

Statement

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

Product Name: LTE Cat 1 bis Module

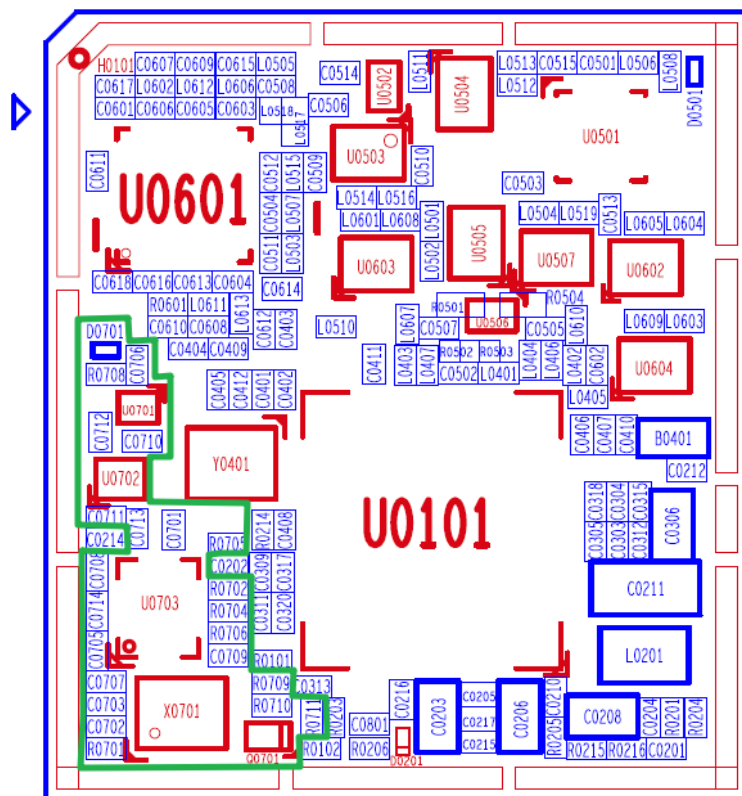
Model Number: EG800AK-LA

Hardware Version: R1.0

EG800AK-LA has two versions such as following table. They share the same hardware design, the difference is only in GNSS function, such as following:

Module	Frequency
EG800AK-LA (11LG)	LTE Cat 1 bis: B2/3/4/5/7/8/28/66 GNSS
EG800AK-LA (11LC)	LTE Cat 1 bis: B2/3/4/5/7/8/28/66

- EG800AK-LA(11LC) does not support GNSS, and all GNSS part's components (in Green) on the PCB are not populated/mounted, please see following picture for references:



EG800AK-LA

● HW Difference Table

Designator	EG800AK-LA (11LG)	EG800AK-LA (11LC)
U0703	IC BB GNSS CC1161W WLCSP30 0.35pitch PINS30 1.81x2.195mm H0.58mm RO	NA
D0701	TVS Bi Vrwrm=5.0V 0.15pF PINS2 0.61x0.31mm H0.32mm RO	NA
U0701	IC RF RX filter GPS 0.9x0.7mm H0.6mm RO	NA
U0702	IC RF LNA GPS/GLONASS/Galileo/BDS 1.1x0.7mm H0.5mm RO	NA
X0701	CRY TCXO 26MHz +/-0.5ppm 1.8V 2.0x1.6mm H0.8mm RO	NA
Q0701	AUD PMOS VDS=-20V -1.8A Vth=-0.4~-1.0V 0.25R DFN1006-3L PINS3 1X0.6mm H0.55mm RO	NA
R0708	CAP C0G 33pF +/-5% 50V CH0201 RO	NA
C0706	IND HIGH HQ 9.1nH +/-3% CH0201 RO	NA
C0710	IND HIGH HQ 10nH +/-3% CH0201 RO	NA
C0712	CAP X5R 100nF +/-10% 6.3V CH0201 RO	NA
C0711	CAP X5R 100nF +/-10% 6.3V CH0201 RO	NA
C0713	CAP C0G 33pF +/-5% 50V CH0201 RO	NA
C0701	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	NA
R0701	RES MF 100K +/-1% 1/20W CH0201 RO	NA
R0706	RES MF 100K +/-1% 1/20W CH0201 RO	NA
R0709	RES MF 100K +/-1% 1/20W CH0201 RO	NA
R0710	RES MF 200K +/-1% 1/20W CH0201 RO	NA
C0702	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	NA
C0703	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	NA
C0705	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	NA
C0708	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	NA
C0709	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	NA
C0714	CAP X5R 1.0uF +/-20% 6.3V CH0201 RO	NA
C0707	CAP C0G 33pF +/-5% 50V CH0201 RO	NA
R0702	RES MF 1K +/-1% 1/20W CH0201 RO	NA
R0705	RES MF 1K +/-1% 1/20W CH0201 RO	NA
R0704	RES MF 10K +/-1% 1/20W CH0201 RO	NA
R0711	RES MF 0R +/-5% 1/20W CH0201 RO	NA
R0101	NA	RES MF 0R +/-5% 1/20W CH0201 RO

Above changes won't impact the protocol and RF performance for the same frequency.

Your assistance on this matter is highly appreciated.

Person responsible for making this statement.

Name/Surname:



Position/Title: Certification Manager

Issue Date: June 27, 2025