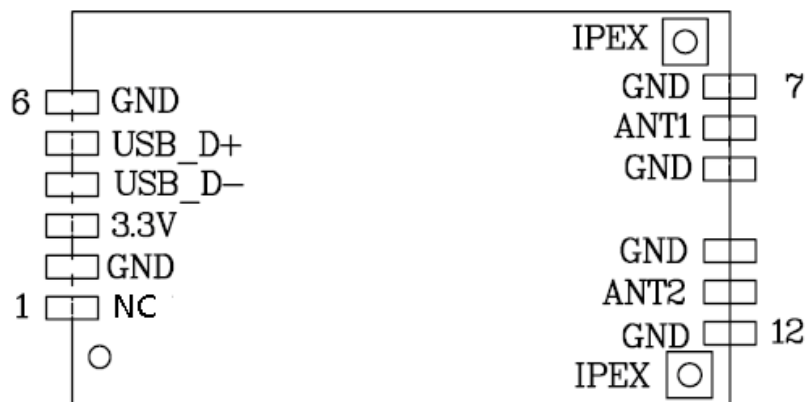


## Wi-Fi Module:

The module WG233E is manufactured by SkyLab M&C Technology Co. The module is capable of operating in IEEE 802.11a/b/g/n/ac and can operate in both the 2.4GHz and 5.8GHz band. The module operates in 2T2R mode and supports 2 external antenna connection points through two IPEX connectors. To prevent unwanted emission noise, the radio IC is encapsulated with a with a metalized EMI shield.

The wifi radio IC consists of a Realtek RTL8812 chipset. The interface between the module and the microprocessor is USB 2.0 running at high speed and operates off of 3.3V. Refer to the pinout of the module below.



Component	Model number	Specification	Manufacturer	FCC ID
RF module/chip	WG233EC	IEEE802.11 a/b/g/n/ac 2.4G&5G WLAN dual antenna	SKYLABS	2ACOE-WG233
Antenna 1 &2	SKA15_220 Note: Sky labs internal model number is MST-24/58BC-7	MAGNETIC DUEL BAND ANTENNA/SUCKER TYPE	SKYLABS	Not Applicable
Cable	SKA113_75	75mm SMA/IPEX CABLE, ROHS COMPLIANT	SKYLABS	Not Applicable

Table 1 RF Component details

**Skylab Module FCC Details:**

Original Company Name: Skylab M&C Technology co., Ltd

Original Model: WG233

Original FCC ID: 2ACOE-WG233

The original granted date is: May 27, 2020

**Skylab Module ISED Details:**

Original Company Name: Skylab M&C Technology co., Ltd

Original IC: 20742-WG233

Original Marketing Name (PMN): WIFI MODULE

Original Model (HVIN):WG233

Original Firmware (FVIN): V1.0

UTEC, Inc. intend to market the product with new identification. The new identification is placed on the Skylab's Module.

New Company Name: UTEC, Inc.

New Model: WG233

New FCC ID: 2AK6N-WG233

New ISED ID: 703A-WG233

This device complies with part 15 of the FCC rules and with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- 2) This device must accept any interference, including interference that may cause undesired operation of the device.

**FCC 15.21 statement:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**End product labeling:**

This transmitter module is authorized only for use in device where the antenna may be installed such that 20 cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following: "Contains FCC ID: 2AK6N-WG233" and Contains IC: 703A-WG233.