



CERTIFICATE *of* COMPLIANCE



Certificate Validation

CERTIFICATE OF COMPLIANCE

R210-220352 / 3 Nov 2023 / Rev A

for Radio Equipment in JAPAN

MiCOM Labs Inc. declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the requirements of the above noted regulator.

Product Name:

Arduino UNO R4 WiFi

Approval Holder Name:

Arduino S.r.l.




Gordon Hurst, Product Certifier

This Certificate is Issued under the Authority of:

MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA

Registered Certification Body ID Number: 210



CERTIFICATE OF

R210-220352 / 3 Nov 2023 / Rev A

for Radio Equipment in JAPAN

Product Name:

Arduino UNO R4 WiFi

Product Model Numbers: **ABX00087**

Brand Name: **Arduino**

Approval Holder: **Arduino S.r.l.**, Via Andrea Appiani,25 20900, MONZA, Italy

Test Lab: **Shenzhen Huatongwei International Inspection Co., Ltd.**, Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, China

Standards

Group

Article 2 paragraph 1 item (19)

Article 2 paragraph 1 item (19)-2

Description of Apparatus

Company Name

Arduino S.r.l.

Certification No.

R210-220352

Issue Date / Rev

3 Nov 2023 / Rev A

Equipment Description

Arduino UNO R4 WiFi

Brand Name

Arduino

Hardware Version

0.3

Firmware Version

1.0.2

Emission Information

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
Bluetooth LE	2402MHz	2480MHz	1M23F1D	2.00mW	Conducted	--	--	--
802.11b	2412MHz	2472MHz	12M8G1D	--	--	--	--	2.50mW/MHz
802.11g	2412MHz	2472MHz	16M6D1D	--	--	--	--	1.00mW/MHz
802.11n(HT20)	2412MHz	2472MHz	17M4D1D	--	--	--	--	1.00mW/MHz
802.11n(HT40)	2422MHz	2462MHz	35M7D1D	--	--	--	--	0.50mW/MHz
802.11b	2484MHz	2484MHz	19M2G1D	--	--	--	--	1.50mW/MHz

Antennas

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
PCB Antenna	ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD	ESP32-S3-MINI-1	4.54	2400-2500MHz

Technical Construction File Details: (Documents Reviewed)
Technical Report(s):

Article 2 paragraph 1 item (19):
 CHTEW23090033
 CHTEW23090034
 Article 2 paragraph 1 item (19)-2:
 CHTEW23090035

Supporting Documentation:

Service Agreement
 Letter of Authorization
 ISO 9001 Cert and/or Japan Product Quality
 Japan Application
 Japan Radio Protection Declaration
 Antenna Specifications
 Block Diagram
 BOM or Parts List
 External Photographs (MIC Reported)
 Internal Photographs (MIC Reported)
 Label and its Location
 Operational Description
 PCB Layout
 Schematics
 Test Setup - Japan
 User Manual

Type Marking

The validity of this Certificate is limited to products, which are equal to the one examined in the type - examination.
 • When the manufacturer(or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:

