



Certificate Number 219-229237

Certificate Holder KHADAS TECHNOLOGY CO., LTD
Certificate Holder Address 2709 QIANCHENG CENTER, HAICHENG ROAD,
XIXIANG STREET, BAO'AN DISTRICT, SHENZHEN,
CHINA. 518101

Product Model Name Edge2 Basic, Edge2 Pro
Product Description Edge2 Maker Kit


Manufacturer
(if different from Certificate Holder)

Type-Based Certificate	KL-Certification GmbH, operating as a Registered Certification Body (RCB ID: 219) with respect to Japan, declares that the listed product complies with the Technical Regulations Conformity Certification of Specified Radio equipment in accordance with the provisions of Article 38-24, Paragraph 1 of the Radio Law.
Classification of Specified Radio equipment	Ordinance concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment
Annex	The certificate is only valid together with the annex.

Type-Based Certificate

CAB 0219

St. Ingbert, 26.10.2022
Place, issue date


Authorized Signature

Product Characteristics

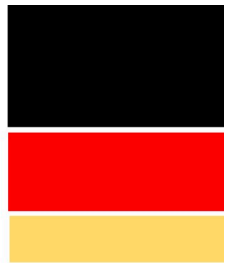
Brand Name Khadas
Hardware Version V11
Software Version OOWOW V1.0

Specified Categories

Specified Radio Equipment	MIC Ordinance No. 37	remark
Low power data communications system in the 2.4GHz band	Article 2 paragraph 1 item 19	
Low power data communications system in the 5GHz band	Article 2 paragraph 1 item 19-3	

Emission Information

Technology	Frequency Range	Emission Designator	RF Power		Antenna Power
			Max.	Type	
Bluetooth BLE (1M PHY)	2402MHz-2480MHz	1M04F1D	1.0mW	Conducted	--
Bluetooth BLE (2M PHY)	2402MHz-2480MHz	2M08F1D	0.5mW	Conducted	--
Bluetooth BDR	2402MHz-2480MHz	78M5F1D	--	--	0.02mW/MHz
Bluetooth EDR	2402MHz-2480MHz	78M6G1D	--	--	0.02mW/MHz
Bluetooth EDR	2402MHz-2480MHz	78M6G1D	--	--	0.02mW/MHz
802.11b	2412MHz-2472MHz	13M0G1D	--	--	2.0mW/MHz
802.11g	2412MHz-2472MHz	17M0D1D	--	--	2.0mW/MHz
802.11n(HT20)	2412MHz-2472MHz	18M0D1D	--	--	3.0mW/MHz
802.11ax(HE20)	2412MHz-2472MHz	17M7D1D	--	--	3.0mW/MHz
802.11a	5180MHz-5240MHz	17M6D1D	--	--	2.0mW/MHz
802.11n(HT20)	5180MHz-5240MHz	17M6D1D	--	--	3.0mW/MHz
802.11n(HT40)	5190MHz-5230MHz	35M9D1D	--	--	2.0mW/MHz
802.11ac(VHT20)	5180MHz-5240MHz	17M6D1D	--	--	3.0mW/MHz
802.11ac(VHT40)	5190MHz-5230MHz	35M8D1D	--	--	2.0mW/MHz
802.11ac(VHT80)	5210MHz-5210MHz	75M7D1D	--	--	0.5mW/MHz
802.11ax(HE20)	5180MHz-5240MHz	17M6D1D	--	--	3.0mW/MHz
802.11ax(HE40)	5190MHz-5230MHz	36M0D1D	--	--	2.0mW/MHz
802.11ax(HE80)	5210MHz-5210MHz	75M7D1D	--	--	0.5mW/MHz

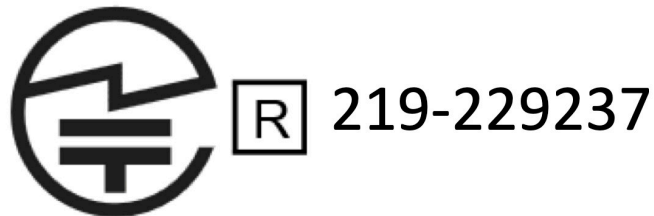


Antenna

Antenna Type	Manufacturer	Model/Part No.	Max Gain [dBi]	Frequency band [MHz]
FPC Antenna	Shenzhen Lejin radio frequency technology Co., LTD	ANT-V-A01	3.45;	2400-2500;
FPC Antenna	Shenzhen Lejin radio frequency technology Co., LTD	ANT-V-B04	1.1 3.45;	5150-5250 2400-2500;
			1.1	5150-5250

The assessed Technical Construction File is part of the application. The validity of the Certificate is limited to products equal to the examined one.

When placing the product on the market in Japan the manufacturer or certificate holder must label the product with the following Specified Radio Equipment marking:



Type-Based Certificate

Technical Construction File assessed for this type-examination:

Test Report(s):	Supporting Documentation:
Report No.: LCSA082522109EA issued by Shenzhen LCS Compliance Testing Laboratory Ltd., dated September 28, 2022	Service Agreement
Report No.: LCSA082522109EB issued by Shenzhen LCS Compliance Testing Laboratory Ltd., dated September 28, 2022	Agent Authorization
Report No.: LCSA082522109EC issued by Shenzhen LCS Compliance Testing Laboratory Ltd., dated September 28, 2022	Application Form
Report No.: LCSA082522109ED issued by Shenzhen LCS Compliance Testing Laboratory Ltd., dated September 28, 2022	Proof for Product Quality Control
	Declaration for Radio Protection
	Methodology
	Antenna Specifications
	Bill of Material
	Block Diagram
	Schematics
	PCB Layout/Parts Placement
	Operational Description
	Internal Photos
	External Photos
	Label and label location
	Test Setup Photos
	User Manual

Please note the following points:

- 1) The review has been completed and a certificate has been issued, the certificate is valid with immediate effect.
- 2) The documents shall be submitted to MIC and the device shall be published after a while on the MIC website: <http://www.tele.soumu.go.jp/giteki/SearchServlet?pageID=js01>

Radio Law, Article 38-25

- 1) A person who has received a construction design certification (hereinafter referred to as a "certified dealer") from a registered certification body, when dealing with a specified radio equipment based on the construction design pertaining to the relevant construction type certification (hereinafter referred to as "certified construction design") must ensure that the relevant specified radio equipment conforms to the relevant certified construction design.
- 2) A certified dealer must inspect the specified radio equipment that it deals in under the preceding paragraph, in accordance with the method for verification pertaining to the construction design certification, and prepare and maintain the inspection records specified by Order of the Ministry of Internal Affairs and Communications.