

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: 01/22/2021
Application Dated: 01/22/2021**

**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-ESP32MINI1
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	0.007		

Single Modular Approval. Output power listed is the maximum conducted output power. This module is to be used only for mobile or fixed applications. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. 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. Users and installers must be provided with antenna installation instructions and 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.

