

Shanghai SIMCom Wireless Solutions Ltd

Add: Bldg A, USIM Technology Bldg., No.289, Linhong Road, Changning Dist., Shanghai P.R.
China 200335

Tel: 86-21-32523300

Fax: 86-21-32523020

Zip: 200335

Declaration of the difference

We Shanghai SIMCom Wireless Solutions Ltd hereby declaration that the **Original device** (S2-108C3) and **Improved device** (S2-1094T) , have the same Platform chip design. And no any other difference except for below list.

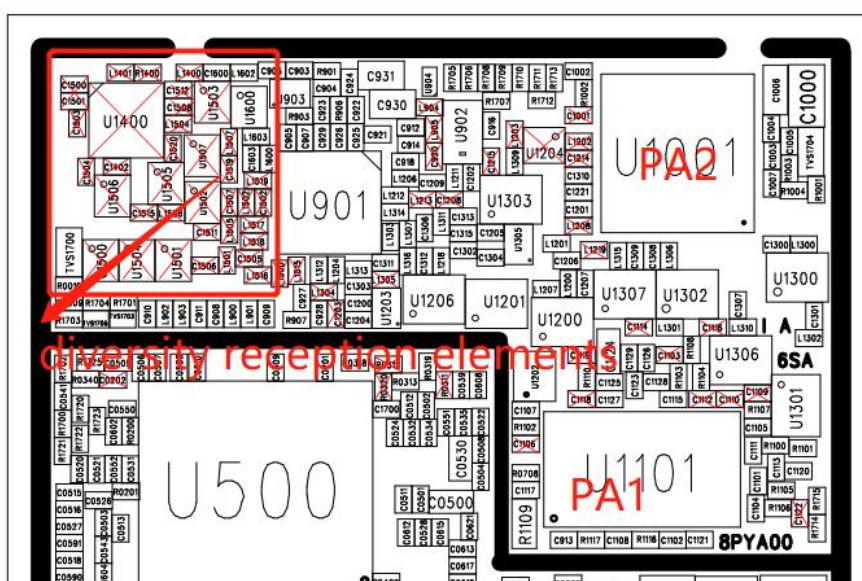
The detail difference		
Item	Original device (product no.:S2-108C3)	Improved device (product no.:S2-1094T)
PA	SKY77912-61 SKY77638-11	S2916-51 S5643-51
diversity	support	Not Support

There are two distinctions As shown in the above table,

Distinction1: the PA model has changed from SKY77912-61&SKY77639-11 to S2916-51&S5643-51;

- (1) The new PAs are pin-for-pin compatible.
- (2) The new PAs have the same basic function as the old PAs, from an external perspective (internal circuitry may differ).
- (3) No change in radio parameters has occurred.
- (4) The same conditions apply when a small area (approximately the same area as the chip) of the PCB is replaced with an equivalent chip.

Distinction2: **Original device** Supports diversity reception, but **Improved device** doesn't. These diversity reception elements have been removed , but all other PCB layout and components are same with original application.



U1502	SAFFB2G14AA0F0A	SAW DRX FOR B1 1.1*0.9MM RO
U1503	SAFFB2G35AA0F0A	SAW B40 RX 50/50R 1109 RO
U1504	SAFFB780MAA0F0A	SAW RX B28 50/50R 1109 RO
U1505	SAFFB1G84AB0F0AR15	SAW RX B3 50R/50R 1109 RO
U1506	SAFFB1G96AB0F0AR15	SAW RX B2 50R/50R 1109 RO
U1507	SAFFB2G65AA0F0A	SAW RX B7 50/50R 1109 RO
C1402	CC0201JRNPO8BN101	CAP NPO 100PF ±5% 25V CH0201 RO
L1400	HK0603 56NJ-T	IND 56NH +/-5% 3R 50MA CH0201 RO
L1401		NC
R1400	RC0201JR-070RL	RES MF 0R +/-5% 1/20W CH0201 RO
C1500	C0201C0G220J500NTA	CAP C0G 22PF ±5% 50V CH0201 RO
C1501	C0201C0G101J250NTA	CAP C0G 100PF +/-5% 25V CH0201 RO
C1502	MLG0603P1N0BTZ10	IND HQ 1NH +/-0.1NH CH0201 RO
C1503	C0201C0G220J500NTA	CAP C0G 22PF ±5% 50V CH0201 RO
C1504	C0201C0G220J500NTA	CAP C0G 22PF ±5% 50V CH0201 RO
C1505	LQP03TN1N8B02D	IND HIGH 1.8NH +/-0.1NH CH0201 RO
C1506	C0201C0G330J250NTA	CAP C0G 33PF ±5% 25V CH0201 RO
C1507	C0201C0G330J250NTA	CAP C0G 33PF ±5% 25V CH0201 RO
C1508	LQP03TN1N8B02D	IND HIGH 1.8NH +/-0.1NH CH0201 RO
C1511	C0201C0G220J500NTA	CAP C0G 22PF ±5% 50V CH0201 RO
C1512	SDCL0603Q1N0BT02B01	IND HQ 1NH +/-0.1NH CH0201 RO
C1515	C0201C0G220J500NTA	CAP C0G 22PF ±5% 50V CH0201 RO
C1519	C0201C0G220J500NTA	CAP C0G 22PF ±5% 50V CH0201 RO
C1520	C0201C0G220J500NTA	CAP C0G 22PF ±5% 50V CH0201 RO
L1500	SDCL0603Q18NHT02B01	IND HIGH 18NH +/-3% CH0201 RO
L1501	LQP03TN3N3B02D	IND HIGH 3.3NH +/-0.1NH CH0201 RO
L1502	LQP03TN2N7B02D	IND HIGH 2.7NH +/-0.1NH CH0201 RO
L1504	LQP03TN2N2B02D	IND FILM HQ 2.2NH ±0.1NH 220MACH0201 RO
L1505	LQP03TN3N3B02D	IND HIGH 3.3NH +/-0.1NH CH0201 RO
L1507	LQP03TN3N0B02D	IND FILM 3.0NH +/-0.1NH CH0201 RO
L1508	LQP03TN3N3B02D	IND HIGH 3.3NH +/-0.1NH CH0201 RO
L1515	LQP03TN18NH02D	IND HIGH 18NH +/-3% CH0201 RO
L1516	LQP03TN18NH02D	IND HIGH 18NH +/-3% CH0201 RO
L1517	LQP03TN1N5B02D	IND HQ 1.5NH ±0.1NH CH0201 RO
L1518	LQP03TN1N8B02D	IND HIGH 1.8NH +/-0.1NH CH0201 RO
L1519	LQP03TN1N5B02D	IND HQ 1.5NH ±0.1NH CH0201 RO

The above-mentioned statements of our company are totally true. If false, we will bear corresponding liability.

Shanghai SIMCom Wireless Solutions Ltd

Date:2022-03-21

Signature:

Zhu Chunlin