EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB

Notified Body Number 0700

Recognised by Bundesnetzagentur

BNetzA-bS-02/51-55

This is to certify that:
PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	17-214126
Manufacturer	Pycom Ltd
Address	High Point 9 Sydenham Road Guildford Surrey GU1 3RX UK
Product Description	Double Network (WiFi and Bluetooth) IoT development Module powered by MicroPython; With Non- Specific SRD
Brand Name / Model Name	Pycom / WiPy 3.0

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	**Conform**
Article 3.1 b): Electromagnetic Compatibility	**Conform**
Article 3.2: Effective and Efficient Use of Radio Spectrum	**Conform**
Additional Essential Requirements:	**Not applicable**

Date of issue	**2017-12-12**	Expiry date:	**2022-12-11**

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 3 pages.

Seal

12/12/2017 5:20 PM

Signed by Alan Lane
Notified Body

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Annex

Technical description

Frequency Range	Bluetooth: 2402 - 2480 MHz WiFi(HT20): 2412 - 2472 MHz WiFi(HT40): 2422 - 2462 MHz
Transmit Power	Bluetooth: 2.93 dBm EIRP WiFi: 7.99 dBm EIRP
Hardware Version	3.0r
Software Version	3.0

System Components --

Optional Components

Antenna	Rod antenna, 2 dBi (Max.)

Approval documentation

External / Internal Photos	Provided, 2 pages / 2 pages
User Manual	WiPy 3.0, 3 pages
Block Diagram	Provided, 1 page
Circuit Diagram	Provided, 1 page
Operational Description	Description of the WiPy 3.0 working principle, 2 pages
PCB Layout	Provided, 4 pages
Parts Placement	Provided, 2 pages
Parts List	Provided, 4 pages
EU Declaration of Conformity	1 page, November 29, 2017
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, November 25, 2017
Further Documents	Risk Assessment, 2 pages, --

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Applied Standards and Test Reports

Specification	**Laboratory**	**Test Report Number / Version**
EN 60950-1:2006+A11:2009+ A1:2010+A12:2011+A2:2013	Shenzhen Morlab Communications Technology Co., Ltd	SZ17100152A01
EN 62479: 2010	Shenzhen Morlab Communications Technology Co., Ltd	SZ17100152S02
Draft ETSI EN 301 489-1 V2.2.0 Draft ETSI EN 301 489-17 V3.2.0	Shenzhen Morlab Communications Technology Co., Ltd	SZ17100152E03
ETSI EN 300 328 V2.1.1	Shenzhen Morlab Communications Technology Co., Ltd	SZ17100152W04 SZ17100152W05 SZ17100152W06

Limitations / Restrictions

- Operating Temperature range is -40 - +85 degree Celsius.
- If the module shall be integrated into a system, this set needs to be reassessed.

Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.

2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.

3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.

4. CE The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.

5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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