MiCOMLabs®

CERTIFICATE of COMPLIANCE

CERTIFICATE OF COMPLIANCE

R210-183197 / *30 Aug 2022* / **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 Nano 33 IoT with Headers, Arduino Nano 33 IoT

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

Doc - Cert v2.4q

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Product Name:

Arduino Nano 33 IoT with Headers, Arduino Nano 33 IoT

Product Model Numbers: **ABX00032, ABX00027**

Brand Name: **Arduino**

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

Test Lab: **Shenzhen Huatongwei International Inspection Co., Ltd.**, 1/F, Bldg3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China

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Standards

Group

Article 2 paragraph 1 item (19)

Description of Apparatus

Company Name	**Arduino S.r.l.**
Certification No.	**R210-183197**
Issue Date / Rev	**30 Aug 2022 / Rev A**
Equipment Description	**Arduino Nano 33 IoT with Headers, Arduino Nano 33 IoT**
Brand Name	**Arduino**
Hardware Version	**3.0**
Firmware Version	**1.4.0**

Emission Information

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
Bluetooth LE	2402MHz	2480MHz	26M0F1D	4.00mW	Conducted	--	--	--
Bluetooth BDR	2402MHz	2480MHz	83M5F1D	--	--	--	--	0.06mW/MHz
Bluetooth EDR	2402MHz	2480MHz	83M5G1D	--	--	--	--	0.06mW/MHz
802.11b	2412MHz	2472MHz	26M0G1D	--	--	--	--	5.00mW/MHz
802.11g	2412MHz	2472MHz	26M0D1D	--	--	--	--	1.50mW/MHz
802.11n(HT20)	2412MHz	2472MHz	26M0D1D	--	--	--	--	1.50mW/MHz

MiCOM Labs, 575 Boulder Court, Pleasanton, California 94566, USA
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Antennas

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
PIFA	Arduino S.r.l.	ABX00032	-3.2dBi	2400-2500MHz

Technical Construction File Details: (Documents Reviewed)

Technical Report(s):
Article 2 paragraph 1 item (19):
CHTEW21110205
CHTEW21110206
CHTEW21110207

Supporting Documentation:
Service Agreement
Agent 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:

Ⓡ 210-183197

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