

Product Equality Declaration

We, Samsung Electronics Co., Ltd., declare on our sole responsibility that the product

Basic		Additional	
Model	SM-J120F/DS	Model	SM-J120ZN
FCC ID	A3LSMJ120F	FCC ID	A3LSMJ120ZN
HW version :	REV1.0	HW version :	REV1.0
SW version :	J120F.001	SW version :	J120ZN.001

The only difference between the SM-120F/DS and the SM-J120ZN is:

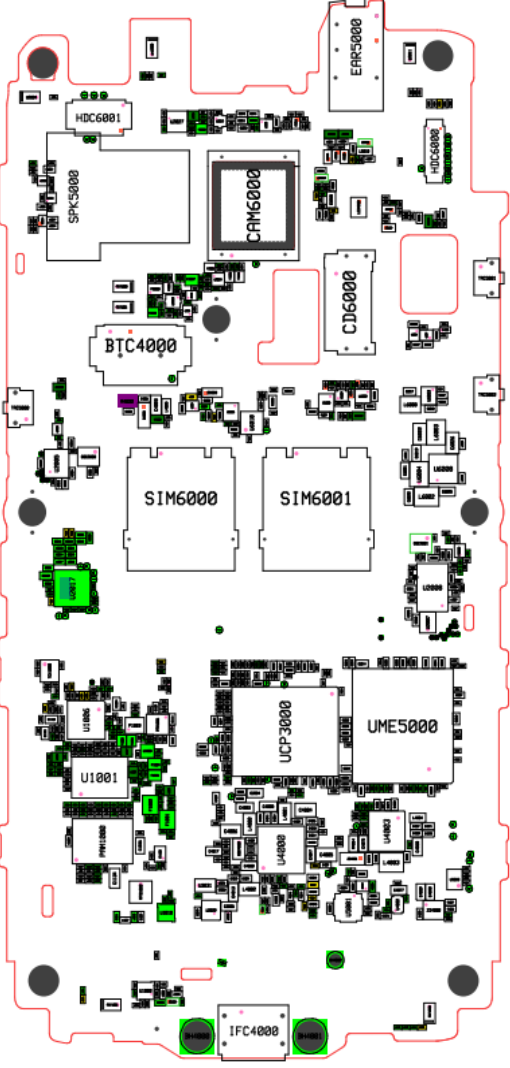
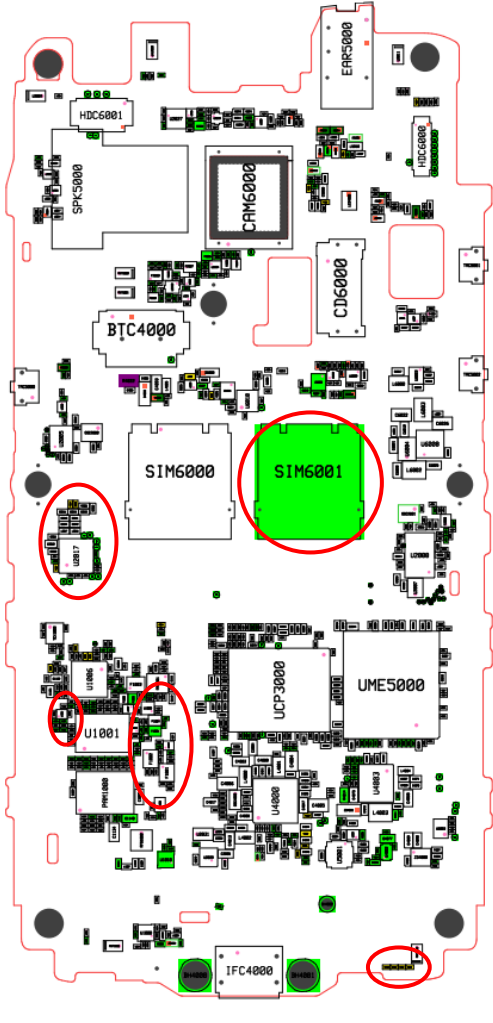
1. H/W

- SM-J120F/DS supports LTE B1/3/5/7/8/20. But SM-J120ZN supports LTE B1/3/5/7/8/28/40.
- B7 Tx path of SM-J120F/DS don't have switch on the line, but SM-J120ZN's B7 Tx path have SP3T switch for switching TDD B40.
- LTE B20 T/Rx matching values & saw filter for Rx diversity are deleted.
- LTE B28 & 40's components are added. We prepared B28/40's NC pad on SM-J120F/DS PCB for common use.
- For improving radiation performance of some bands, We changed Tx target power of some bands (2G DCS / 3G B1,5,8 / LTE B1,3,5,28)
- Transceiver / FEM / MMB are same.
- SM-J120ZN model's LTE B5 Tx power is changed from 22.5dB to 24dB.
- GPS / BT & WiFi Ant are all same, Main Ant is same / but Main Ant's matching value is changed.
- SM-J120F/DS does not support NFC, but SM-J120ZN supports NFC.
- Set design is absolutely same.


2. S/W

- Support bands : LTE TDD 28, 40.
- Not support : Band FDD 20
- S/W was updated to reflect the HW changes.
- All applications of MMS, VT, DM, SUPL, FUMO, SATK/USAT, SMS, SS, feature is same.
- Remaining PROTOCOL PART is same.

The Photo of difference part

Basic	Changed
<p>Front of PCB</p>	<p>Front of PCB</p>
<p>Rear of PCB</p> 	<p>Rear of PCB</p> 

Point of contact

Signature _____ 

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 Team :