TCB

GRANT OF EQUIPMENT AUTHORIZATION

Certification
Issued Under the Authority of the Federal Communications Commission

By:

Bay Area Compliance Laboratory Corp. Date of Grant: 04/10/2020
1274 Anvilwood Avenue
Sunnyvale, CA 94089 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

Grant Notes

<table>
<thead>
<tr>
<th>FCC Rule Parts</th>
<th>Frequency Range (MHz)</th>
<th>Output Watts</th>
<th>Frequency Tolerance</th>
<th>Emission Designator</th>
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</thead>
<tbody>
<tr>
<td>15C</td>
<td>2402.0 - 2480.0</td>
<td>0.01</td>
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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.