

TIMCO ENGINEERING INC.

849 NW State Road 45
Newberry, Florida 32669

<http://www.timcoengr.com>

888.472.2424 F 352.472.2030 email: cb@timcoengr.com

3/8/2018

Our File: 312IC18
Radio Cert. No.: IC: 21098-ESP32SOLO1

ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD
Room 204, Building 2, 690 Bibo Road, Zhang Jiang Hi-tech Park
Shanghai, China 201203

Attention: Minjie Cai

Dear Sir/Madame:

I have reviewed the test report and related documents, and am pleased to advise that this device meets our procedural and specification requirements for certification. The field offices have been notified.

The assigned certification number and the model number must be shown on each equipment model. This certification identification information may be shown on the equipment model identification plate or on a separate label that shall be indelible and tamper proof. The certification number shall be prefixed with the letters "IC:" Radio equipment is certified as described on the attached certification certificate.

Certificate(s) are attached for the following HVIN/ model(s):
ESP32-SOLO-1

Please feel free to contact us if you have any questions or comments.

Sincerely,

Timco Engineering Inc.

Canadian Certification

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No. ➤ 312IC18

TECHNICAL ACCEPTANCE CERTIFICATE

Certification No.

➤ IC: 21098-ESP32SOLO1

Issued To

➤ ESPRESSIF SYSTEMS
(SHANGHAI) PTE LTD
Room 204, Building 2, 690 Bibo
Road, Zhang Jiang Hi-tech
Park,
Shanghai, China 201203

Tested By

➤ TA TECHNOLOGY (SHANGHAI) CO., LTD.
Company No: 8510A
Building 3, No. 145 Jintang Rd. Tangzhen Industry Park,
Pudong
Shanghai, 201201 CHINA
86-21-50791141/8023; 86-21-50791141/8000
haojinhua@ta-shanghai.com; quyun@ta-shanghai.com; teichina@timcoengr.com; yuhongmei@ta-shanghai.com

Type of Equipment

➤ Modular Approval (MA)

Type of Service

➤ New Certification (Single)

Hardware Version Id Number (HVIN)

➤ ESP32-SOLO-1

Product Marketing Name: (PMN)

➤ ESP32-SOLO-1

Firmware Version Id Number (FVIN)

➤ V1.17

Host Marketing (HMN)

➤ N/A

FREQUENCY RANGE	EMISSION DESIGNATIONS NECESSARY BANDWIDTH & EMISSION CLASSIFICATION	R.F. POWER	ANTENNA INFO	SPECIFICATION/ ISSUE & DATE	
2402-2480 MHz	767KF1D	0.041 W	PCB, 3.7 dBi	RSS-247	Issue 2; Feb 17
2402-2480 MHz	1M20G1D	0.044 W	PCB, 3.7 dBi	RSS-247	Issue 2; Feb 17
2402-2480 MHz	1M02F1D	0.016 W	PCB, 3.7 dBi	RSS-247	Issue 2; Feb 17
2412-2462 MHz	14M2G1D	1.178 W	PCB, 3.7 dBi	RSS-247	Issue 2; Feb 17
2412-2462 MHz	23M5D1D	1.208 W	PCB, 3.7 dBi	RSS-247	Issue 2; Feb 17
2422-2452 MHz	36M3D1D	0.885 W	PCB, 3.7 dBi	RSS-247	Issue 2; Feb 17

Note1: This equipment also complies with RSS-102, Issue 5 (March 2015) and RSS-Gen, Issue 4 (Nov 2014)

Certification of equipment means only that the equipment has met the requirements of the above noted specifications. License applications, where applicable to use certified equipment, are acted on accordingly by the issuing office and will depend on the existing radio environment, service and location of operation.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation.

This certificate is issued on condition that the holder complies and will continue to comply with the requirements of the radio standards specifications and procedures issued by Industry Canada.

Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'Industrie Canada.

I hereby attest that the subject equipment was tested and found in compliance with the above-noted specifications.

J'atteste par la présente que le matériel a fait l'objet d'essai et jugé conforme à la spécification ci-dessus.

Canadian Certification

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ISSUED UNDER THE AUTHORITY OF MINISTER OF INDUSTRY
DÉLIVRÉ AVEC L'AUTORISATION DU MINISTRE DES INDUSTRIES



Bruno Clavier, General Manager

DATE: March 8, 2018

Canadian Certification

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