

2016.11.09

- sheet01 : GSM / WCDMA / LTE RF
- sheet02 : TRANCEIVER, DRX
- sheet03 : JOON(EXYNOS7880), eMMC
- sheet04 : SENSORS, GPS, BT/WIFI, NFC, BTP, FM RADIO
- sheet05 : PMIC(Main,IF), MST, KEY, MOTOR
- sheet06 : Audio, SD/SIM, IF Conn'
- sheet07 : CAMERA, DISPLAY, SHEILD CAN, TDMB

RF PART 1



GND CONTACT



FOR CANADA



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user|swcad83|10.253.20.36|20161124-133350
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RF PART 2

HIGH BAND PA

FDD LTE: B7
TDD LTE: B38 / 40 / 41

MMMB PA

2G: GSM/DCS/PCS/GSM850
3G: B1/2/4/5/8
FDD LTE: B1/2/3/4/5/8/17/20/28

SUB ANT2 (LB)

SUB ANT1 (MB/HB)

SUB ANT2 XGND

SUB ANT2 XGND

B38/41

B2

B40

B28

B29

FOR CANADA

TRANSCEIVER

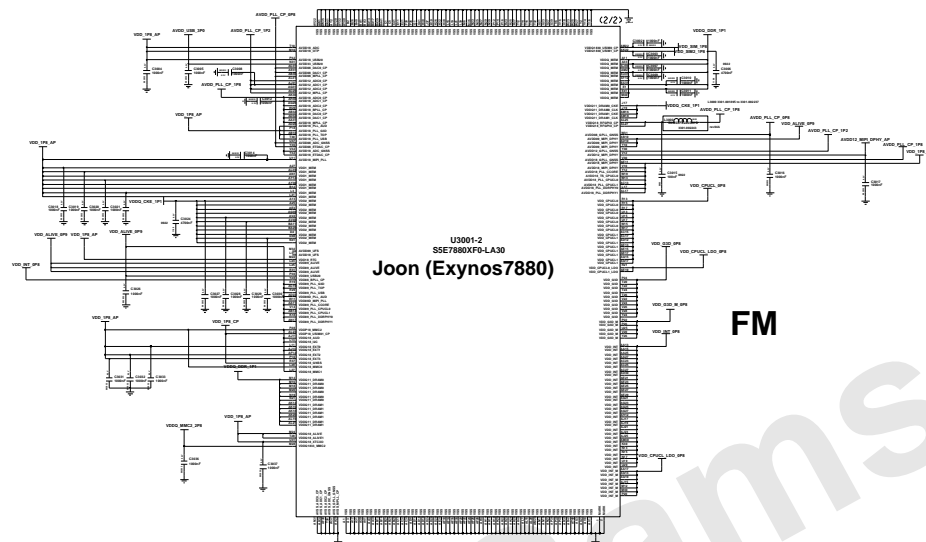
26MHz TCXO

Engineer	RF
Drawn by	
Rad Chk	
Doc Cntl Chk	
Mfg Engr Chk	
REV	Drawing Number
Shew	

EXYNOS7880(JOON)

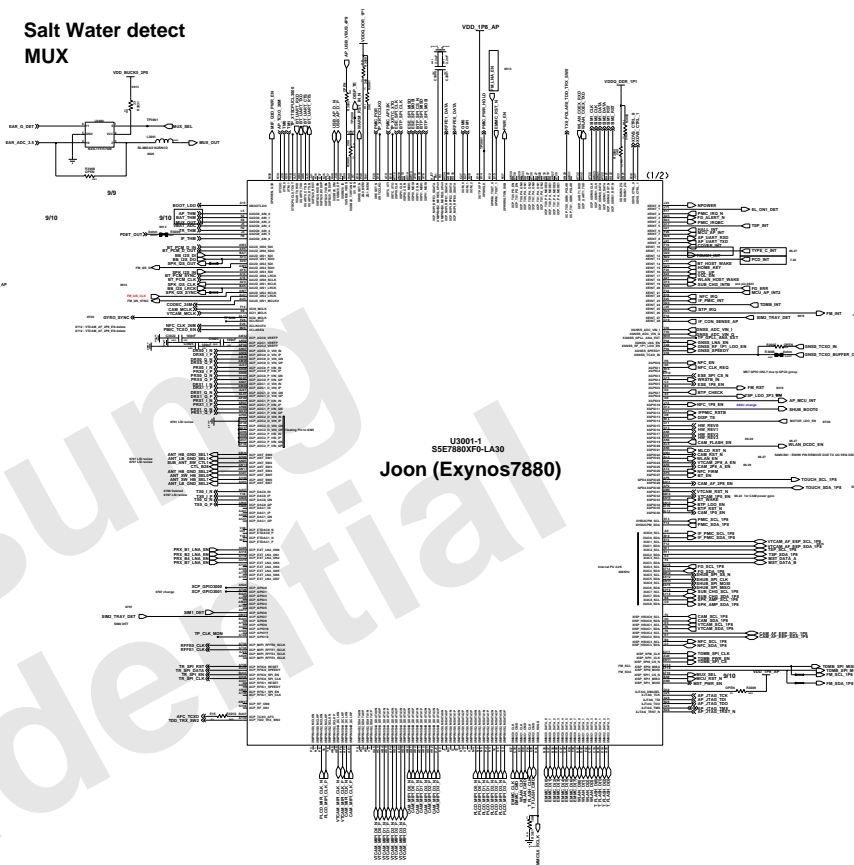
**POP LP4 3G : 1st Micron
2nd SEC**

Salt Water detect MUX



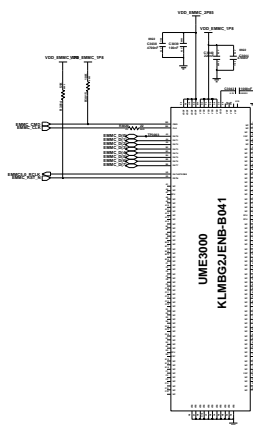
U3001-2
SSE7880XF0-LA30
Joon (Exynos7880)

FM

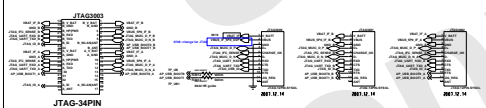


U3001-1
S5E7880XF0-LA30
Joon (Exynos7880)

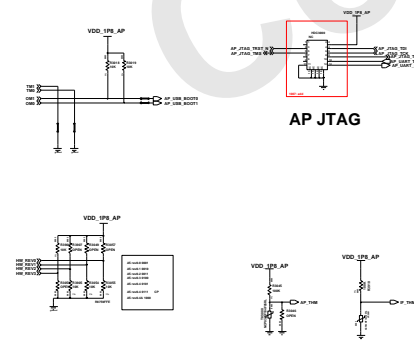
eMMC 32GB 5.1
1st : SEC
2nd : TOSHIBA



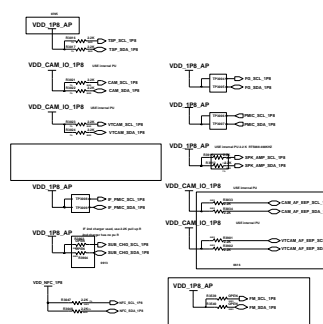
PCB JTAG



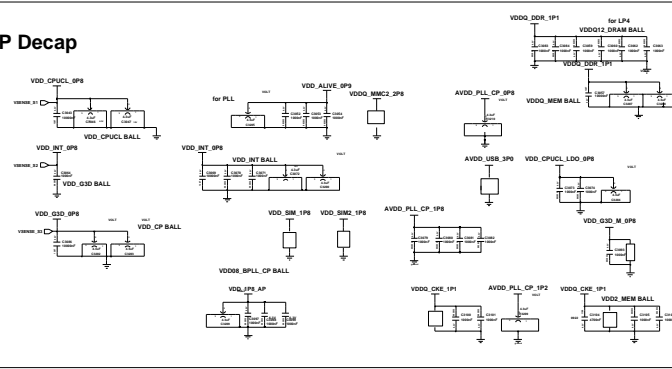
AP JTAG



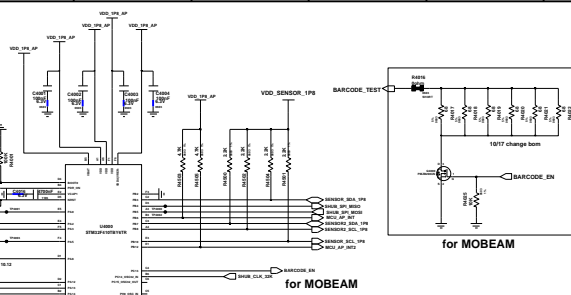
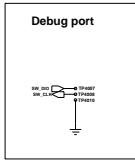
I2C Pull-up Register



AP Decap

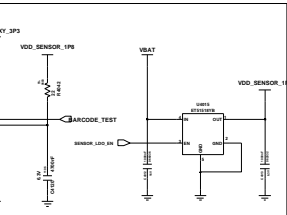


SENSORS

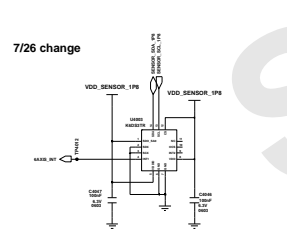


SENSOR HUB (2017 A)

PROXY+RGB FPCB TMD3725(AMS)



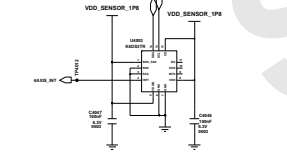
Magnetic Sensor



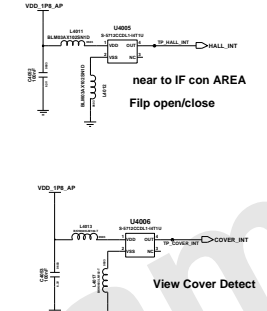
7/26 change

Pressure Sensor

6 Axis Sensor(ACC + GYRO)



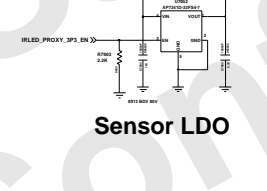
Hall IC



near to IF con AREA
Flap open/close

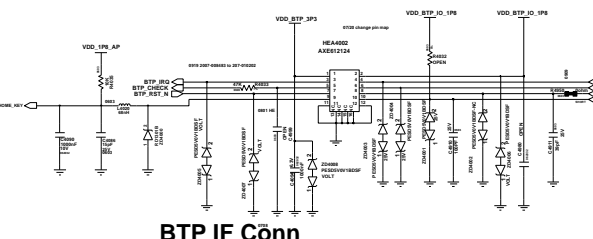
View Cover Detect

6/27

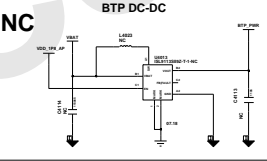


Sensor LDO

BTP + HOME KEY

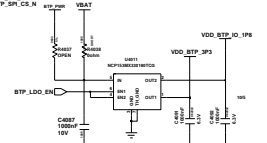


BTP IF Conn

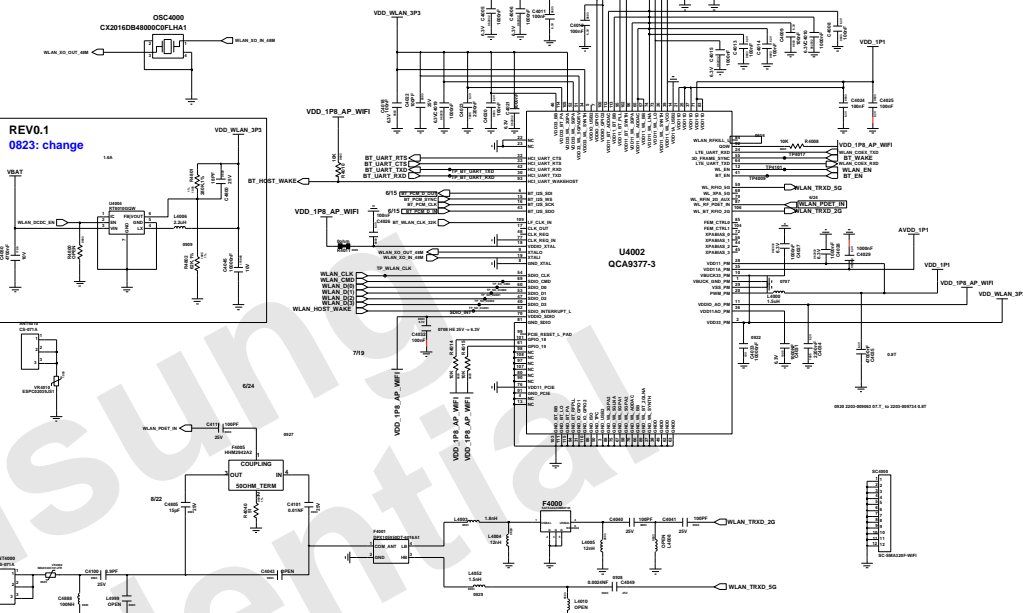


NC

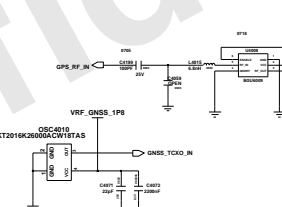
BTP OCP and PWR



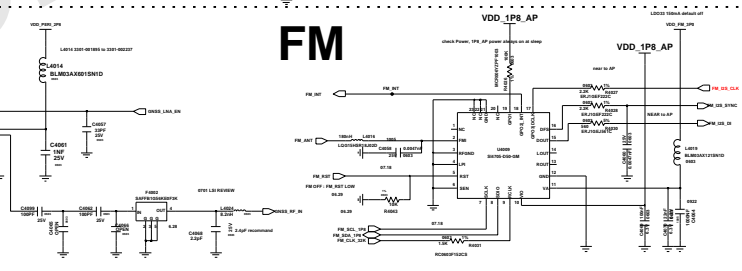
BT/WIFI



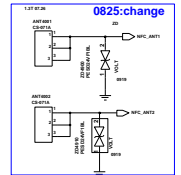
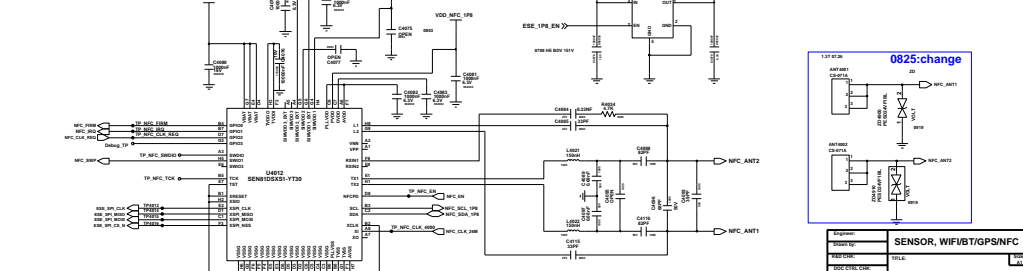
GPS



FM



NFC



PROJECT	SENSOR, WIFI/BT/GPS/NFC
DESIGNER	NAME
DATE	DATE
REVISION	REVISION
APPROVED	APPROVED

[illegible]

MST

09.22

Battery Connector

POWER KEY

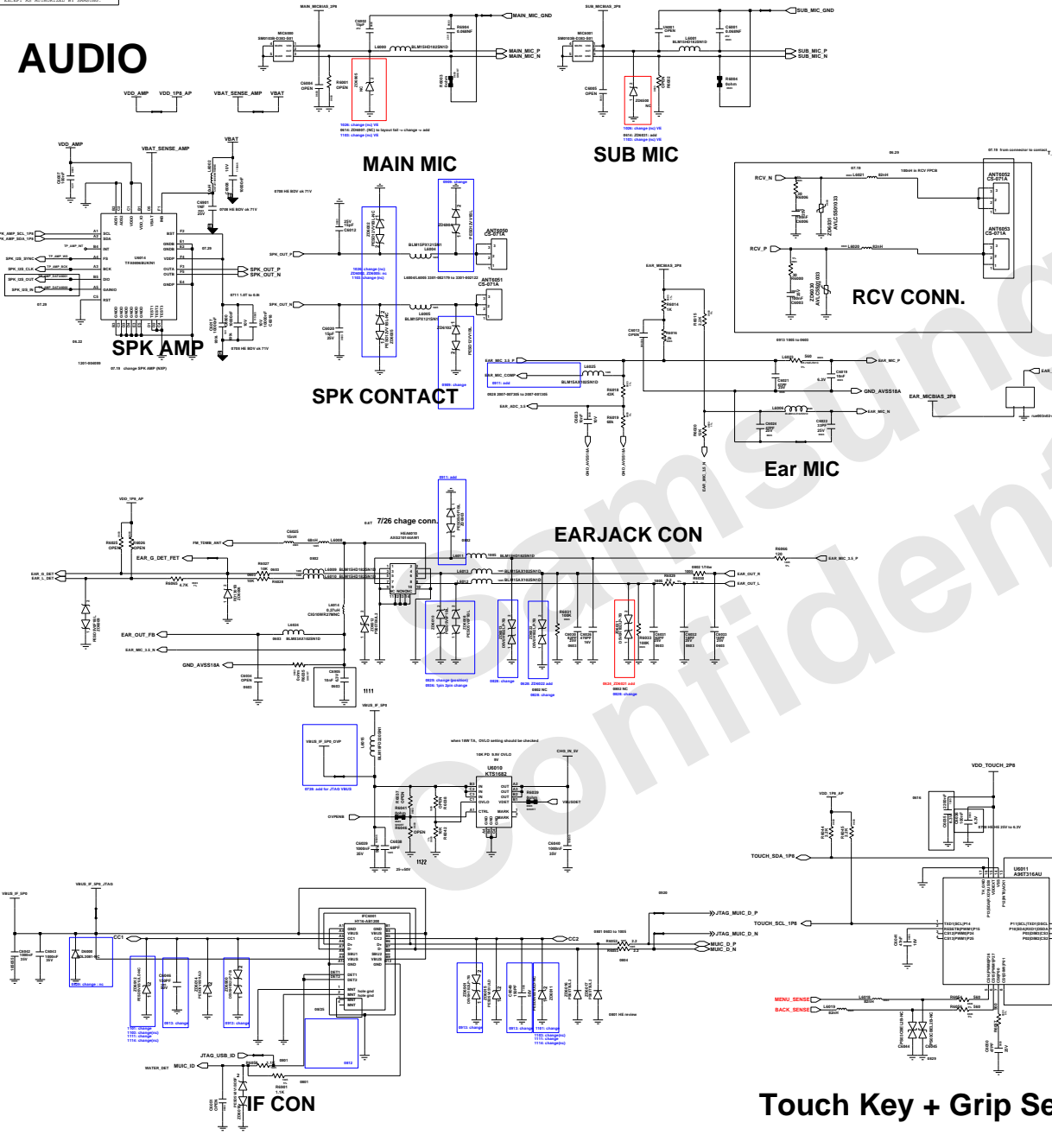
VOLUME KEY

MOTOR

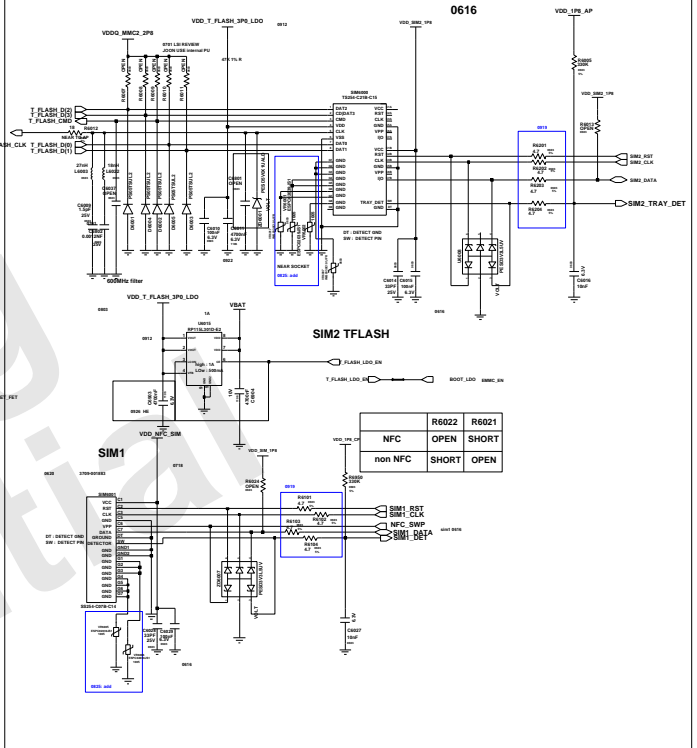
Author	ADRIANO PEREIRA, WALDO
Reviewer	
Appr. Eng.	
Appr. Des.	
Appr. Test	
Appr. Prod	
Appr. Inv.	
Appr. Fin.	
Appr. Gen.	

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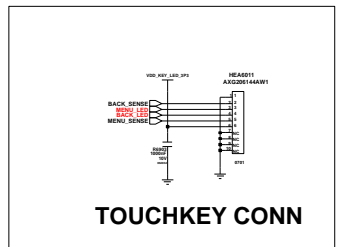
AUDIO



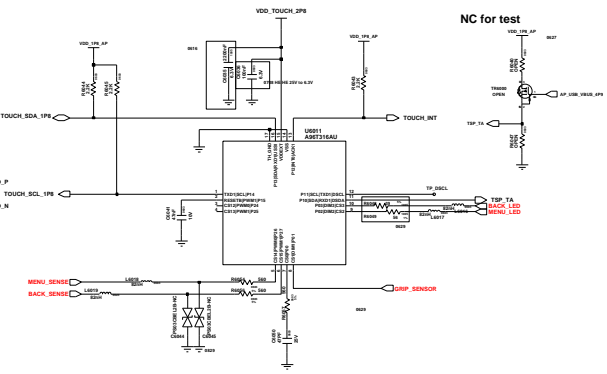
SIM & SD



TOUCHKEY CONN



Touch Key + Grip Sensor

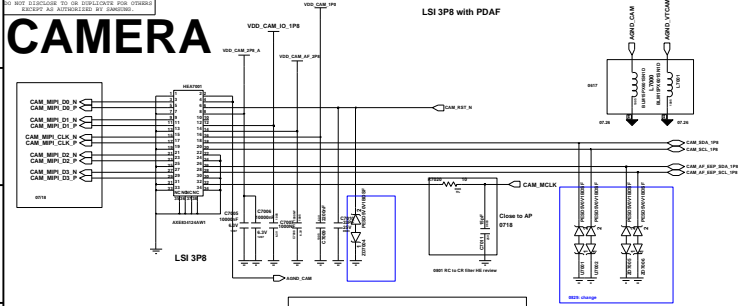


Engineer:		AUDIO, SUB PCB CON.	
Drawn By:			
REVISED:			
DATE: 1/1/88			
DESIGNED BY:		TITLE:	
REVISED:		DATE:	
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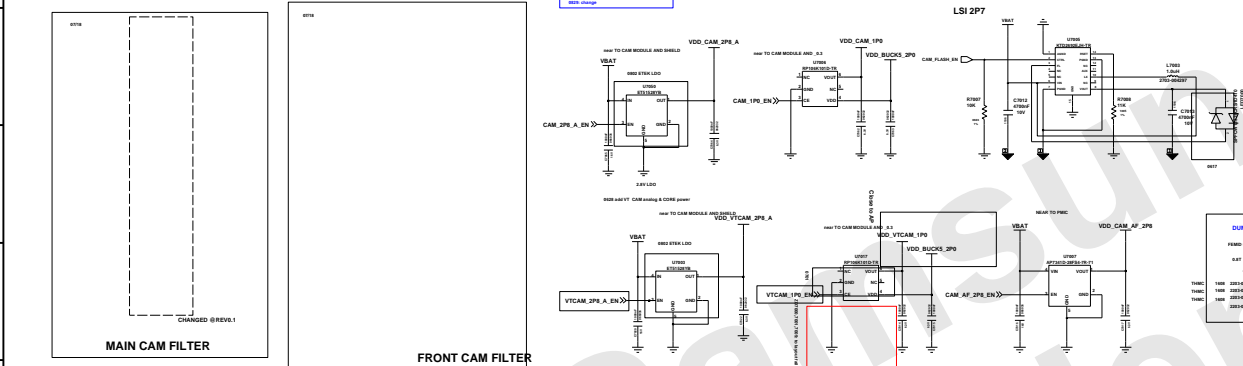
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CAMERA

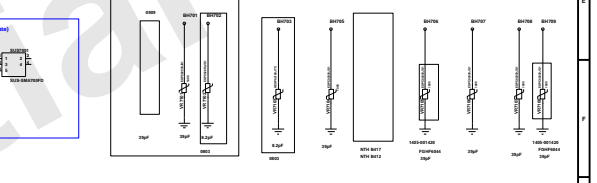
16M_REAR_Camera Connector (MIPI)



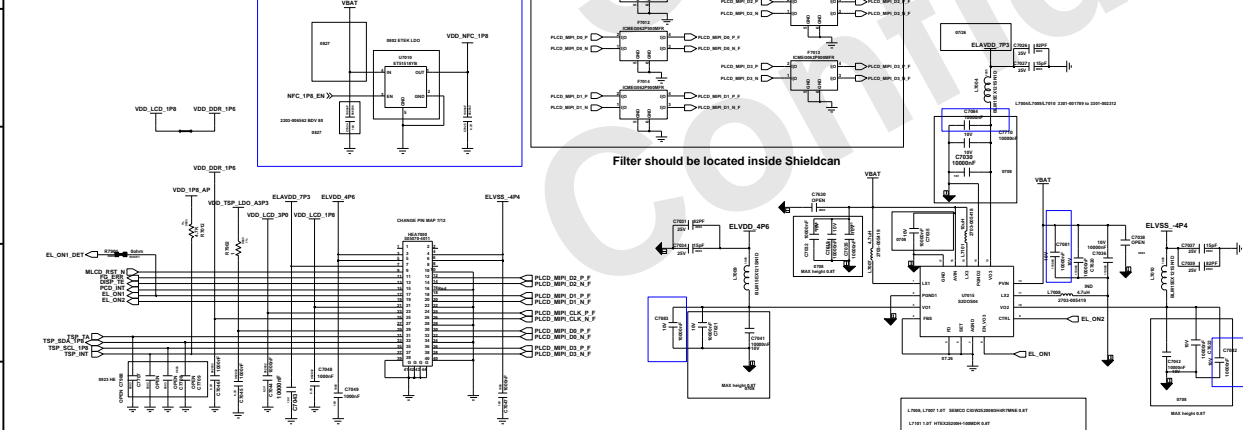
Front_CAMERA (16M FF)



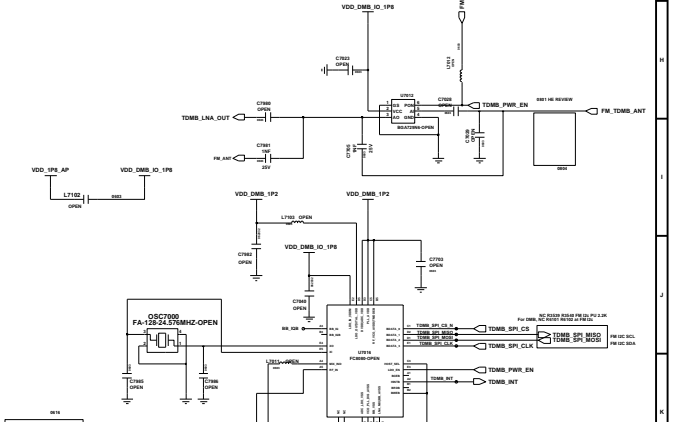
SHIELD CAN/BOTH HOLE



DISPLAY



TDMB_for KOR



OCTA CONNECTOR

HD OCTA DC-DC

Project	CAMERA, DISPLAY, MHL
Drawn by	
Check by	
Rev. 1.0	
Rev. 2.0	
Rev. 3.0	
Rev. 4.0	
Rev. 5.0	
Rev. 6.0	
Rev. 7.0	
Rev. 8.0	
Rev. 9.0	
Rev. 10.0	