

仅供内部使用
Internal Use Only

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Declaration of changes from Initial 8192A to Variant 8193A

General: 8193A is a variant product of 8192A:

● SOFTWARE MODIFICATIONS:

- OS update (e.g. from Android 12 to 13) / change (e.g. from Android to other OS) : no
- Protocol Stack changes: no
- MMS/STK/USAT/USIM changes: no
- DM/SUPL/VT/FUMO/SWP/HCI: no
- Other changes detail: The software opens the B26 band

Product	GSM	UMTS	LTE
8193A	B2/3/5/8	B1/2/4/5/8	B1/2/3/4/5/7/8/12/13 /17/20/26/28/38/40/4 1/66
8192A	B2/3/5/8	B1/2/4/5/8	B1/2/3/4/5/7/8/12/13 /17/20/28/38/40/41/6 6

● HARDWARE MODIFICATIONS:

- CPU change: no
- Baseband changes: no
- Band changes: no Main bands for conformance testing changes (Yes/No): No
- PCB layout/material changes: No
- Main components changes: (备注: 如下的频段列表是variant model 的频段, 后面的器件是与原型机的器件对比结果: 如果是新增的频段, 那么器件变化的部分是new; 如果是相同band的器件变化了, 就是填写new)

GSM	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
GSM 850	No	No	No	No	No	No	No
GSM 900	No	No	No	No	No	No	No
GSM 1800	No	No	No	No	No	No	No
GSM 1900	No	No	No	No	No	No	No

UMTS	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
UMTS FDD I	No	No	No	No	No	No	No
UMTS FDD II	No	No	No	No	No	No	No
UMTS FDD IV	No	No	No	No	No	No	No
UMTS FDD V	No	No	No	No	No	No	No
UMTS FDD VIII	No	No	No	No	No	No	No

LTE	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
LTE B1	No	No	No	No	No	No	No
LTE B2	No	No	No	No	No	No	No
LTE B3	No	No	No	No	No	No	No
LTE B4	No	No	No	No	No	No	No
LTE B5	No	No	No	No	No	No	No
LTE B7	No	No	No	No	No	No	No
LTE B8	No	No	No	No	No	No	No
LTE B12	No	No	No	No	No	No	No
LTE B13	No	No	No	No	No	No	No
LTE B17	No	No	No	No	No	No	No
LTE B20	No	No	No	No	No	No	No
LTE B26	No	No	No	No	No	No	No
LTE B28	No	No	No	No	No	No	No

LTE B38	No	No	No	No	No	No	No
LTE B40	No	No	No	No	No	No	No
LTE B41	No	No	No	No	No	No	No
LTE B66	No	No	No	No	No	No	No

Other Radio	Antenna	AP	MODEM	Transceiver	Balun	Band pass filter	Triplexer
Bluetooth	No	No	No	No	No	No	No
Wi-Fi	No	No	No	No	No	No	No

- FM changes: No
- GPS changes: No (e.g. Saw is different)
- Memory/TP/LCD/ Camera/SIM changes: no
- Other changes detailed: no

● **MECHANICAL MODIFICATIONS:**

- Use new metal front/back cover or keypad: no
- Mechanical shell changes: no
 - Whole size of EUT: no
 - Distance of Ear reference point to bottom of handset: no
 - Other trinkets to change the surface of handset: no
- Other changes detailed: no


● **Accessory changes:**

- Use new charger/battery/headset/USB cable: add a USB cable

● **Update of standards:** no

APPROVED BY:

Project Manager: Yafang.Xi

Signature: 

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