

**Certification
Issued Under the Authority of the
Federal Communications Commission
By:**

**Bay Area Compliance Laboratory Corp.
1274 Anvilwood Avenue
Sunnyvale, CA 94089**

**Date of Grant: 10/19/2018
Application Dated: 10/19/2018**

**ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD
456 Bibo Road Room A201
Shanghai, 201203
China**

Attention: Minjie Cai

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2AC7Z-WROOM32SE
Name of Grantee: ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD
Equipment Class: Digital Transmission System
Notes: Wi-Fi & Bluetooth Internet of Things Module
Modular Type: Single Modular

| <u>Grant Notes</u> | <u>FCC Rule Parts</u> | <u>Frequency Range (MHZ)</u> | <u>Output Watts</u> | <u>Frequency Tolerance</u> | <u>Emission Designator</u> |
|--------------------|-----------------------|------------------------------|---------------------|----------------------------|----------------------------|
| | 15C | 2402.0 - 2480.0 | 0.001 | | |
| | 15C | 2412.0 - 2462.0 | 0.373 | | |

Modular approval. Output power listed is conducted. This grant is valid only when the module is sold to OEM or OEM integrators. Modular approval for use as a module in mobile-only RF exposure conditions. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and not be co-located with any other transmitters, except in accordance with FCC multi-transmitter product procedures. Compliance of this device in all final host configurations is the responsibility of the Grantee. End-users must be provided with specific information required to satisfy RF exposure compliance for the final host device. Installation of this device into portable RF Exposure category host devices requires the submission of a Class II permissive change or new application. This device supports 20 MHz and 40 MHz bandwidth modes.

