

**BAY AREA COMPLIANCE LABORATORIES CORP.
INNOVATION, SCIENCE & ECONOMIC DEVELOPMENT CANADA
CERTIFICATE OF COMPLIANCE**

Bay Area Compliance Laboratories Corp. (BACL) certifies that the apparatus detailed below complies with all applicable requirements of the stated specifications

Certificate Number: B1803125
Certification Number: 21098-ESPWROOM32
Certificate Holder: Espressif Systems (Shanghai) PTE Ltd.
Suite 204, Block 2, 690 Bibo Road,
Zhangjiang Hi-Tech Park, Shanghai 201203, China
Model Name/Number: ESP32-WROOM-32
Type of Equipment: Module Approval, Wi-Fi Device, Bluetooth Device
ISED Specifications: RSS-247, Issue 2, Feb 2017
Test Laboratory: Bay Area Compliance Laboratories Corp. (Kunshan)
No. 248 Chenghu Road, Kunshan Development Zone,
Kunshan, Jiangsu, China
Tel: +86 (512) 8617-5000, Fax: +86 (512) 8893-4268
ISED Test Lab O.A.T.S.: 3062E-1
Frequency Range: Bluetooth/BLE: 2402-2480 MHz
Wi-Fi: 2412-2462 MHz, 2422-2452 MHz
Output Power: Bluetooth: 0.004 W; BLE: 0.004 W
Wi-Fi: 0.150 W (802.11b), 0.141 W (802.11g)
0.152 W (802.11n20), 0.123 W (802.11n40)
Antenna Information: PCB Antenna, 2.0 dBi
Emission Designation: Bluetooth: 1M15F1D; BLE: 1M04F1D
Wi-Fi: 1M53G1D, 16M5D1D, 17M7D1D, 36M3D1D

Certification of equipment means only that the equipment has met the requirements of the above noted specification. License applications, where applicable to use certified equipment, are acted on accordingly by the issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by ISED/La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'ISED.

Authorized by: *Daniel Deng*

Daniel Deng, Certifier

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