

Bay Area Compliance Laboratories Corp.

JAPAN MIC

CERTIFICATE OF TYPE APPROVAL

Certificate Number: 211-171004

Certificate Holder: Shenzhen Mingzhan Information Technology Co., Ltd.
8th Floor, Huaqiang Electronic World Building 2-02,
Huaqiang North Street, Futian District, Shenzhen, Guangdong, China

Manufacturer: Shenzhen Mingzhan Information Technology Co., Ltd.

Model Number(s): M5Stack-CORE

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

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

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

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: 0.06 mW/MHz; BLE: 3.19 mW
Wi-Fi: 2.0 mW/MHz (802.11b), 1.0 mW/MHz (802.11g/n20),
0.5 mW/MHz (802.11n40)

Antenna Output Power:

Antenna Type: SMD Antenna, 2.0 dBi

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

Remark: B1710248, RSHA170928003-00A/-00B/-00C

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



Issue Date: 2017-11-08

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