

Statement

We, **Eagle Electronics Inc.**, declare the following models.

Module Series: 4G Module

Model Name: I4915Q-NA, I4915Q-AF, I4916Q-GL

Hardware Version: R1.0

I4915Q-NA, I4915Q-AF, and I4916Q-GL are all 4G modules. They use the same chipset and share the same software design. The main difference is that they have partial layout and component differences due to the different frequencies' configuration as below:

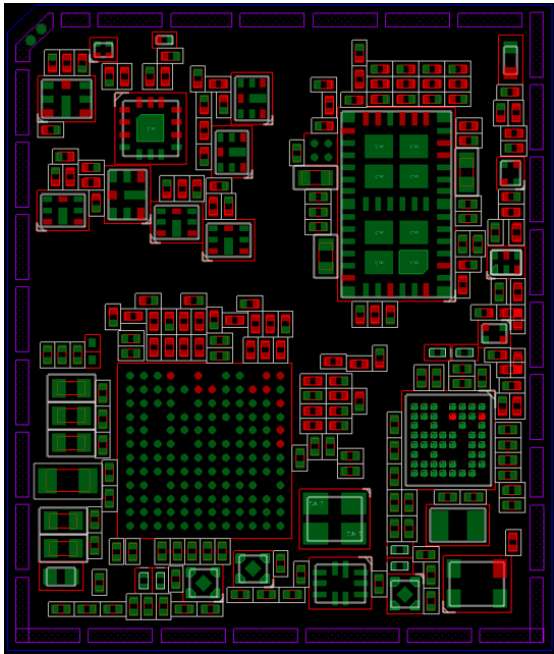
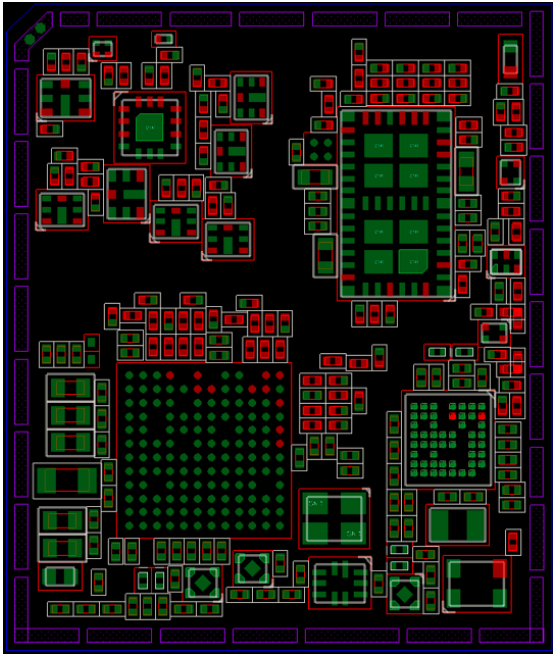
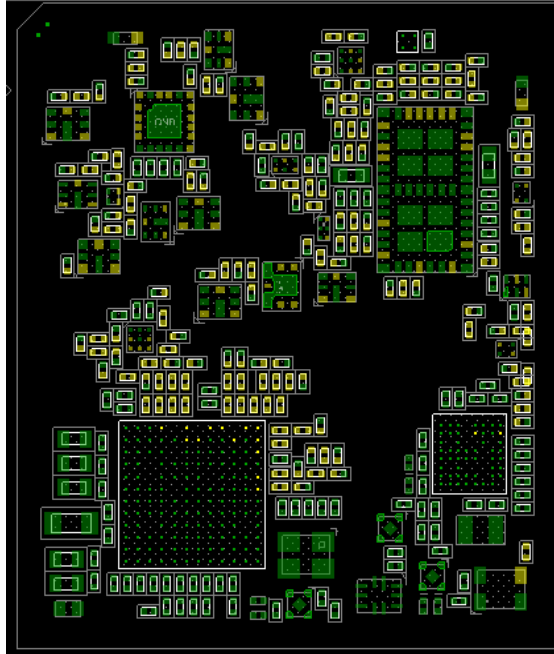
● Software difference in the frequencies configuration

Module	IDs	Category	Supported Band
I4915Q-NA	FCC ID:2BNX7I4915QNAA IC:33571-I4915QNAA	Cat1 bis	LTE: B2/B4/B5/B12/B13/B66 GNSS: B1I/G1/E1/(L1C/A)/QZSS
I4915Q-AF	FCC ID:2BNX7I4915QAFA IC:33571-I4915QAFA	Cat1 bis	LTE: B2/B4/B5/B12/B13/B14/B66/B71 GNSS: B1I/G1/E1/(L1C/A)/QZSS
I4916Q-GL	FCC ID:2BNX7I4916QGLA IC:33571-I4916QGLA	Cat1 bis	LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66/B34/B38/B39/B40/B41 GNSS: B1I/G1/E1/(L1C/A)/QZSS

● Hardware difference in component usage

I4915Q-NA		I4915Q-AF		I4916Q-GL	
(Part Description)	Quantity	(Part Description)	Quantity	(Part Description)	Quantity
QPA8675 (PA for LTE)	1	QPA8675 (PA for LTE)	1	QPA8675 (PA for LTE)	1
QCX216 (BB for LTE)	1	QCX216 (BB for LTE)	1	QCX216 (BB for LTE)	1
MXDLN16UF (LNA for GNSS)	1	MXDLN16UF (LNA for GNSS)	1	MXDLN16UF (LNA for GNSS)	1
AG3352 (BB for GNSS)	1	AG3352 (BB for GNSS)	1	AG3352 (BB for GNSS)	1
RTC8618 (Switch for LTE)	1	RTC8618 (Switch for LTE)	1	CAN1662A (Switch for LTE)	1
B39202B1262L210 (DPX for B2)	1	B39202B1262L210 (DPX for B2)	1	SAYPE1G88BA1G0AR05 (DPX for B2/25)	1
B39881B1263P810 (DPX for B5)	1	B39881B1263P810 (DPX for B5)	1	SAYRV831MBA0C0AR00 (DPX for B5/18/19/26)	1
B39222B1254L210 (DPX for B4/66)	1	B39222B1254L210 (DPX for B4/66)	1	SAHQM1G74BA0J0AR00 (UNBalance for B1/3/4/66)	1
/	/	SAYRH634MBA0C0AR00 (DPX for B71)	1	/	/
PJ D5DA782M0K2J6-Z (DPX for B13)	1	SD18-0782T8UUA1 (DPX for B13/14)	1	PJ D5DA782M0K2J6-Z (DPX for B13)	1
B39741B1272L210 (DPX for B12)	1	B39741B1272L210 (DPX for B12)	1	SAYRZ707MBA0E0AR00 (DPX for B12)	1
/	/	/	/	SFX897FYT02 (DPX for B8)	1
/	/	/	/	SAYRH725MBC0B0AR00 (DPX for B28)	1
/	/	/	/	SAYRV2G53BA0E0AR00 (DPX for B7)	1
/	/	/	/	SFX806AH602 (DPX for B20)	1
/	/	/	/	SLFL15-2R700G-02TF (LPF for B38/40/41)	1
/	/	/	/	QT0013603659 (SPDT for B34/39)	1

● PCB Layout

I4915Q-NA	I4915Q-AF	I4916Q-GL
		

Partial layout and components are different due to the different frequencies’ configuration, all differences are shown above.

I4915Q-NA, I4915Q-AF, and I4916Q-GL all have two product definitions that one of which supports GNSS and the other does not support GNSS. Both product definitions share the same HW & SW design. The one does not support GNSS, just remove the GNSS-related components. The change will not impact the RF performance of the module.

● Voltage Range changes

No changes.

● Mechanical dimension changes(mm)

I4915Q-NA	I4915Q-AF	I4916-GL
(23.6 ±0.2) mm × (19.9 ±0.2) mm × (2.4 ±0.2) mm	(23.6 ±0.2) mm × (19.9 ±0.2) mm × (2.4 ±0.2) mm	(26.5 ±0.2) mm × (22.5 ±0.2) mm × (2.4 ±0.2) mm



(Signature)

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