

Espressif Products Ordering Information



Version 1.6

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Notes

- MP denotes mass production. The version number following MP is the latest MP version.
- SPQ: Standard Pack Quantity; MOQ: Minimum Order Quantity.
- We accept custom orders of modules with different flash sizes. Please contact our [salesperson](#).
- Unless otherwise specified, all the modules have the same dimensional tolerance: ± 0.2 mm for length and width, ± 0.15 mm for height.
- ESP-WROVER-KIT integrates the ESP32-WROVER module by default.
- Release notes for this document are listed on the last page.

1. ESP32 Series

Part number	Marketing status	SPQ (pcs/reel)	MOQ (pcs)	Description	Size (mm)	Default flash size	Related product
Chips							
ESP32-D0WD Datasheet	MP	5,000	5,000	Wi-Fi+BT Dual core	5x5	-	-
ESP32-D0WDQ6 Datasheet	MP	3,000	3,000	Wi-Fi+BT Dual core	6x6	-	-
ESP32-D2WD Datasheet	MP	5,000	5,000	Wi-Fi+BT Dual core Flash embedded	5x5	16 Mbit	-
ESP32-S0WD Datasheet	Sample	5,000	5,000	Wi-Fi+BT Single core	5x5	-	-
Modules							
ESP-WROOM-32 (ESP32-WROOM-32) Datasheet	MP	550	550	ESP32-D0WDQ6 embedded	18x25.5x3.1	32 Mbit	ESP32-D0WDQ6 Datasheet
ESP-WROOM-32D (ESP32-WROOM-32D) Datasheet	Sample	650	650	ESP32-D0WD embedded	18x25.5x3.1	32 Mbit	ESP32-D0WD Datasheet
ESP32-WROOM-32U Datasheet	Sample	650	650	ESP32-D0WD embedded U.FL connector	18(± 0.1)x19.2(± 0.1)x 3.2(± 0.1)	32 Mbit	ESP32-D0WD Datasheet
ESP32-WROVER Datasheet	MP	650	650	PCB antenna, 32 Mbit PSRAM	18x31.4x3.3	32 Mbit	ESP32-D0WDQ6 Datasheet
ESP32-WROVER-I Datasheet	MP	650	650	IPEX antenna 32-Mbit PSRAM	18x31.4x3.3	32 Mbit	ESP32-D0WDQ6 Datasheet
ESP32-PICO-D4 Datasheet	Sample	2,000	2,000	SiP module 32 Mbit SPI flash	7.0(± 0.1)x7.0(± 0.1)x 0.94(± 0.1)	32 Mbit	-

Part number	Marketing status	SPQ (pcs/reel)	MOQ (pcs)	Description	Size (mm)	Default flash size	Related product
Development boards							
ESP32-DevKitC Getting started guide	MP	-	1	ESP-WROOM-32 embedded	-	-	ESP-WROOM-32 (ESP32-WROOM-32) Datasheet
ESP-WROVER-KIT Getting started guide	MP	-	1	ESP32-WROVER embedded	-	-	ESP32-WROVER Datasheet
ESP32-PICO-KIT Getting started guide	MP	-	1	ESP32-PICO-D4 embedded	-	-	ESP32-PICO-D4 Datasheet

2. ESP8266 Series

Part number	Marketing status	SPQ (pcs/reel)	MOQ (pcs)	Description	Size (mm)	Default flash size	Related product
Chips							
ESP8266EX Datasheet	MP	5,000	5,000	Wi-Fi Single core	5x5	-	-
ESP8285 Datasheet	MP	5,000	5,000	Wi-Fi Single core Flash embedded	5x5	8 Mbit	-
Modules							
ESP-WROOM-02 Datasheet	MP	650	650	ESP8266EX embedded	18x20x3	16 Mbit	ESP8266EX Datasheet
ESP-WROOM-02D Datasheet	Sample	650	650	ESP8266EX embedded	18x20x3.2	16 Mbit	ESP8266EX Datasheet
ESP-WROOM-02U Datasheet	Sample	650	650	ESP8266EX embedded U.FL connector	18(±0.1)x14.3(±0.1)x3.2(±0.1)	16 Mbit	ESP8266EX Datasheet
ESP-WROOM-S2 Datasheet	MP	650	650	ESP8266EX embedded SPI interface	16x23x3	16 Mbit	ESP8266EX Datasheet
Development boards							
ESP-Launcher System Description	MP	-	1	ESP8266EX embedded	-	32 Mbit	ESP8266EX Datasheet

3. ESP8089 Series

Part number	Marketing status	SPQ (pcs/reel)	MOQ (pcs)	Description	Size (mm)	Default flash size	Related product
Chips							
ESP8089 Datasheet	MP	5,000	5,000	Wi-Fi	5x5	-	-

Release Notes

Date	Version	Release notes
2017.06	V1.0	First release.
2017.08	V1.1	Updated version.
2017.08	V1.2	Added ESP32-PICO-D4; Deleted ESP8689; Corrected typos.
2017.09	V1.3	Updated SPQ and MOQ for ESP32-PICO-D4; Updated the marketing statues of ESP32-D0WD and ESP32-D2WD to MP; Added ESP-WROOM-02D module.
2017.11	V1.4	Added ESP-WROOM-32D and ESP32-WROOM-32U modules; Added ESP32-PICO-KIT; Added ESP-WROOM-02D and ESP-WROOM-02U modules; Updated SPQ and MOQ for several modules.
2017.12	V1.5	Corrected some typos.
2018.03	V1.6	Updated the product names of ESP-WROOM-32 and ESP-WROOM-32D.



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