



TCB

GRANT OF EQUIPMENT
AUTHORIZATION
Certification
Issued Under the Authority of the
Federal Communications Commission
By:

TCB

Telefication B.V.
Edisonstraat 12a
Zevenaar, NL-6902 PK
Netherlands

Date of Grant: 01/22/2018

Application
Dated: 01/17/2018

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-ESP32WROOM32U
Name of Grantee: ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD
Equipment Class: Digital Transmission System
Notes: Wi-Fi & Bluetooth Internet of Things Module
Modular Type: Single Modular

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Emission Tolerance Designator
	15C	2402.0 - 2480.0	0.001	
	15C	2412.0 - 2462.0	0.039	

Single Modular Approval. Output power listed is conducted. This grant is valid only when the module is sold to OEM integrators and must be installed by the OEM or OEM integrators. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be collocated or operating in conjunction with any other antenna or transmitter, except in accordance with FCC multi-transmitter product guidelines. End-users may not be provided with the module installation instructions. OEM integrators and end-users must be provided with transmitter operating conditions for satisfying RF exposure compliance. This device has 20 /40 bandwidth mode.

Certificate No.: 182180022/AA/00	Mark Chung Product Assessor	
-------------------------------------	--------------------------------	--