



BAY AREA COMPLIANCE LABORATORIES CORP.

JAPAN MIC CERTIFICATE OF TYPE APPROVAL (Radio)

Certificate Number: 211-200403

Certificate Holder: ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD
Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park,
Shanghai, China

Manufacturer: ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD

Model Name/Number: ESP32-WROVER-E, ESP32-WROVER-IE

Type of Equipment: Article 2, Paragraph 1, Item 19, Item 19-2
Low Power Data Communications System in the 2.4 GHz Band

Equipment Category: Specified Radio Equipment Specified in Article 38-2-2,
Paragraph 1, Item 1 of the Radio Law

**Frequency Range,
Type of Emissions,
Antenna Output Power:** F1D, 2402-2480 MHz (1 MHz, 79 CH), 0.35 mW/MHz
F1D, 2402-2480 MHz (2 MHz, 40 CH), 2.5 mW
G1D, 2412-2472 MHz (5 MHz, 13 CH), 6.7 mW/MHz
G1D, D1D, 2412-2472 MHz (5 MHz, 13 CH), 3.5 mW/MHz
G1D, D1D, 2422-2462 MHz (5 MHz, 9 CH), 0.6 mW/MHz
G1D, 2484 MHz (1 CH), 4.5 mW/MHz

Antenna Type: PCB Antenna, 3.4 dBi (ESP32-WROVER-E)
Omni Antenna, 2.33 dBi (ESP32-WROVER-IE)

Standards Applied: MIC Notices NO. 88 Annex 1, 43 & 44

Remark: B2004136, RSHD200401002-24A, RSHD200401002-24B,
RSHD200401002-24C, RSHD200401002-24D

**Registered Certification
Body:** RCB ID: 211
Bay Area Compliance Laboratories Corp.

This certificate is issued to the applicant for the product(s) listed above which is (are) compliant with the Radio Law (Law No. 131, 1950) and Amendments.



Authorized by: *Daniel Deng*
Daniel Deng, Certifier

Date of Issue: 2020-05-18

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