

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  
Newberry, FL 32669

Date of Grant: 11/22/2020  
Application Dated: 11/22/2020

**ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD**  
**Suite 204, Block 2, 690 Bibo Road,**  
**Zhang Jiang Hi-Tech Park,**  
**Shanghai, 201203**  
**China**

**Attention: Mia Zhou**

**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-ESPS2MINI1  
**Name of Grantee:** ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD  
**Equipment Class:** Digital Transmission System  
**Notes:** Wi-Fi Internet or 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	2412.0 - 2462.0	0.081		

Single Modular Approval. Output power listed is the maximum conducted output power. This module is to be used only for mobile and fixed applications. The module antenna(s) must be installed to meet the RF exposure compliance separation distance of 20 cm and any additional testing and authorization process as required. Co-location of this module with other transmitters that operate simultaneously is required to be evaluated using the FCC multi-transmitter procedures. OEM integrators and end-Users must be provided with transmitter operating conditions for satisfying RF exposure compliance. 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. Separate approval is required for all other operating configurations, including portable configurations with respect to 2.1093 and different antenna configurations. This device has 20 and 40 MHz bandwidth modes.

