

Expertise

Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC

PHOENIX TESTLAB
EU Identification Number **0700**

Recognised by  Bundesnetzagentur

BNetzA-bs-02/51-55

Expertise No.	16-213298
Certificate Holder	Pycom Ltd
Address	Registered Office 57 Avenue Road Cranleigh, Surrey GU6 7LJ UK
Product Description	LoPy; Module with Bluetooth, WiFi and Non-specific SRD
Brand Name / Model Name	Pycom / LoPy1.0r

Opinion on the Essential Requirements

Article 3.1a): Health and Safety	No remarks
Article 3.1b): Electromagnetic Compatibility	No remarks
Article 3.2: Effective Use of the Radio Spectrum	No remarks

CE-marking

Marking Example (Class 1) **CE 0700**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages).
R&TTE Directive will expired on 12 June 2017.

Blomberg, 24 October 2016

Place, Date of Issue



Signed by Alan Lane
Notified Body

Technical description

Frequency Range	Bluetooth: 2402 - 2480 MHz WiFi(H20): 2412 - 2472 MHz WiFi(H40): 2422 - 2462 MHz Non-specific SRD: 868.1 - 868.5 MHz (Sub-Class 28, 3 CH, Duty cycle<1%)
Transmitted Power	Bluetooth: 2.35 dBm EIRP WiFi: 10.85 dBm EIRP Non-specific SRD: 11.89 dBm ERP
Operational temperature range Device	-20 ~ 85 degree Celsius
Operational temperature range Power adaptor	--

Technical Construction File (TCF):

Technical documentation according to Annex II sub clause 4:

- | | |
|---|---|
| <input checked="" type="checkbox"/> User Manual | <input checked="" type="checkbox"/> Operational Description |
| <input checked="" type="checkbox"/> Block Diagram | <input checked="" type="checkbox"/> Circuit Diagram |
| <input checked="" type="checkbox"/> Parts Placement | <input checked="" type="checkbox"/> PCB-Layout |
| <input checked="" type="checkbox"/> Parts List | |

Hardware Version : 1.0r

Software Version : 1.0

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Shenzhen Morlab Communications Technology Co.,Ltd	SZ16080189A01A
EN 62479:2010	Shenzhen Morlab Communications Technology Co.,Ltd	SZ16080189S03A
EN 301 489-1 V1.9.2 EN 301 489-17 V2.2.1	Shenzhen Morlab Communications Technology Co.,Ltd	SZ16080189E02A
EN 300 328 V1.9.1	Shenzhen Morlab Communications Technology Co.,Ltd	SZ16080189W10A SZ16080189W11A SZ16080189W12A
EN 300 220-1 V2.4.1 EN 300 220-2 V2.4.1	Shenzhen Morlab Communications Technology Co.,Ltd	SZ16080189W15A

Further Documents

EU Declaration of Conformity, 1 page, 2016-10-18.



Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

- Conform

Article 3.1b): Electromagnetic Compatibility:

- Conform

Article 3.2: Effective Use of the Radio Spectrum:

- Conform

General Remarks:

- This conformity assessment is limited to the essential requirements of the R&TTE Directive. Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service. Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.
- If the module shall be integrated into a system, this set needs to be reassessed.

