

SAMSUNG SM-J710F Schematic Diagram



Schematic Diagram



sheet02 : GSM / WCDMA / LTE RF (SUB)

sheet03 : GPS, BT/WIFI, NFC

sheet04 : CP/AP (ONE CHIP)

sheet05 : PMIC, eMMC, IF PMIC, SIM&SD SOCKET

sheet06 : AUDIO, SENSOR

sheet07 : CAMERA, OCTA, IF CON

Engineer		
Drawn by:		
R&D CDR:		TITLE:
DOC CTRL CDR:		
MFG & ENG CDR:		

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TX/PRX

TX MODULE (SKY77912)

Extra LNA

HB/MB MMBB PA
 [FDD : 1/2/3/4, 7]
 [TDD : 38/40/41]

LB MMBB PA
 [FDD : 5/8/20/17/28]

APT MODULATOR

DUPLEX / SAW

B1 DUPLEX

B2 DUPLEX

B3 DUPLEX

B4 DUPLEX

B5 DUPLEX

B7 LNA

B1 LNA

B7 DUPLEX

B8 DUPLEX

B20/B17 DUPLEX

B28 DUPLEX

B38/41_full TRX SAW

B40 TRX SAW

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TX_SEL

TX_SEL	TX_SEL
B28A	L
B28B	H

RF Discrete

TX/PRX

TX MODULE (SKY77912)

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Extra LNA

DUPLEX / SAW

HB/MB MMMB PA

[FDD : 1/2/3/4, 7]

[TDD : 38/40/41]

LB MMB PA

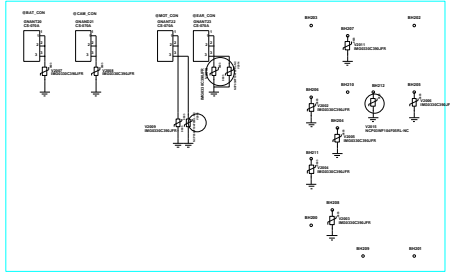
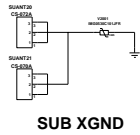
[FDD : 5/8/20/17/28]

APT MODULATOR

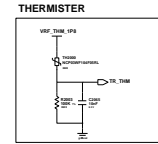
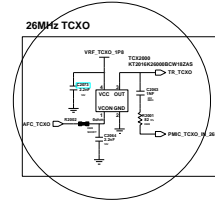
Engineer	RF Discrete				
Drawn by:					
P&ID CHK:				TITLE:	IN
DOC CTRL CHK:					
INFO ENGGR CHK:					
QA CHK:	Drawing Number	3/3			

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DIVERSITY

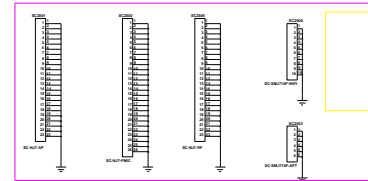


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External Power Detector

It should be removed after RFIC issue resolved



SUB ANT1 (HB,MB)

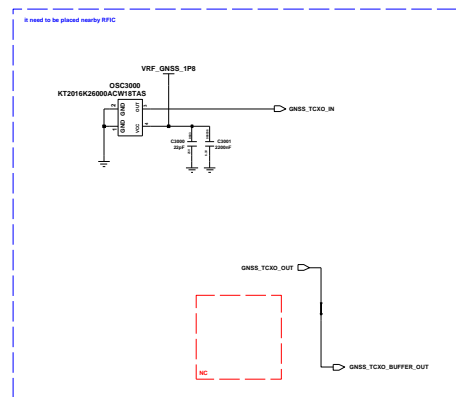
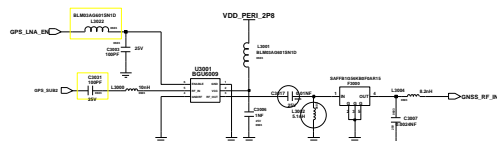
SUB ANT2 (LB)

SUB ANT2 (LB)

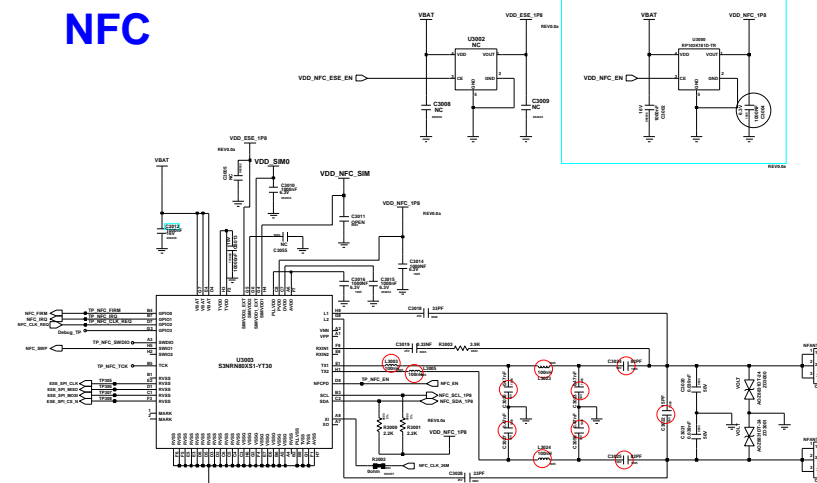
U2006
XMSS1REGGPA-001

RFIC (925 EVT0 -> EVT1)

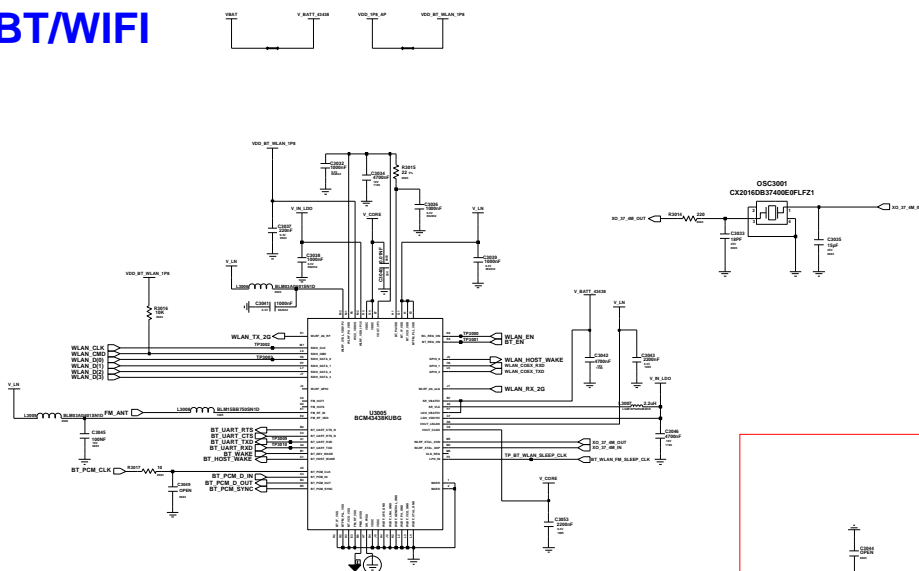
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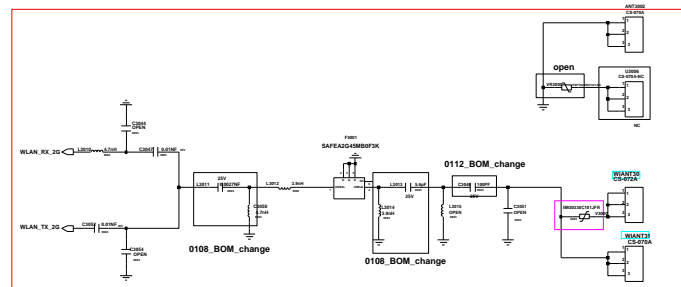
NFC



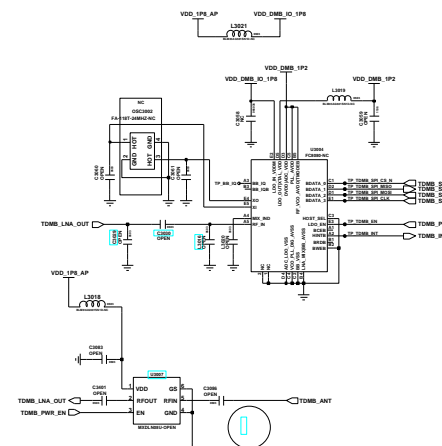
BT/WIFI



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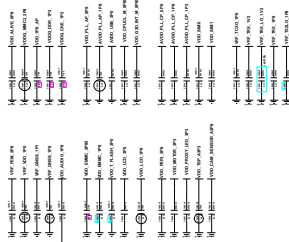


DMB(OPTION:NC)



GPS / NFC / BT / WIFI

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 Many companies, corporations,
 and individuals have
 entrusted us with their
 confidential information.
 We are proud to have
 been able to keep it
 confidential.

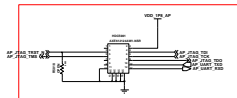
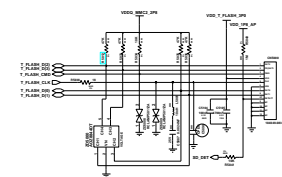
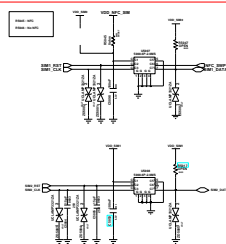


U5004
S2MPU05X01-6030

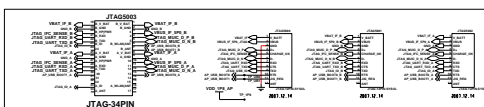


AP/CP UART SWITCH

SIM & SD



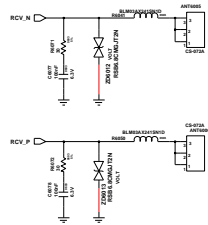
PCB JTAG



**E
A
L
K
N
S
G**

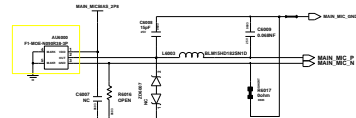
AUDIO

SUB_MIC

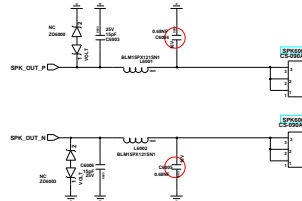


RCV Contact

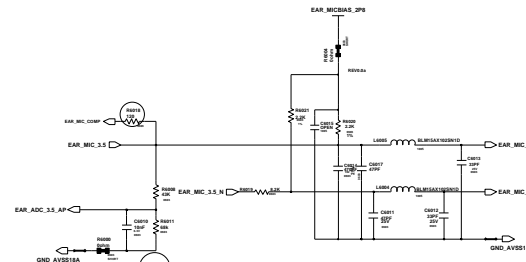
MAIN MIC



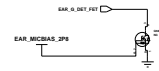
SPK Contact



Ear MIC

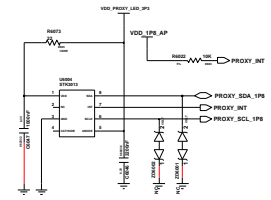


E/J Detect

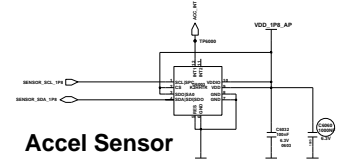


SENSOR

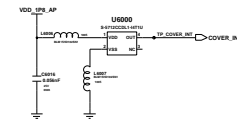
Proxy Sensor



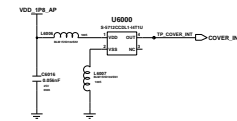
Accel Sensor



Magnetic Sensor

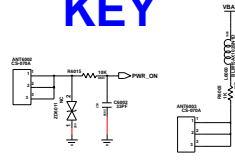


View Cover Detect

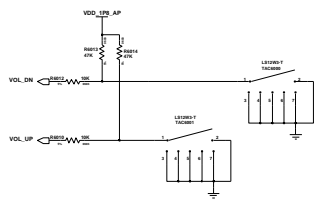


KEY

Power Key

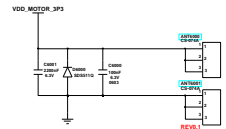


Volmue Key

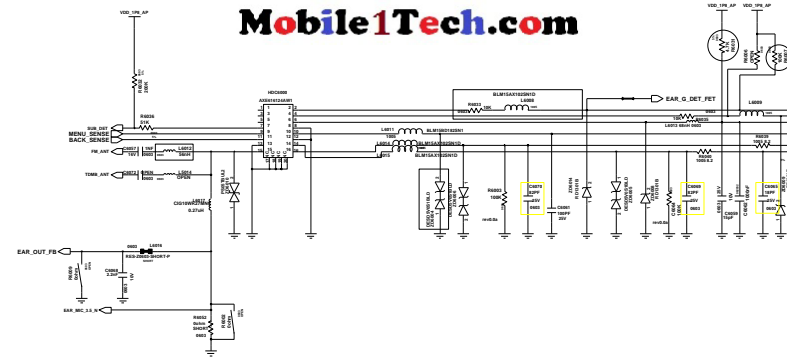


MOTOR

Motor Contact



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Project Name	SAMSUNG ELECTRONICS
Version	1.0
Author	1.0
Reviewer	1.0
Tester	1.0
Checker	1.0
Approver	1.0

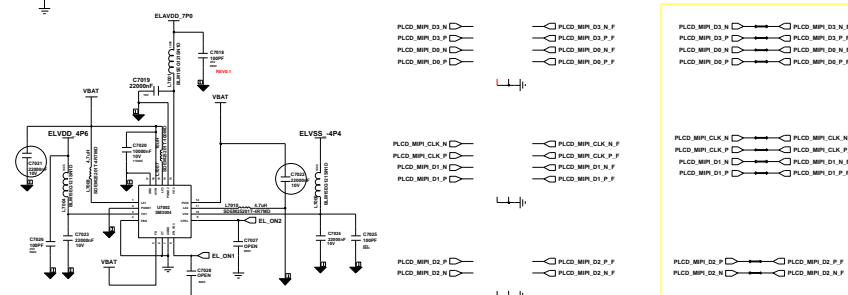
CAMERA

**VT_CAMERA (5M)**

13M CAMERA FILTER



OCTA CONNECTOR



HD OCTA DC-DC

IF SUB PBA Connector

