

Quectel Wireless Solutions Company Limited

BG95-M6 cover letter

BG95-M6 original date of grant : 08/07/2020,

Certificate number : 202180652AA00

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

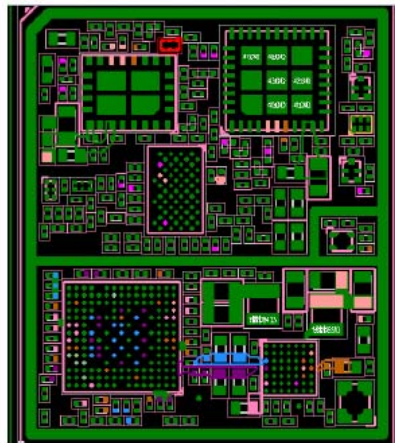
Product Name: LTE Cat M1 & Cat NB2 & EGPRS Module

Model Number: BG95-M5, BG95-M6

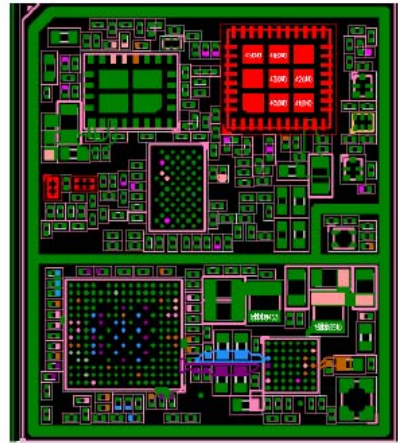
Hardware Version: R1.1

Module	Category	Supported Band
BG95-M5	Cat M1 /NB-IoT/ EGPRS	Cat M1: LTE-FDD: B1/B2/B3/B4/B5/B8/ B12/B13/B18/B19/ B20/B25/B26/B27/ B28/B66/B85 Cat NB2: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/ B20/B25/B28/B66/ B71/B85 EGPRS: 850/900/1800/1900MHz
BG95-M6	Cat M1 /NB-IoT	Cat M1: LTE-FDD: B1/B2/B3/B4/B5/B8/ B12/B13/B18/B19/ B20/B25/B26/B27/ B28/B66/B85 Cat NB2: LTE-FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/ B20/B25/B28/B66/ B71/B85

BG95-M5 and BG95-M6 share the same HW design, only do deletion on the hardware network according to the model requirement of the product definition, BG95-M6 deletes the 2G part on the basis of BG95-M5.



BG95-M5



BG95-M6

Designator	BG95-M5 (Part Description)	BG95-M6 (Part Description)
U602	NA	IC RF THIN-FILM Directional Coupler 450MHz-3800MHz 1.0x0.5mm H0.3mm RO
U603	IC RF SWITCH SP12T + GSM Qualband 5.5x5.3mm H0.83mm RO	NA
U502	IC RF LOW PASS FILTER 698-960MHz 1.0x0.5mm H0.4mm RO	NA
U504	IC RF TX LPF 1695-2180MHz 1.0x0.5mm H0.45mm RO	NA

All reports are updated as follows:

BG95-M6 (Report No.: R2006A0413-R1) is a variant model of BG95-M5 (Report No.: R2005A0283-R1V1). Test values duplicated from Original for variant. Only Radiates Spurious Emission for worst band is tested for variant and it does not worsen, so it will not be recorded in this report. The detailed product change description please refers to the Statement letter_BG95-M5&BG95-M6.

BG95-M6 (Report No.: R2006A0413-R2) is a variant model of BG95-M5 (Report No.: R2005A0283-R2V1). Test values duplicated from Original for variant. Only Radiates Spurious Emission for worst band is tested for variant and it does not worsen, so it will not be recorded in this report. The detailed product change description please refers to the Statement letter_BG95-M5&BG95-M6.

BG95-M6 (Report No.: R2006A0413-R3) is a variant model of BG95-M5 (Report No.: R2005A0283-R3V1). Test values duplicated from Original for variant. There is no test for variant in this report. The detailed product change description please refers to the Statement letter_BG95-M5&BG95-M6.

BG95-M6 (Report No.: R2006A0413-R4) is a variant model of **BG95-M5 (Report No.: R2005A0283-R4V1)**. Test values duplicated from Original for variant. There is no test for variant in this report. The detailed product change description please refers to the Statement letter_ **BG95-M5&BG95-M6**.

BG95-M6 (Report No.: R2006A0413-R5) is a variant model of **BG95-M5 (Report No.: R2005A0283-R5)**. Test values duplicated from Original for variant. There is no test for variant in this report. The detailed product change description please refers to the Statement letter_ **BG95-M5&BG95-M6**.

BG95-M6 (Report No.: R2006A0413-R6) is a variant model of **BG95-M5 (Report No.: R2005A0283-R6)**. Test values duplicated from Original for variant. There is no test for variant in this report. The detailed product change description please refers to the Statement letter_ **BG95-M5&BG95-M6**.

BG95-M6 (Report No.: R2006A0413-R7) is a variant model of **BG95-M5 (Report No.: R2005A0283-R7)**. Test values partial duplicated from Original for variant. There is only tested Radiates Spurious Emission of the worst case of original and it didn't worsen, so it was not recorded in this report. The detailed product change description please refers to the Statement letter_ **BG95-M5&BG95-M6**.

Signature: 

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