

# Espressif Products Ordering Information



Version 1.3

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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:  $\pm 0.2$  mm for length and width,  $\pm 0.15$  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
<b>Chips</b>							
<a href="#">ESP32-D0WD Datasheet</a>	MP	5,000	5,000	Wi-Fi+BT Dual core	5x5	-	-
<a href="#">ESP32-D0WDQ6 Datasheet</a>	MP (v1)	3,000	3,000	Wi-Fi+BT Dual core	6x6	-	-
<a href="#">ESP32-D2WD Datasheet</a>	MP	5,000	5,000	Wi-Fi+BT Dual core Flash embedded	5x5	16 Mbit	-
<a href="#">ESP32-S0WD Datasheet</a>	Sample	5,000	5,000	Wi-Fi+BT Single core	5x5	-	-
<b>Modules</b>							
<a href="#">ESP-WROOM-32 Datasheet</a>	MP (v1.0)	550	550	ESP32-D0WDQ6 embedded	18x25.5x2.8	32 Mbit	ESP32-D0WDQ6 <a href="#">Datasheet</a>
ESP-WROOM-32D	Sample	-	-	ESP32-D0WD embedded	18x25.5x2.8	32 Mbit	ESP32-D0WD <a href="#">Datasheet</a>
<a href="#">ESP32-WROVER Datasheet</a>	MP	700	700	PCB antenna, 32 Mbit PSRAM	18x31.4x3.3	32 Mbit	-
<a href="#">ESP32-WROVER-I Datasheet</a>	MP	700	700	IPEX antenna 32-Mbit PSRAM	18x31.4x3.3	32 Mbit	-
<a href="#">ESP32-PICO-D4 Datasheet</a>	Sample	2,000	2,000	SIP module 32 Mbit SPI flash	7.0( $\pm 0.1$ )x7.0( $\pm 0.1$ ) x0.94( $\pm 0.1$ )	32 Mbit	-
<b>Development boards</b>							
<a href="#">ESP32-DevKitC Getting started guide</a>	MP (v2)	-	1	ESP-WROOM-32 embedded	-	-	ESP-WROOM-32 <a href="#">Datasheet</a>

Part number	Marketing status	SPQ (pcs/reel)	MOQ (pcs)	Description	Size (mm)	Default flash size	Related product
ESP-WROVER-KIT <a href="#">Getting started guide</a>	MP	-	1	ESP32-WROVER embedded	-	-	ESP32-WROVER <a href="#">Datasheet</a>

## 2. ESP8266 Series

Part number	Marketing status	SPQ (pcs/reel)	MOQ (pcs)	Description	Size (mm)	Default flash size	Related product
<b>Chips</b>							
ESP8266EX <a href="#">Datasheet</a>	MP	5,000	5,000	Wi-Fi Single core	5x5	-	-
ESP8285 <a href="#">Datasheet</a>	MP	5,000	5,000	Wi-Fi Single core Flash embedded	5x5	8 Mbit	-
<b>Modules</b>							
ESP-WROOM-02 <a href="#">Datasheet</a>	MP	650	650	ESP8266EX embedded	18x20x3	16 Mbit	ESP8266EX <a href="#">Datasheet</a>
ESP-WROOM-02D	Sample	-	-	ESP8266EX embedded	18x20x3	16 Mbit	ESP8266EX <a href="#">Datasheet</a>
ESP-WROOM-S2 <a href="#">Datasheet</a>	MP	650	650	ESP8266EX embedded SPI interface	16x23x3	16 Mbit	ESP8266EX <a href="#">Datasheet</a>
<b>Development boards</b>							
ESP-Launcher <a href="#">System Description</a>	MP	-	1	ESP8266EX embedded	-	32 Mbit	ESP8266EX <a href="#">Datasheet</a>

### 3. ESP8089 Series

Part number	Marketing status	SPQ (pcs/reel)	MOQ (pcs)	Description	Size (mm)	Default flash size	Related product
<b>Chips</b>							
ESP8089 <a href="#">Datasheet</a>	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.



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