

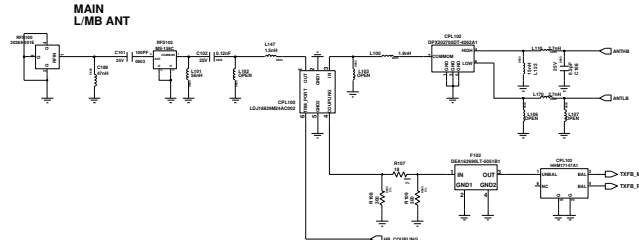
SM-N910F_APQ_REV0.9

(T_FLAT, ePOP)

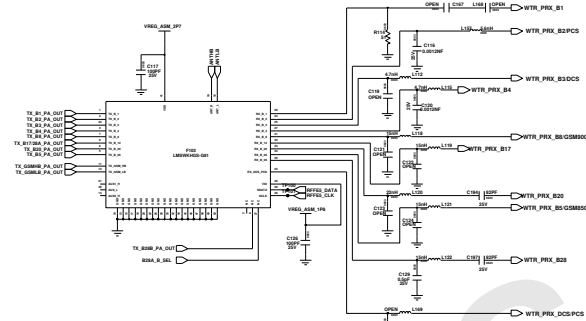
2014.08.31

- sheet01 : GSM / WCDMA / LTE RF
- sheet02 : DRX, TRANCEIVER, PA DC/DC
- sheet03 : MDM9235, PMD9635
- sheet04 : SENSORS, HUB, GPS, BT/WIFI, NFC
- sheet05 : APQ8084
- sheet06 : APQ8084 PWR
- sheet07 : PMA8084, CHARGER, IF PMIC, SD Socket
- sheet08 : AUDIO Codec, 2-MIC, E/J CON
- sheet09 : DISPLAY, CAM, SUB PCB CON, FPS
- sheet10 : WACOM, MHL, FPGA

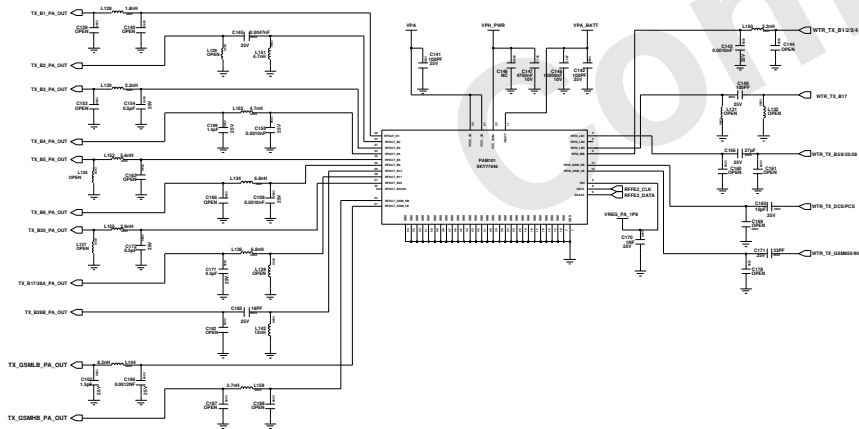
#1 MAIN RFFE



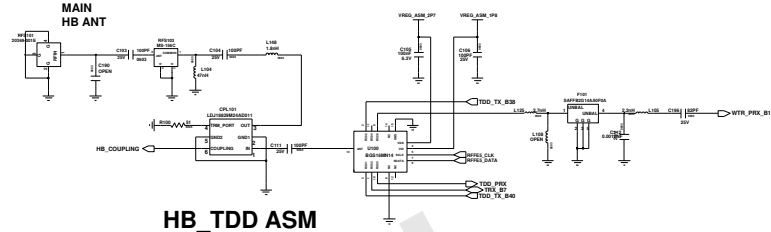
MAIN CA COUPLEXER



MAIN CA FEMID(BAND1/2/3/4/5/7/17/29, GSM QUAD)



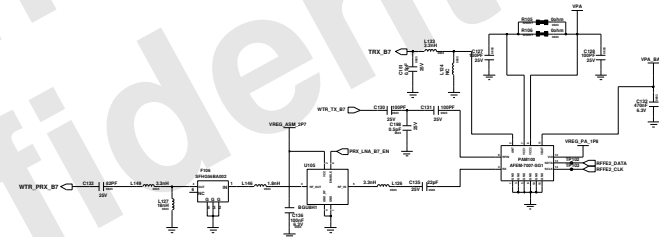
BAND1/2/3/4/5/17, GSM QUAD MMBB PA



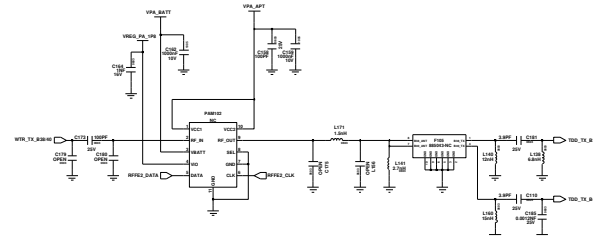
HB_TDD ASM



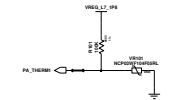
HB_PRX_BPF



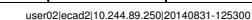
BAND7 PAD (PA + DPX)



BAND38/40 PAM & BPF



Engineer	RF
Checked by	
Test Date	
Test Time	
Test Place	
Test Result	
Test Date	
Test Time	
Test Place	
Test Result	



CP PMIC

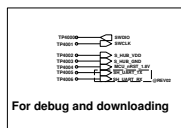
**U3000
PMD9635**

U3002
MDM9235M-1

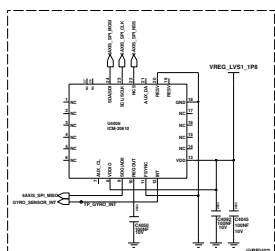
CP JTAG

FAST_BOOT [2:0]		FAST_BOOT
0b001	PCIE_DEFAULT	
0b010	Boot USB	
0b011	Boot HSIC	

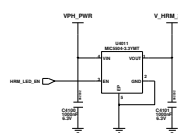
Engineer: RAO TEAM - KOREA Drawn by: RAO TEAM - KOREA RAO TEAM DDU CTR. CTR. MFG & MR. CTR.	SAMSUNG ELECTRONICS TITLE: SM-N910F	10-1
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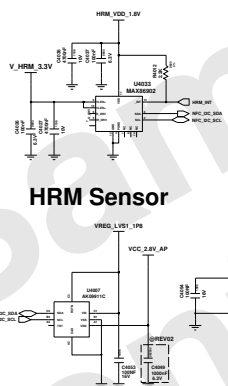
HUB
SAMG53G19A-UUT



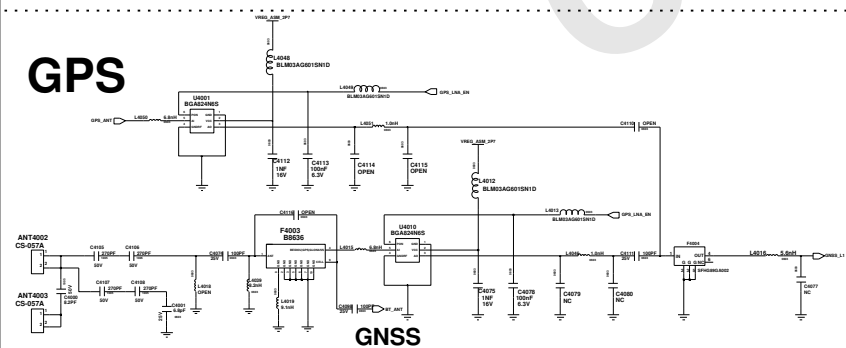
6 Axis Sensor (GYRO,ACCEL)



Barometer Sensor

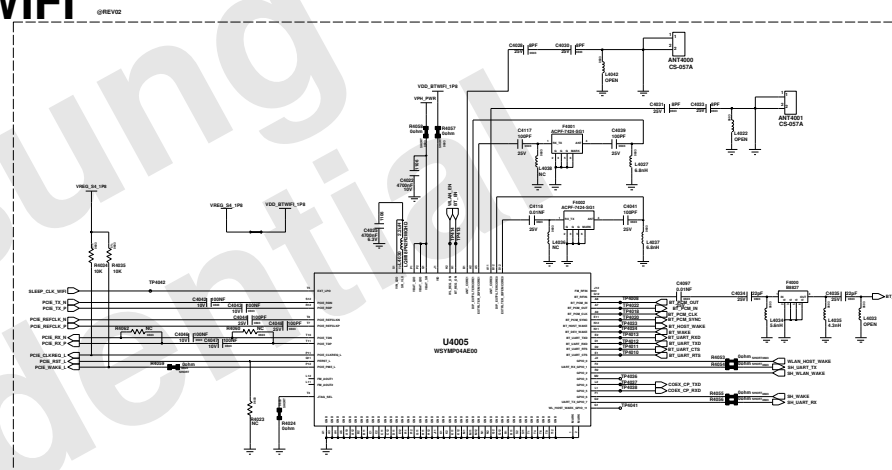


Magnetic Sensor

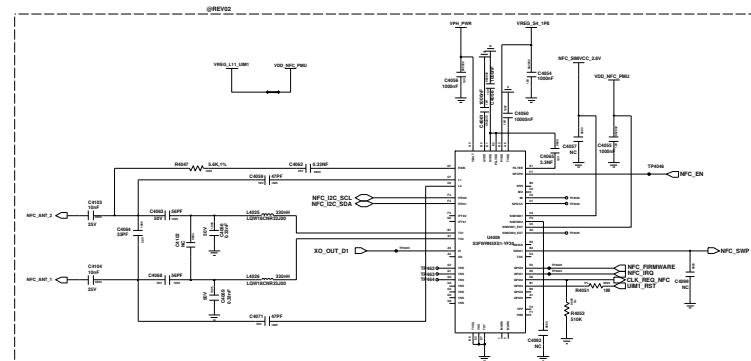


GNSS

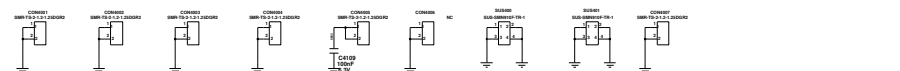
BT/WIFI



NFC



GND Contact





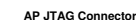
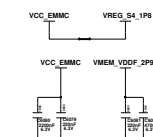
Engineer: R&D TEAM - KOREA	
Drawn By: R&D TEAM - KOREA	
R&D CTR:	
DWG CTR, CTR:	
INFO ENG'G CTR:	
TITLE:	
	

Figure 10 shows the pin connections for the 16-bit version of the device. It includes four pin headers: JTAG, VBAT, and two 16-bit data buses (DATA 15:0 and DATA 15:0). Each header has 16 pins. The JTAG header includes pins for JTAG_TCK, JTAG_TDI, JTAG_TDO, JTAG_TMS, and JTAG_TDO. The VBAT header includes pins for VBAT, GND, and VBAT. The DATA 15:0 headers include pins for DATA 15:0, GND, and DATA 15:0. The diagram also shows the internal connections between the headers and the device pins.

UCP5000-1
APQ-8084-1-994MNSP-TR-01

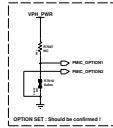


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user02|ecad2|10.244.89.250|20140831-125305
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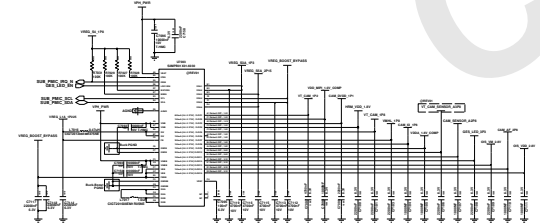
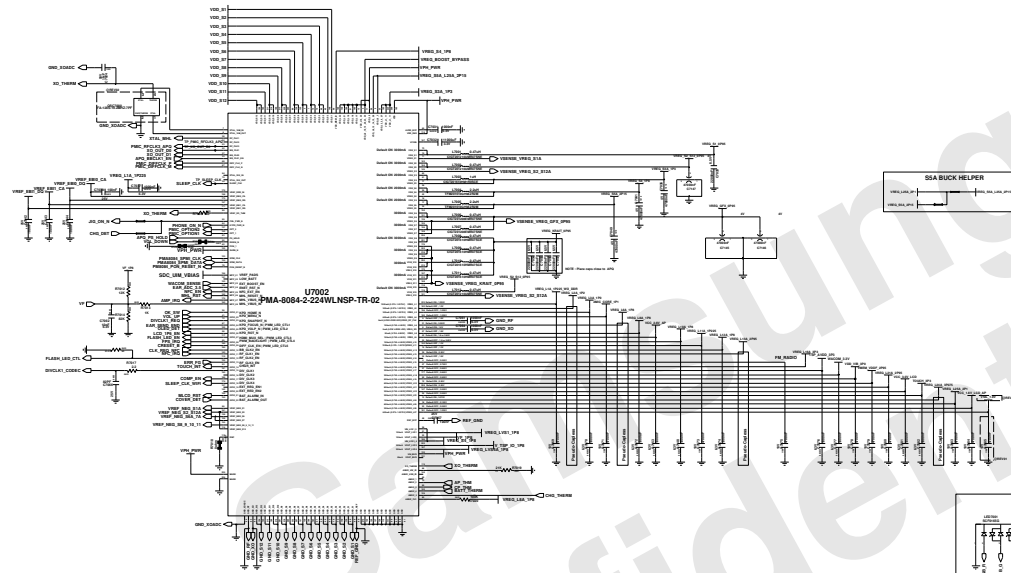


WARNING: CONFIDENTIAL

AP PMIC (PMA8084)

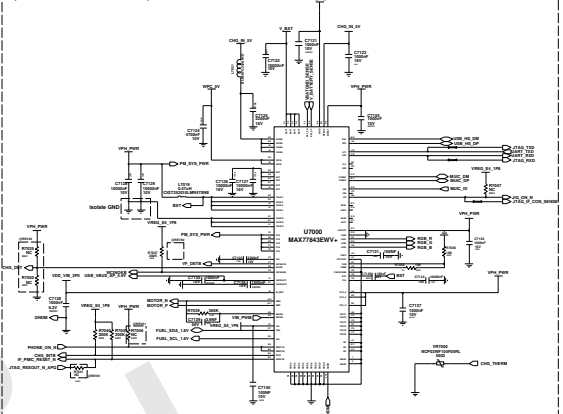


VDD_PSW
VDD_PSW_H
VDD_PSW_L
VDD_PSW_H
VDD_PSW_L

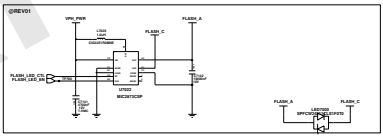


SUB_PMIC(S2MPB01)

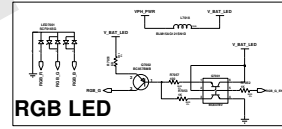
@REV01
(CL23+CL28 -> CL43+Flash Driver)



IF PMIC + CHARGER (CL43)

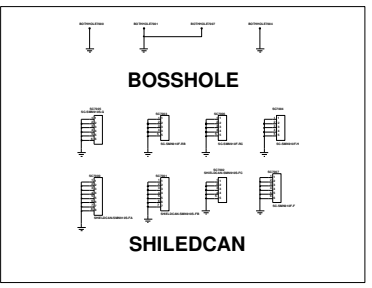
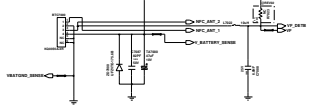


FLASH DRIVER IC



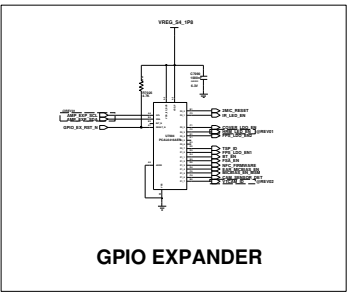
RGB LED

Battery Connector

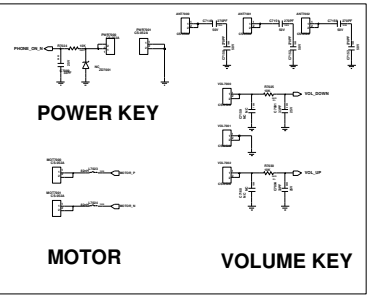


BOSSHOLE

SHILED CAN



GPIO EXPANDER



POWER KEY

MOTOR

VOLUME KEY

WARNING: CONFIDENTIAL



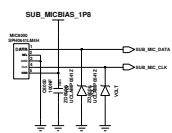
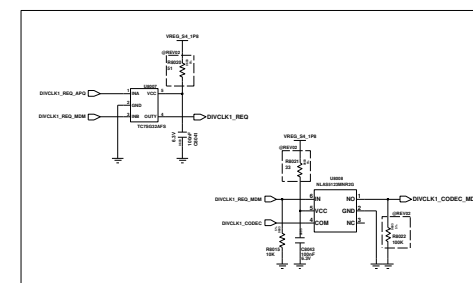
Earjack + RCV + SPK



Noise Detection



SUB MIC

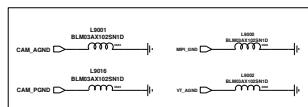


CAMERA



FPS OCP and PWR

FPS IF Conn



VT_CAM(3.7M)



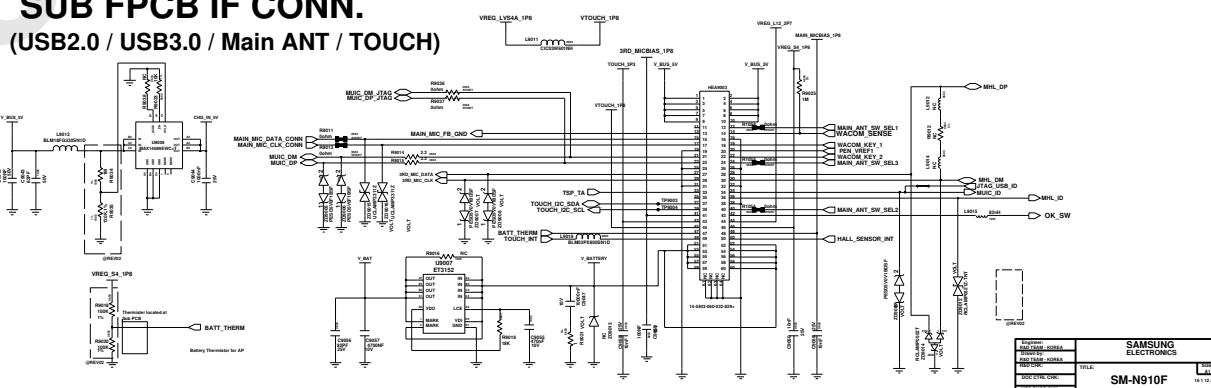
DISPLAY (For WQHD)




















OCTA CONN



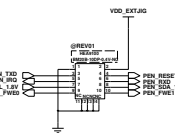
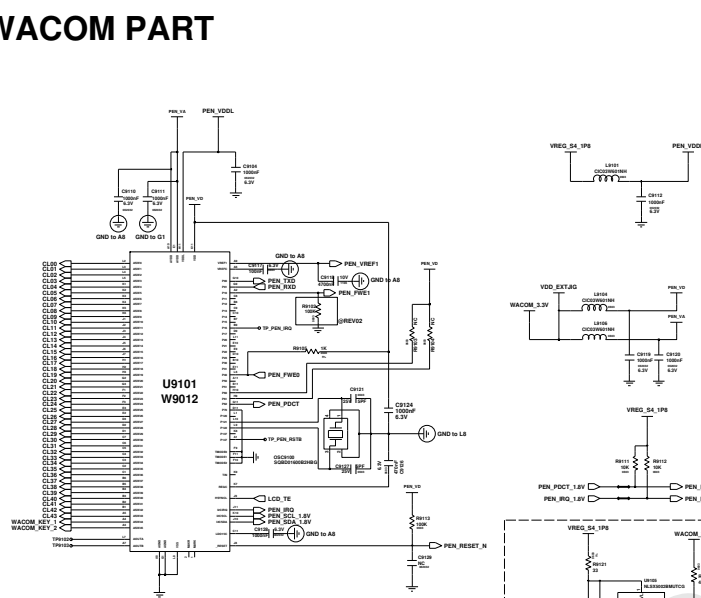
HD OCTA DC-DC

SUB FPCB IF CONN.
(USB2.0 / USB3.0 / Main ANT / TOUCH)

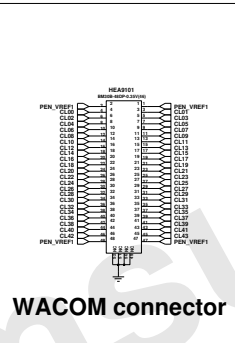


Engineer: R&D TEAM - KOREA		
Drawn by: R&D TEAM - KOREA		
R&D CHK:		
DWG CTRL CHK:		
TITLE:		
		
		
		
		
		
		
		
		

WACOM PART

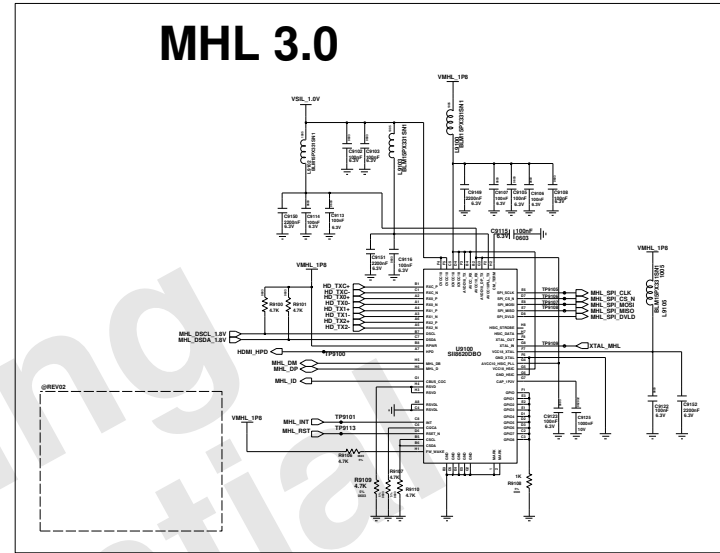


WACOM JTAG

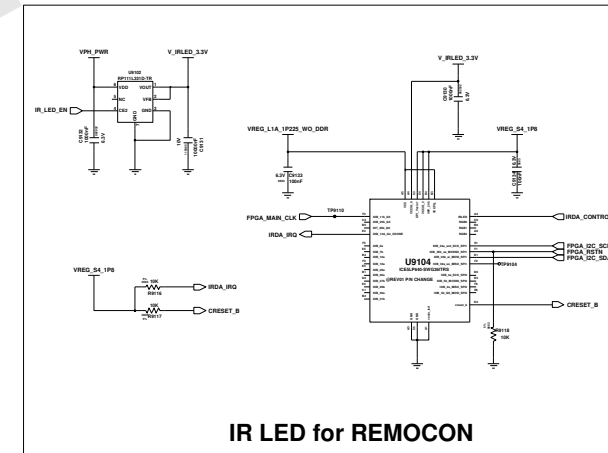


WACOM connector

MHL 3.0



IR LED for REMOCON



SD/SIM CARD FPCB CONN

(SD SOCKET, SIM SOCKET, Wireless Charging, Power Filp)

ACC. Conn FPCB CONN

(NFC, Cover UART)

