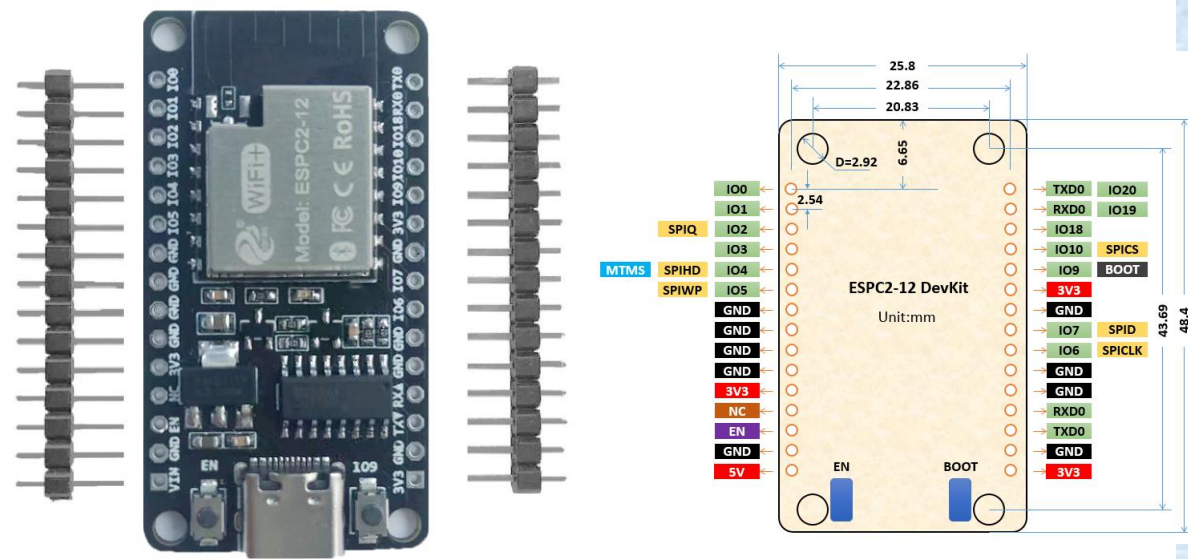


- Model: ESPC2-M1
- Chip: ESP8684H2/ESP8684H4, WIFI&BLE
- 12.3x20 package, universal module
- Compatible module: ESP-M2

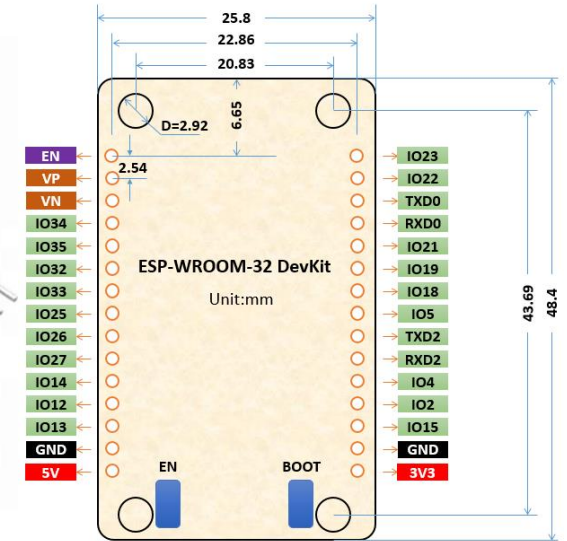
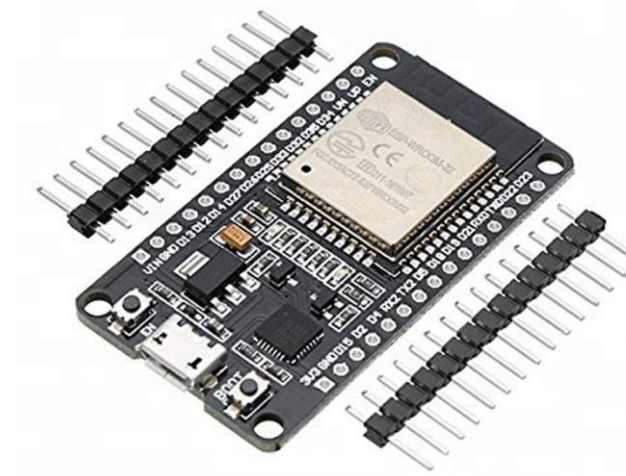
ESP series development board

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- Model: ESPC2-12 DevKit
- Module: ESPC2-12



- Model Number: DT-06
- Module: ESP-M2



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