

Bay Area Compliance Laboratories Corp.

**JAPAN MIC
CERTIFICATE OF TYPE APPROVAL**

Certificate Number: 211-181224

Certificate Holder: ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD.
Room 204, Building 2, 690 Bibo Road, Pudong Dist., Shanghai, China

Manufacturer: ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD.

Model Number(s): ESP32-PICO-KIT

Type of Equipment: Article 2 Paragraph 1, Item 19, Item 19-2
Low Power Data Communications System in the 2.4 GHz Band
Specified Radio Equipment Specified in Article 38-2-2,
Paragraph 1, Item 1 of the Radio Law

Category: Bluetooth/BLE: 2402-2480 MHz
Wi-Fi: 2412-2472 MHz, 2422-2462 MHz

Frequency Range: 2484 MHz (802.11b CH 14)

Modulation(s): Bluetooth: GFSK, $\pi/4$ -DQPSK, 8DPSK; BLE: GFSK
Wi-Fi: DSSS, OFDM

Channel Spacing: Bluetooth: 1 MHz (79 CH); BLE: 2 MHz (40 CH)
Wi-Fi: 5 MHz (13 CH @ 20 MHz BW, 9 CH @ 40 MHz BW)

Type of Emissions: Bluetooth/BLE: F1D; Wi-Fi: G1D, D1D
Bluetooth: 0.3 mW/MHz; BLE: 5.0 mW
Wi-Fi: 6.5 mW/MHz (802.11b CH1-13), 4.0 mW/MHz (802.11b CH14)
2.5 mW/MHz (802.11g), 1.5 mW/MHz (802.11n20),
0.5 mW/MHz (802.11n40)

Antenna Output Power:

Antenna Type: Onboard SMD Antenna, 4.0 dBi

Standards Applied: MIC Notices NO. 88 Annex 1, 43, 44
B1812277, RSHD181219002-24A, RSHD181219002-24B,
RSHD181219002-24C, RSHD181219002-24D

Remark:

Registered Certification Body: RCB ID: 211
Bay Area Compliance Laboratories Corp.
1274 Anvilwood Ave., Sunnyvale, CA 94089, USA
Tel: 1-(408)-732-9162 Fax: 1-(408)-732-9164
www.baclcorp.com

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



Issue Date: 2019-01-23

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