

# PRODUCT EQUALITY DECLARATION

We, Samsung Electronics Co., Ltd., declare that the “SM-A226B/DSN”

HW version : **REV1.1**  
 SW version : A226B.001

The only difference before and after is:

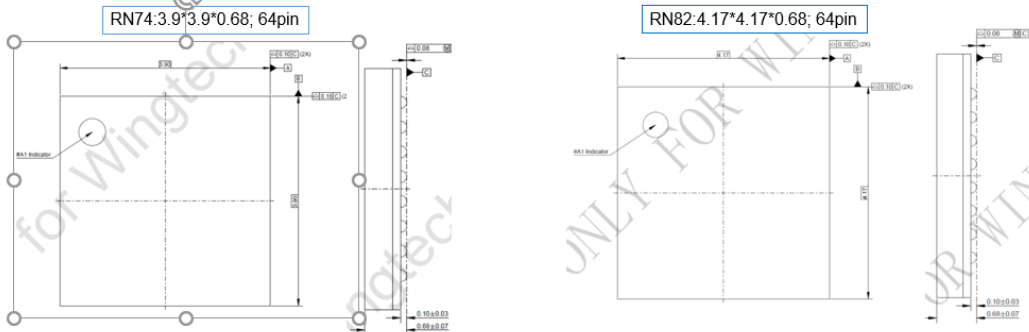
## 1. H/W

**NFC Chip Changed: S3NRN74→S3NRN82**

	Model	Variant information	HW Version	SW Version
Original	SM-A226B/DSN	S3NRN74	REV1.0	A226B.001
Variant		S3NRN82	REV1.1	A226B.001

### 1) Device comparison of S3NRN74/S3NRN82:

Dimension information:



The device size of RN82 is larger than that of RN74, but the number of peripherals is the same.

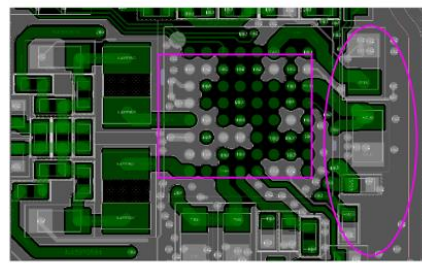
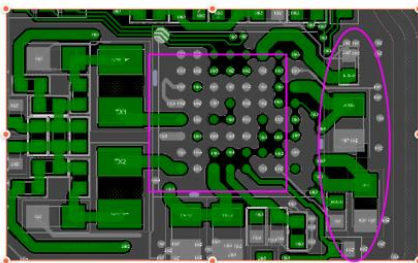
Peripheral differences	RN74	N82
C15204	1uF 0201	4.7uF 0402
C15202	10uF 0402	1uF 0201

### 2) Compare PCB Wiring

TOP

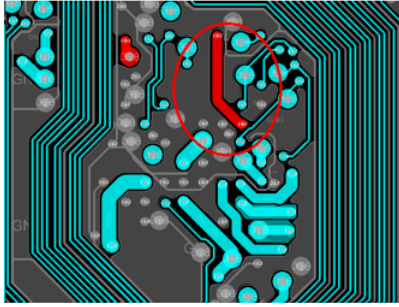
RN74

RN82

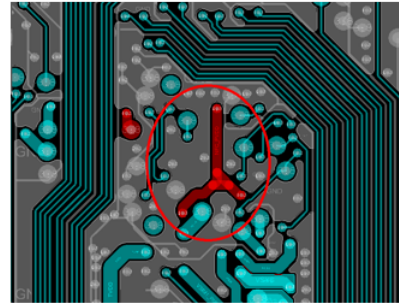


The TOP layer routing has been adjusted due to different PIN definitions and some GND VIA has been added.

RN74



RN82



L3 layer cabling: Compared with RN82, The cabling of NFC\_PVDD is adjusted.

## 2. S/W

- 1) Protocol is same.
- 2) Applications of MMS、RCS、IMS、SUPL、DM、FUMO feature is same.
- 3) GSM1900 achieves power reduction by enabling the hotspot power reduction mechanism by software.  
The normal power of the GSM1900 does not change.

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