

Notified Body
Eurofins Electrical and Electronic Testing NA, Inc.

EU-TYPE EXAMINATION CERTIFICATE

Registration Number: 44024-05-2026-260268

Manufacturer: Espressif Systems (Shanghai) Co.,Ltd.
1-7th Floor, Building 3, 235 Yubei Road, Pudong New Area, Shanghai,
China

Product Description: 2.4G&5G Wi-Fi & Bluetooth & zigbee & Thread IoT Module
Model Number/Name: ESP32-C5-MINI-1

Essential Requirement(s)	Result
Art. 3.1(a) Safety	Conform
Art. 3.1 (a) Health	Conform
Art. 3.1(b) EMC	Conform
Art. 3.2 Radio	Conform

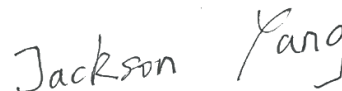
Examination Result:

Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.

5/27/2026
Date


Signed By Jackson Yang
Notified Body

For validation of this document's authenticity, please contact globalcertification@cpt.eurofinsus.com for verification.

Annex

Product specification

Hardware version:	V1
Software version:	V1
Frequency Band(s):	Band TX (MHz) RX (MHz) BLE 2402~2480 2402~2480 Wi-Fi 2.4GHz 2412 ~ 2472 2412 ~ 2472 Zigbee 2405 ~ 2480 2405 ~ 2480 Thread 2405-2480 2405-2480 Wi-Fi 5GHz (U-NII-1) 5150 ~ 5250 5150 ~ 5250 Wi-Fi 5GHz (U-NII-2A) 5250 ~ 5350 5250 ~ 5350 Wi-Fi 5GHz (U-NII-2C) 5470 ~ 5725 5470 ~ 5725 Wi-Fi 5GHz (U-NII-3) 5725 ~ 5850 5725 ~ 5850
Transmit Power Range(s):	Bluetooth LE:16.36 dBm Wi-Fi 2.4G:19.85 dBm Zigbee:9.29 dBm Thread :9.37 dBm Wi-Fi 5G(U-NII-1) :20.58dBm Wi-Fi 5GHz (U-NII-2A) :20.74 dBm Wi-Fi 5GHz (U-NII-2C) :20.77 dBm Wi-Fi 5GHz (U-NII-3) :13.97 dBm
Modulation Type(s):	Bluetooth LE V5.0:GFSK Wi-Fi 2.4G:DSSS,OFDM,OFDMA Zigbee:O-QPSK Thread:O-QPSK Wi-Fi 5GHz:OFDM,OFDMA
Antenna type(s):	Bluetooth LE/Wi-Fi 2.4G/WiFi 5G/Zigbee:Internal Antenna Thread:PCB Antenna

Technical Construction File (TCF) Details

<i>To demonstrate conformity with Article 3.1(a) Health</i>		
Applied Standards		
EN 50665: 2017		
EN IEC 62311: 2020		
Report or Certificate No.	Issue Date	Issued by
EFTA26010030-IE-03-M1V1	04/20/2026	Eurofins TA Technology(Shanghai) Co., Ltd.
<i>To demonstrate conformity with Article 3.1(a) Safety</i>		
Applied Standards		
EN IEC 62368-1:2024+A11:2024		
Report or Certificate No.	Issue Date	Issued by
EFTA26010030-IE-04-L1	04/20/2026	Eurofins TA Technology(Shanghai) Co., Ltd.

To demonstrate conformity with Article 3.1(b) EMC

Applied Standards

EN 55032: 2015 + A11: 2020

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-17 V3.3.1 (2024-09)

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04/20/2026

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To demonstrate conformity with Article 3.2 Spectrum Efficiency

Applied Standards

ETSI EN 300 328 V2.2.2 (2019-07)

ETSI EN 301 893 V2.2.1 (2024-11)

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EFTA26010030-IE-02-R1

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