

Statement

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

Product Name: LTE Module

Model Number:EG912U-GL

Hardware Version: R1.0, R1.2

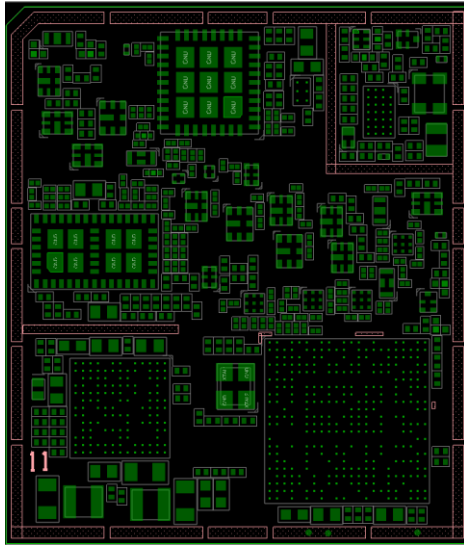
Two versions of EG912U-GL share the same software and hardware design. They both support CAT1. R1.0 version supports Bluetooth, Wi-Fi Scan and GNSS functions, R1.2 version support Bluetooth, Wi-Fi San but doesn't support GNSS function. The others are all the same.

The difference is as below:

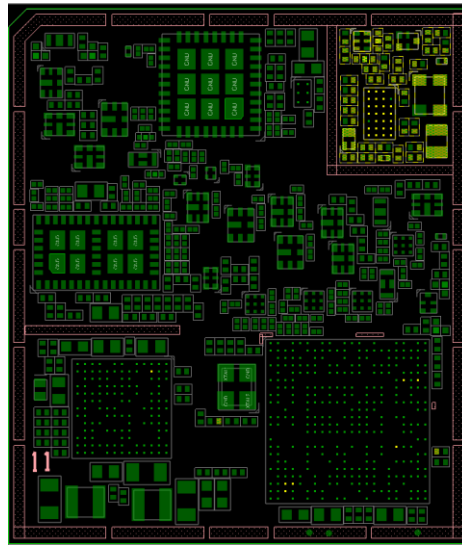
1. Support bands are below.

Module	Supported Band
EG912U-GL (R1.0)	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/ B17/B18/B19/B20/B25/B26/B28/B66/ LTE-TDD: B34/B38/B39/B40/B41 GSM: GSM850/EGSM900/DCS1800/PCS1900 GNSS , Bluetooth and Wi-Fi Scan
EG912U-GL (R1.2)	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/ B17/B18/B19/B20/B25/B26/B28/B66/ LTE-TDD: B34/B38/B39/B40/B41 GSM: GSM850/EGSM900/DCS1800/PCS1900 Bluetooth and Wi-Fi Scan

2. R1.2 version of EG912U-GL just removed GNSS main components, as below picture and table shows. The difference has been marked with yellow that means GNSS part.



EG912U-GL (R1.0)



EG912U-GL (R1.2)

Designator	EG912U-GL (R1.0) (Part Description)	EG912U-GL (R1.2) (Part Description)
D0902	TVS Bi Vdc=5V Cp=0.05pF 0.63x0.3mm H0.24mm RO	None
C0912	IND HIGH 33nH +/-5% CH0201 RO	None
L0903	IND HIGH HQ 2.7nH +/-0.1nH CH0201 RO	None
C0914	CAP C0G 22pF +/-5% 50V CH0201 RO	None
R0912	IND HIGH HQ 9.1nH +/-3% CH0201 RO	None
R0913	CAP C0G 33pF +/-5% 50V CH0201 RO	None
B0901 B0902	BEAD 240ohm@100MHz DCR=0.38ohm 350mA CH0201 H0.33mm RO	None
L0907	IND HIGH HQ 9.1nH +/-3% CH0201 RO	None
R0902	RES MF 220K +/-1% 1/20W CH0201 RO	None
R0903	RES MF 330K +/-1% 1/20W CH0201 RO	None
R0907/R0908	RES MF 1K +/-1% 1/20W CH0201 RO	None
U0901A	IC BB GNSS UC6228CI-D321E2(R3.2.10.100Build8108) 27-WLCSP 0.4pitch 2.84x1.699mm H0.55mm RO	None
C0904 C0905 C0907 C0908 C0909 C0910	CAP X5R 1.0uF +/-20% 10V CH0201 RO	None
D0903	DIO Schottky Vr=30V IF=100mA GMD2 RO	None
C0906	CAP X5R 100nF +/-10% 6.3V CH0201 RO	None
R0901	RES MF 10K +/-5% 1/20W CH0201 RO	None
R0904 R0905 R0906	RES MF 4.7K +/-1% 1/20W CH0201 RO	None
R0910	RES MF 4.7K +/-5% 1/20W CH0201 RO	None
Q0901	AUD PMOS VDS=-30V -0.57A Vth= +/-10V DFN1006-3L RO	None

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Y0901	CRY TCXO 26MHz +/-0.5ppm 1.8V 2.0x1.6mm H0.8mm RO	None
U0902	IC RF LNA GPS/GLONASS/Galileo/BDS 1.1x0.9mm H0.45mm RO	None
U0903	IC RF RX filter GPS/GLONASS/Campass Unbalance 15dBm 1.1x0.9mm H0.5mm RO	None

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

Sincerely,

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Title: Certification Section

