

TCB

GRANT OF EQUIPMENT  
AUTHORIZATION

TCB

Certification

Issued Under the Authority of the  
Federal Communications Commission

By:

Timco Engineering, Inc.  
849 NW State Road 45 <BR>P.O. Box 370,  
Newberry, FL 32669

Date of Grant: 12/21/2017

Application Dated: 12/21/2017

**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-ESPWROOM32D  
**Name of Grantee:** ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD  
**Equipment Class:** Part 15 Spread Spectrum Transmitter  
**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	0.003		

Output power listed is conducted. Single Modular Approval for mobile RF Exposure condition. This device must be installed to provide a separation distance of at least 20-cm from all persons, and must not be co-located or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines. Approved for OEM integration only. The grantee must provide OEM integrators, or end-users if marketed directly to end-users, with installation and operating instructions for satisfying FCC multi-transmitter product guidelines. This grant is valid only when the device is sold to OEM integrators and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device.

