

Statement

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

Product Name: LTE Module

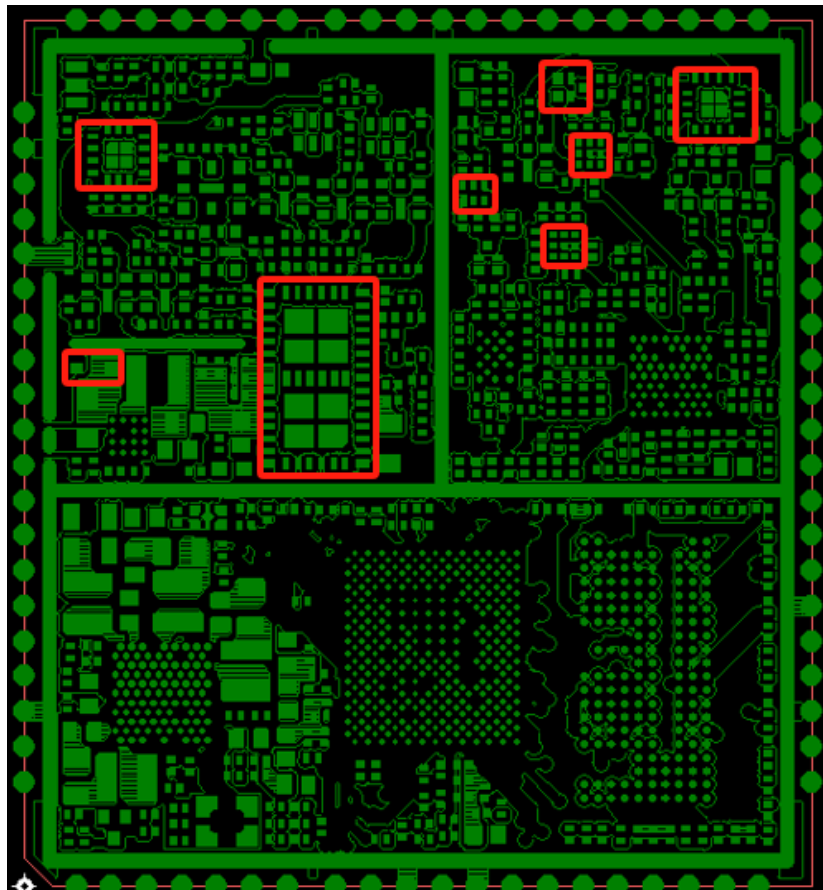
Model Number: EC25-AFX, EC25-AFX MINIPCIE

Hardware Version: R1.0

The new version and original version both use Qualcomm 9x07 chipset, share the same chipset baseline, software and hardware design, the difference is some components import the second supplier.

Module	SW Version	Chipset	Frequency
EC25-AFX, EC25-AFX MINIPCIE (Original)	EC25AFXGAR07A01M1G	MDM9207	LTE Cat 4: B2/4/5/12/13/14/66/71 WCDMA: B2/4/5
EC25-AFX, EC25-AFX MINIPCIE (New)	EC25AFXGAR07A04M1G		*GPS/GLONASS/BDS/Galileo/QZSS

- **PCB Layout changes**



● HW Difference Table

Designator	Original Version (Part Description)	New Version (Part Description)
U1101	IC RF SWITCH SP8T 31dBm 2.0x2.0mm H0.6mm RO BGS18GA14 E6327	IC RF SWITCH SP8T 31dBm 2.0x2.0mm H0.6mm RO AW13418QNR
U0702, U0703	IC RF SWITCH SP3T 30dBm 1.1x1.1mm H0.375mm RO BGS13S4N9 E6327	IC RF SWITCH SP3T 34dBm 1.1x1.1mm H0.6mm RO RTC8613MU
U0801	IC RF SWITCH SP8T 32dBm 2.0x2.0mm H0.6mm RO BGS18GA14 E6327	IC RF SWITCH GPIO SP8T 38dBm VDD=2.8V 14-QFN PINS15 2.0x2.0mm H0.60mm RO CAN8181
U1105	IC RF LNA GPS/Glonass/Galileo/Beidou AR8125	IC RF LNA L1 BGA824N6 E6327
D1201	ESD POLY V _{rw} =5V 100pF SOD-523 RO T5V0S5-7	TVS Si V _{rw} =5V 90pF SOD-523 RO WS05D5
U1103	IC RF RX filter UNBalance B12/B13 15dBm 1.1x0.9mm H0.5mm RO SAFFB742MAA0F0AR1X	IC RF RX filter UNBalance B12/B13 15dBm 1.1x0.9mm H0.5mm RO SFH742AA402
U1001	ICRF PA UMTS/LTE/TDSCDMA/CDMA 4.00x6.79mm H0.725mm RO QM56020TR13-5K	IC RF PA UMTS/LTE/TDSCDMA/CDMA 4.00x6.79mm H0.725mm RO QM56030TR13

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: Jean Hu

Position/Title: Certification Manager

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