

Declaration of changes from Initial IK511U to Variant IK511U

General: IK511U is a variant product of IK511U:

● 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: No

● HARDWARE MODIFICATIONS:

- Baseband changes: No

- Band changes: No Main bands for conformance testing changes (Yes/No): No

Product	GSM	UMTS	LTE	LTE CA	5G NR SA	5G NR NSA
IK511U	NA	NA	B2/4/5/12/25/66/71/ B7/13/38	NA	n25/41/66/71/77	NA
IK511U	NA	NA	B2/4/5/12/25/66/71/ B7/13/38	NA	n25/41/66/71/77	NA

Band change details for LTE CA/5G NR SA/NSA: (if applicable)

Technology	IK511U	IK511U
LTE CA	NA	NA
5G EN-DC	NA	NA
5G NR-CA	NA	NA

- PCB layout/material changes: No

- Main components changes:

LTE	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
LTE B2	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 B12	NO	NO	NO	NO	NO	NO	NO
LTE B13	NO	NO	NO	NO	NO	NO	NO
LTE B25	NO	NO	NO	NO	NO	NO	NO
LTE B26	NO	NO	NO	NO	NO	NO	NO
LTE B38	NO	NO	NO	NO	NO	NO	NO
LTE B66	NO	NO	NO	NO	NO	NO	NO
LTE B71	NO	NO	NO	NO	NO	NO	NO

NR	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
NR n25	NO	NO	NO	NO	NO	NO	NO
NR n66	NO	NO	NO	NO	NO	NO	NO
NR n71	NO	NO	NO	NO	NO	NO	NO

Other Radio	Antenna	AP	MODEM	Transceiver	Balun	Band pass filter	Triplexer
Bluetooth	NA	NA	NA	NA	NA	NA	NA
Wi-Fi	NA	NA	NA	NA	NA	NA	NA

- FM changes: NA
- GPS changes: NA (e.g. Saw is different)
- Memory/TP/LCD/ Camera/SIM changes: NA

Other changes detailed: PCB/ Crystal,38.4MHz /Step-Down Converter 1st source vendor change to 2nd source vendor
PCB

1st source vendor, VGT: module board BAH77W000CC1/ main board BAB77W000DC1

2nd source vendor, E&E: module board BAH77W001CC1/ main board BAB77W001DC1

Crystal,38.4MHz /Step-Down Converter:

2nd_Source materials list--PPM Provide

NO	Old Material PN	Old Material Description	Vendor	new Material PN	new Material Description	Vendor
1	AMY0002629C1	Step-Down Converter,3 A,TSOT23-6,3.1×3×1.1 mm,RoHS+REACH+HF,SY8113IADC,SILERGY	SILERGY	ETA8213	Step-Down Converter,3A,SOT23-6,3.02×2.95×1.25 mm,N/A,ETA8213S2G,ETA	ETA
2	AJA3840020C1	Crystal,38.400 MHz,±10 ppm,8 pF,1.7×1.3×0.65 mm,200 uW,RoHS+REACH+HF,SXT16Y038400B81T001,TKD	TKD	FAILONG 1Z38400002	Crystal,38.4MHz,±1 %,8.0 pF,1.7×1.3×0.65 mm,100 uW,RoHS+REACH+HF,1Z38400002,FAILONG	FAILONG

● **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 (e.g. new mechanical design)

● **Accessory changes:**

- Use new charger/battery/headset/USB cable: No

● **Update of standards:** No

APPROVED BY:

Minister of P&QM Dept: Welly Hu

Signature:

Date: 2025.04.01

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