

**Notified Body  
Number 1177**



**NOTIFIED BODY STATEMENT OF OPINION**

**R&TTE DIRECTIVE 1999/5/EC**

**Conformity assessment procedure Article 10(4) and Annex IV**

**PRODUCT DESCRIPTION**

Manufacturer Name	:	ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD
Manufacturer Address	:	Room 204, Building 2, 690 Bibo Road, Zhangjiang Hi-tech Park
Brand/Trade Name	:	WROOM
Model/Type Designation	:	ESP-WROOM-02
Product Description	:	Wi-Fi Internet of Things Module
Product Specifications	:	Please refer to ANNEX 1

**TECHNICAL CONSTRUCTION FILE**

Applicant Name	:	ESPRESSIF SYSTEMS (SHANGHAI) PTE LTD
Applicant Address	:	Room 204, Building 2, 690 Bibo Road, Zhangjiang Hi-tech Park
Signed by	:	Minjie Cai, Marketing Manager
Date	:	April 9, 2015
TCF Identification	:	ESP-WROOM-02

**TIMCO NOTIFIED BODY STATEMENT OF OPINION**

Issued by	:	Notified Body 1177, TIMCO Engineering, Inc.
Date	:	April 17, 2015
Opinion number	:	TCF-709CC15
On behalf of	:	The President of TIMCO Engineering, Inc.
Signature	:	<i>Bruno Clavier</i>
Name	:	Bruno Clavier

The device shall be marked as follows:

**CE 1177**

THIS STATEMENT OF OPINION HAS 1 ANNEX.

Based on the evidence presented in the Technical Construction File, TIMCO Engineering, Inc., as appointed Notified Body (number 1177), has given a positive opinion that the product described is in conformity with the essential requirements Article 3.2 of R&TTE Directive 1999/5/EC. This Statement of Opinion is valid until June 13, 2017.

<b>TIMCO ENGINEERING, INC.</b> P.O. BOX 370 NEWBERRY, FL 32669 www.timcoengr.com	Designated as a U.S. CAB by <b>NIST National Institute of Standards and Technology</b> An agency of the U.S. Commerce Department	This Opinion is issued under the provision that TIMCO Engineering Inc. nor its subsidiary companies accept any liability concerning the contents of this document other than forced by law. Reproduction of the Opinion (with Annex) in full is allowed. Reproduction of parts of this certificate may only be allowed by written permission of TIMCO Engineering, Inc.
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## ANNEX 1 TO STATEMENT OF OPINION

### TCF-709CC15

Date: April 17, 2015

#### PRODUCT SPECIFICATIONS

Intended Use/Category	:	SRD – Wideband Data Transmission System (802.11bg/n)
RF output power	:	11b:84.9mW EIRP 11g: 63.0mW EIRP 11n (HT20) 74.5mW EIRP
Frequency range (MHz)	:	2412-2472
Modulation	:	DSSS (BPSK/QPSK/CCK) and OFDM (BPSK/QPSK/16QAM/64QAM)
Antenna type	:	Integral