

Statement

We **Quectel Wireless Solutions Co., Ltd** declare the following models.

Product Name: WIFI & Bluetooth and Thread Module

Model Number: FGS060N

Hardware Version: R1.0

Equipment Product Code: 2024FGS060N

FCCID Number and Date of Original Grant: XMR2024FGS060N,2025/6/25

FGS060N(Variant) and FGS060N(Original) both use NXP IW612UK/A1IZ chipset, share the same chipset baseline, but in the software and hardware fields, there is only one difference in the usage of GPIO. the difference is FGS060N(Variant) LGA Module D1 PIN is LE_AUDIO, but the PIN D1 ON FGS060(Original) LGA MODULE is Reversed.

The FGS060N (original) and FGS060N (Variant) use different antennas.

Module	Chipset	Frequency
FGS060N(Variant)	IW612UK/A1IZ	2.4 GHz: 2400 MHZ ~2483.5MHZ 5GHz: 4900MHZ~5895MHZ
FGS060N(Original)	IW612UK/A1IZ	2.4 GHz: 2400 MHZ ~2483.5MHZ 5GHz: 4900MHZ~5895MHZ

Module	Chipset	Antenna
FGS060N(original)	IW612UK/A1IZ	Antenna Type: PCB antenna Peak Gain: 2.4GHz: $\leq 4.19\text{dBi}$, 5GHz: $\leq 4.7\text{dBi}$
FGS060N(variant)	IW612UK/A1IZ	Antenna Type: Dipole antenna Peak Gain: 2.4GHz: $\leq 0.2\text{dBi}$, 5GHz: $\leq -0.7\text{dBi}$

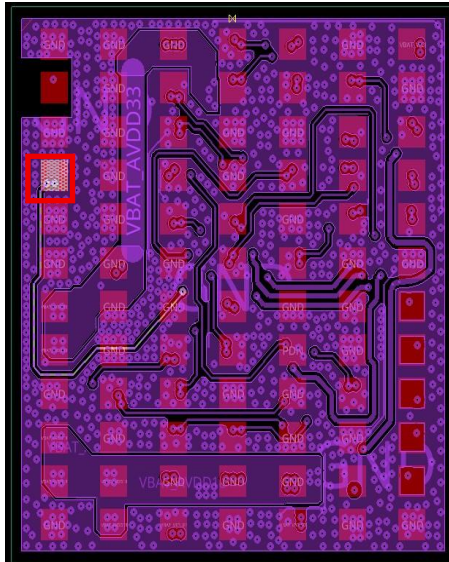
2. Change of manufacturer's address:

Old Address	New Address
Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai 200233, China	No. 8 Waipojing Road, Sijing Town, Songjiang District, Shanghai 201601, China

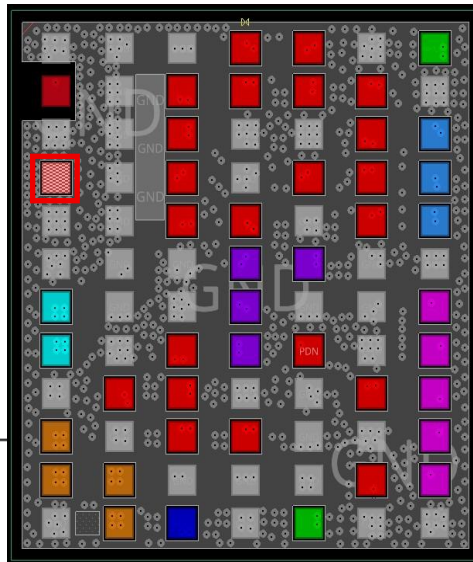
3. Update Brand

Old Brand	New Brand
Quectel	QUECTEL

● PCB Layout changes



FGS060N(Variant)



FGS060N(Original)

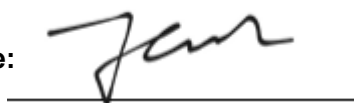
● HW Difference Table

Designator	FGS060N(Variant)	FGS060N(Original)
PCB	LGA PIN D1 PIN is net LE_AUDIO connect to IW612 chip	LGA PIN D1 PIN is no net connect to IW612 chip

Above changes won't impact the protocol and RF performance for same frequency. Your assistance on this matter is highly appreciated.

Person responsible for making this statement.

Name/Surname:



Position/Title: Certification Manager

Issue Date: July 13,2026