



**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:	B2004238
Certification Number:	21098-ESPWROVERE
Certificate Holder:	ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD. Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai 201203, China
Model Name/Number:	ESP32-WROVER-E, ESP32-WROVER-IE
Type of Equipment:	Modular Approval, Bluetooth Devices, Wi-Fi Devices
ISED Specifications:	RSS-247, Issue 2, Feb 2017 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
Test Laboratory:	
ISED Test Lab #:	3062E-2
Frequency Range:	Bluetooth/BLE: 2402-2480 MHz Wi-Fi: 2412-2462 MHz, 2422-2452 MHz Bluetooth: 0.007 W; BLE: 0.005 W Wi-Fi: 0.459 W (802.11b), 0.390 W (802.11g)
Output Power (Conducted):	0.388 W (802.11n20), 0.448 W (802.11n40)
Antenna Information:	PCB Antenna: 3.4 dBi; Omni Antenna with IPEX: 2.33 dBi
Emission Designation:	Bluetooth: 1M19F1D; BLE: 1M03F1D Wi-Fi: 13M2G1D, 16M6D1D, 17M4D1D, 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 technique ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de destination 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, Certifier
Bay Area Compliance Laboratories Corp.
1274 Anvilwood Avenue,
Sunnyvale, CA 94089, USA



Date of Issue: 2020-04-29

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Bay Area Compliance Laboratories Corp. (BACL)
 1274 Anvilwood Avenue, Sunnyvale, CA 94089, USA
 Tel: 1 (408) 732-9162 Fax: 1 (408) 732-9164 Web: www.baclcorp.com