

# Quectel Wireless Solutions Company Limited

BG95-M3, BG95-M3 MINIPCIE cover letter

BG95-M3, BG95-M3 MINIPCIE original date of grant : 09/24/2020,

Certificate number : 202180803AA00

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

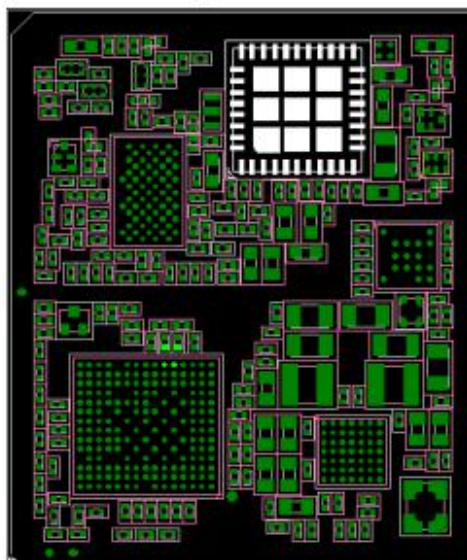
**Name:** LTE Cat M1 & Cat NB2 & EGPRS Module

**Parent Model:** BG95-M3

**Variant Model:** BG95-M3 MINIPCIE

The description of the modification is as follows:

There is no difference in HW design, we just replace a new PA and the other parts are the same, the details are shown as following pictures and table.



Designator	Original (Part Description)	New (Part Description)
U603	IC RF SWITCH SP10T + GSM Qualband 5.3x5.5mm H0.905mm RO (VC7912-61)	IC RF SWITCH SP14T 36dBm & PA GSM Quadband TDD34/39 5.3x5.5mm H0.94mm RO (RR88916-81H)

The change will not impact RF performance of CatM1/ NB-IoT/EGPRS.

#1 The new PA has the same electrical characteristics as the original PA

#2 The new PA is pin-to-pin compatible with the original PA

## **All reports are updated as follows:**

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-M1) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-M1V1). 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 Difference Declaration Letter.

BG95-M3 MINIPCIE (Report No.: R2108A0735-R1) is a variant model of BG95-M3 MINIPCIE (Report No.: R2006A0361-R1V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge Compliance (LTE Band) and Occupied Bandwidth (LTE Band). The detailed product change description please refers to the Difference Declaration Letter.

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-R2) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-R2V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge Compliance (LTE Band) and Occupied Bandwidth (LTE Band). The detailed product change description please refers to the Difference Declaration Letter.

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-R3) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-R3V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge Compliance and Occupied Bandwidth. The detailed product change description please refers to the Difference Declaration Letter.

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-R4) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-R4V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge Compliance and Occupied Bandwidth. The detailed product change description please refers to the Difference Declaration Letter.

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-R5) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-R5V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge

Compliance and Occupied Bandwidth. The detailed product change description please refers to the Difference Declaration Letter.

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-R6) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-R6V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge Compliance and Occupied Bandwidth. The detailed product change description please refers to the Difference Declaration Letter.

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-R7) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-R7V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge Compliance and Occupied Bandwidth. The detailed product change description please refers to the Difference Declaration Letter.

BG95-M3, BG95-M3 MINIPCIE (Report No.: R2108A0735-R8) is a variant model of BG95-M3, BG95-M3 MINIPCIE (Report No.: R2006A0361-R8V1). There is only changed the Power Amplifier of product. Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range for variant in this report. Test values partial duplicated from Original for variant. There is only tested Band Edge Compliance and Occupied Bandwidth. The detailed product change description please refers to the Difference Declaration Letter.

Your assistance on this matter is highly appreciated.

**Signature:** 

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