



USA: TCB, ISED: FCB
 Japan: RCB, OFCA: FCB, IMDA: CAB
 Notify Body RED Directive 2014/53/EU
 Notify Body EMC Directive 2014/30/EU

DIRECTIVE 2014/53/EU EU TYPE EXAMINATION CERTIFICATE NOTIFIED BODY: 1313

Certificate No.: B2003011
Date of Issue: 2020-04-03
Manufacturer: M5Stack Technology Co., Ltd
 106,1st Floor, Building 1, Bright Technology Park, 88 Zhuguang North
 Road, XiliTaoyuan Street, Nanshan District, Shenzhen, Guangdong,
 China
Trade Name: N/A
Product Designation: ATOM-1, ATOM-2
Product Description: ATOM

Essential Requirements		Examined Documentation	Results
RED Article 3.1(a)	Safety	Technical documentation & Test report	Conform
RED Article 3.1(a)	Health	Technical documentation & Test report	Conform
RED Article 3.1(b)	EMC	Technical documentation & Test report	Conform
RED Article 3.2	Radio	Technical documentation & Test report	Conform
RED Article 3.3	Delegated Acts	Technical documentation & Test report	Not Applicable

This EU-Type Examination Certificate is issued in accordance with Annex III, Module B of Council Directive 2014/53/EU of 16 April, 2014 and is only valid in conjunction with the attached Appendixes.

The scope of EU Type Examination only relates to the submitted documentation.

Marking: The product shall be marked with the CE marking as required in the Council Directive 2014/53/EU

Number of Appendixes to this certificate: 1



Authorized by:

Ivan Cao
 Certifier



CI021-D

APPENDIX A OF TYPE EXAMINATION CERTIFICATE

Product Characteristics

TX Frequency:	Bluetooth/LE: 2402-2480 MHz 2.4G Wi-Fi: 2412-2472 MHz(802.11b/g/n20)/2422-2462 MHz(802.11n40)
RX Frequency:	Bluetooth/LE: 2402-2480 MHz 2.4G Wi-Fi: 2412-2472 MHz(802.11b/g/n20)/2422-2462 MHz(802.11n40)
ITU Designation:	F1D, G1D, D1D
Output Power:	Bluetooth: 9.81 dBm, BLE:5.76 dBm 2.4G Wi-Fi:15.49dBm(802.11b), 14.50 dBm(802.11g), 14.75 dBm(802.11n20), 13.35 dBm(802.11n40)
Modulation:	Bluetooth/BLE: GFSK, $\pi/4$ -DQPSK, 8DPSK Wi-Fi: DSSS, OFDM
Antenna:	PIFA/2.0 dBi

Conformity Details

Requirement	Standard, Test Report Number, Date & Laboratory
Radio	EN 300 328 V2.2.2 (2019-07)
Spectrum	Test Report RSHD200103001-01B/-01C/-01D issued on 2020-02-21 by BACL, Kunshan
EMC	EN 301 489-1 V2.2.3 (2019-11), EN 301 489-17 V3.2.0 (2017-03) Test Report RSHD200103001-02 issued on 2020-02-11 by BACL, Kunshan
Safety	EN 62368-1:2014+A11:2017 Test Report RSHD200103001-SF issued on 2020-02-28 by BACL, Kunshan
Health	EN 62311:2008 Test Report RSHD200103001-01E issued on 2020-02-21 by BACL, Kunshan

***** End of Appendix *****

