

2.4GHz Wireless LAN All In One Module Specification

Preliminary Version

Model number	Function	Specification revision	Remarks
UGFZ1XXXXX	IEEE802.11 b Compliant ARIB STD-T66 ARIB RCR STD-33	0.0.1	

Model number

Digit	Definition	Contents
Digit 0~2	IEEE802.11 LAN Module	UGF
Digit 3	Destination	Z: World Wide
Digit 4	TYPE	1
Digit 5	Status of products	-: Mass production x: Engineering Sample
Digit 6	-	-
Digit 7	-	-
Digit 8	Serial number	Customer dependent
Digit 9	Revision	Starting from A

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					CHKD.	TITLE	PRODUCT SPECIFICATION		
					APPD.	UGFZ1			
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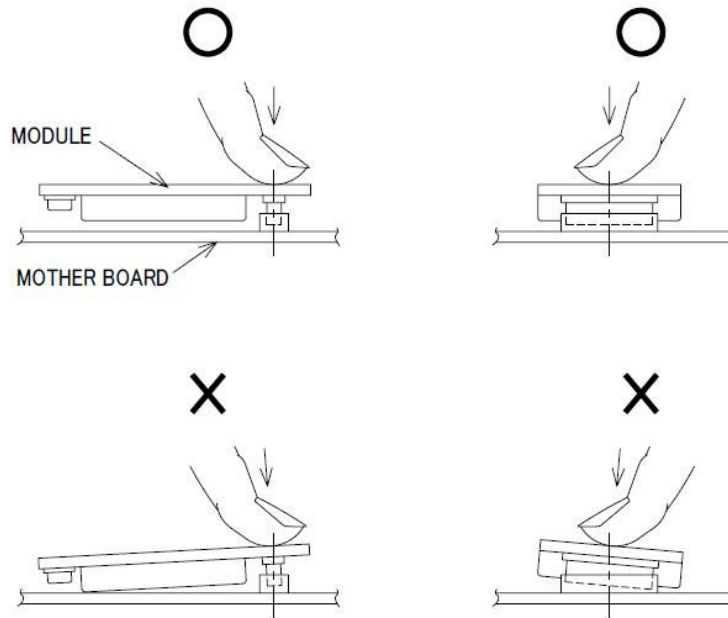
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弊社は、常に品質・信頼性の向上に取り組んでおりますが、種々の要因で故障する事もあり得ます。
- Please do not detach this Products for the structure fixed by the double-stick tape after the installation of the Products.
本製品は、両面テープにて固定する構造のため、製品取り付け後は、取り外しを行わないようにしてください。
- Please execute the following content to prevent the connector transforming and being damaged for Board to Board connector assembly (preference Fig1)
Board to Board コネクタの取り付けは、コネクタの変形・破損を防止するために下記内容にしたがって取り付けを行ってください。(Fig1 参照)

- (1) THE POSITION IS CONFIRMED AND SHALL INSERT IN PARALLEL.
コネクタは、挿入位置を確認して、平行に挿入してください。
- (2) WHEN INSERTING IT EXCESSIVE POWER SHALL NOT BE GIVEN.
コネクタ挿入時は、過度の力を加えないように注意してください。

Fig1



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CAUTION:

- This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

Le présent appareil est conforme aux la partie 15 des règles de la FCC et CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

- This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
- If the FCC ID written in the label which is stuck on the surface of the device can not seen from out side when it's installed in a customer's product, following indication is necessary to be showed on the product in which the device is installed. And the indication is also necessary to be written in a user manual of the customer's product.

“Contains Transmitter Module FCC ID: CWTUGFZ1”, or

“Contains FCC ID: CWTUGFZ1”

- If the IC Number written in the label which is stuck on the surface of the device can not seen from out side when it's installed in a customer's product, following indication is necessary to be showed on the product in which the device is installed. And the indication is also necessary to be written in a user manual of the customer's product.

“Contains Transmitter Module IC: 1788F-UGFZ1”, or

“Contains IC: 1788F-UGFZ1”

All of the following descriptions are necessary to be written in a user manual of the customer's product.

- **FCC WARNING**
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- **Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television

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CAUTION:

reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
 - RF Exposure Compliance

For FCC Users

(1) For Mobile Equipment

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

(2) For Portable Equipment

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR).

For IC Users

Note) In Canada, this product (UGFZ1) is NOT allowed to be equipped in portable equipment.

(1) For Mobile Equipment

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps (à l'exception des extrémités : mains, poignets, pieds et chevilles).

- Intended end-usage
2.4GHz (IEEE802.11b) Wireless LAN All-In-One module for sensor network

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