

**TCB**

**GRANT OF EQUIPMENT  
AUTHORIZATION**

**TCB**

**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: 04/10/2020**

**Application Dated: 04/10/2020**

**ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD**

**Suite 204, Block 2, 690 Bibo Road,  
Zhang Jiang Hi-Tech Park,  
Shanghai, 201203  
China**

**Attention: Jian Huang**

**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-ESP32WROOM32E  
**Name of Grantee:** ESPRESSIF SYSTEMS (SHANGHAI)  
CO., 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	0.01		

Modular Approval. Output power listed is conducted. This transmitter is approved for use in mobile RF exposure category configurations with the antenna(s) installed to provide a separation distance of at least 20 cm from all persons. This grant is valid only when the module is sold to OEM or OEM integrator. Co-location of this module with other transmitters that operate simultaneously is required to be evaluated using the FCC multi-transmitter procedures. The integrator must be provided with specific information required to satisfy RF exposure compliance for final host devices and installations. Compliance of this device in all final host configurations is the responsibility of the Grantee. 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.