

GT-I9505 REV0.9(FUSION)

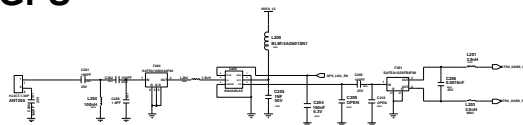
(Main Board / include Sensor HUB)

2013.03.12

- sheet01 : GSM / WCDMA / LTE RF
- sheet02 : GPS, FM, BT, WIFI, SENSOR HUB, NFC
- sheet03 : TRANCEIVER
- sheet04 : CP PMIC
- sheet05 : CP (MDM9215)
- sheet06 : AP (FUSION3)
- sheet06 : AP (FUSION3)
- sheet08 : AP PMIC
- sheet09 : IF PMIC, IRDA, SUB CON, Volume Key
- sheet10 : AUDIO
- sheet11 : MHL, DISPLAY, CAM

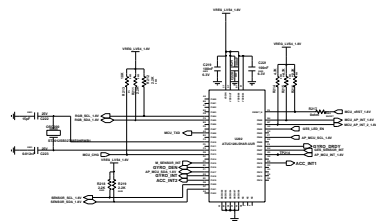
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GPS



GNSS

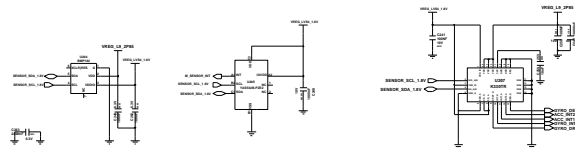
SENSOR HUB



(F:128Kb, S:32Kb)

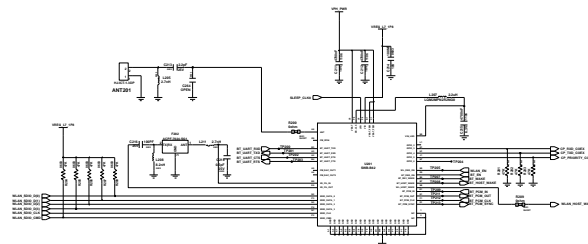


SENSORS

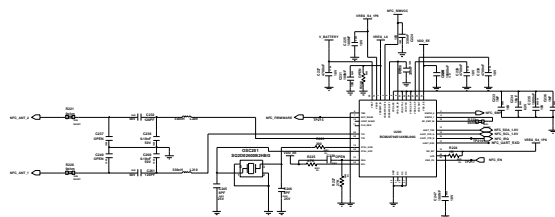


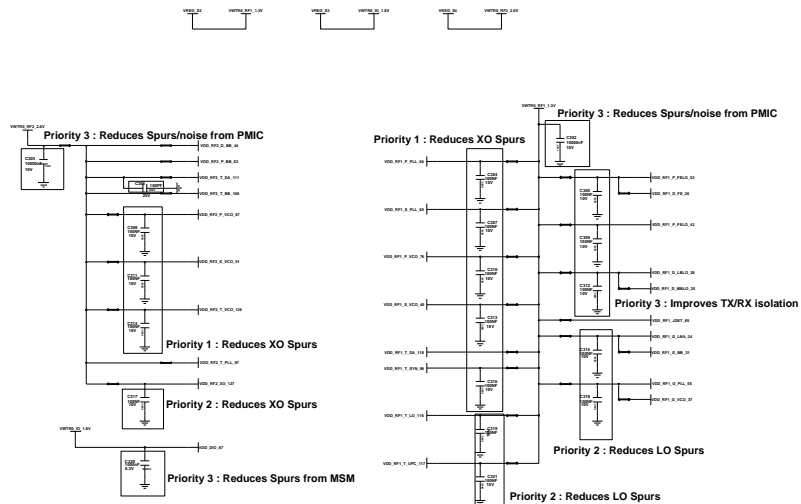
Barometer Sensor Magnetic Sensor 6 Axis Sensor (GYRO, ACCEL)

BT/WIFI



NFC

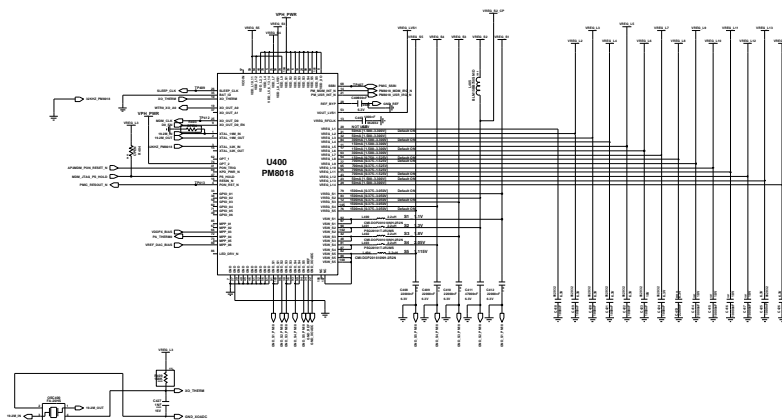
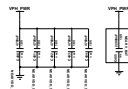




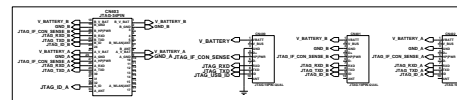
PA DCDC

Engineer JL	Tranceiver		
Checked by JL			
FAC CHK	TITLE		
DWG CTRL CHK	J_EU_LTE		
WFO BASK CHK			
QA CHK	REV	Drawing Number	Sheet

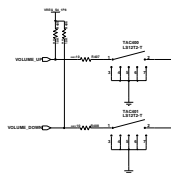
CP PMIC



PCB JTAG

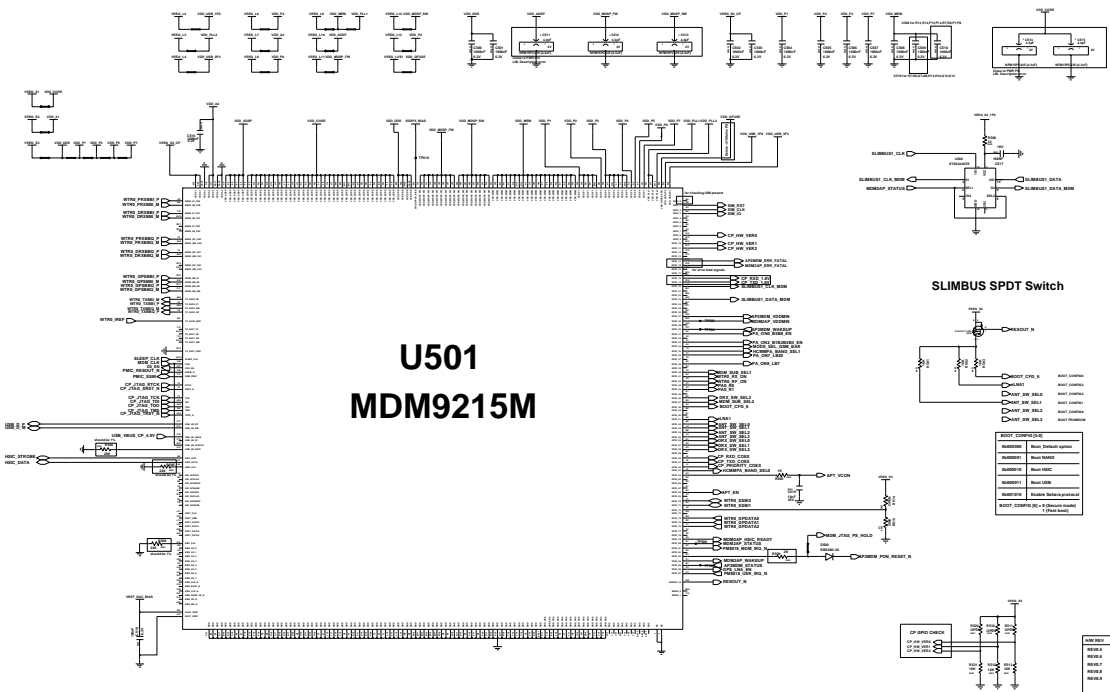


CP JTAG / Volume key Connector



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CP PART



U501
MDM9215M

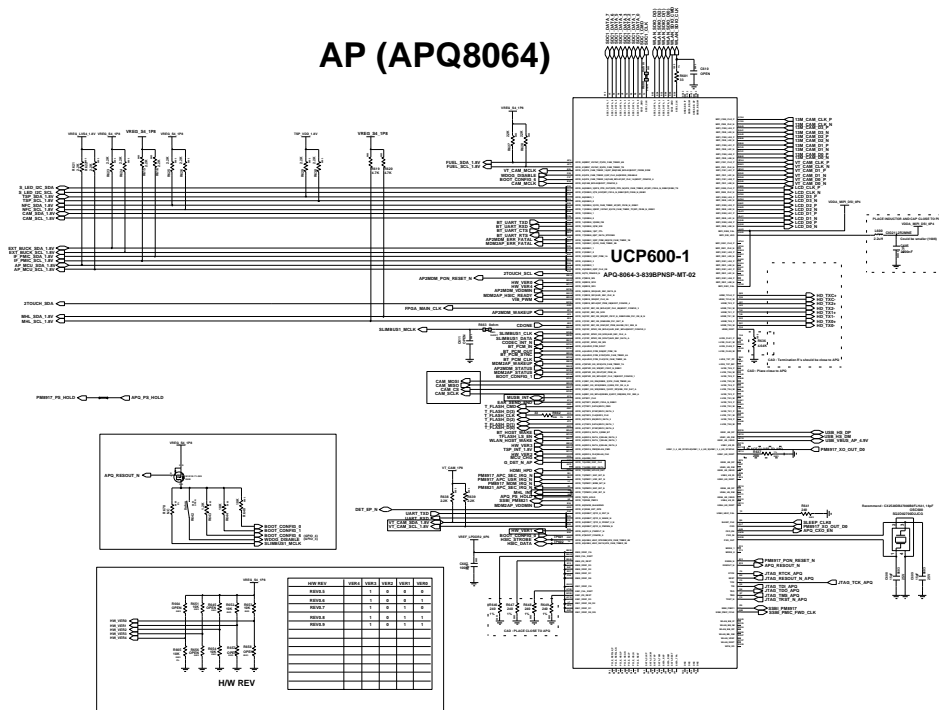
SWITCH COMPONENTS

Component	Value	Unit
SWITCH_1	1000	Ohm
SWITCH_2	1000	Ohm
SWITCH_3	1000	Ohm
SWITCH_4	1000	Ohm
SWITCH_5	1000	Ohm
SWITCH_6	1000	Ohm
SWITCH_7	1000	Ohm
SWITCH_8	1000	Ohm
SWITCH_9	1000	Ohm
SWITCH_10	1000	Ohm

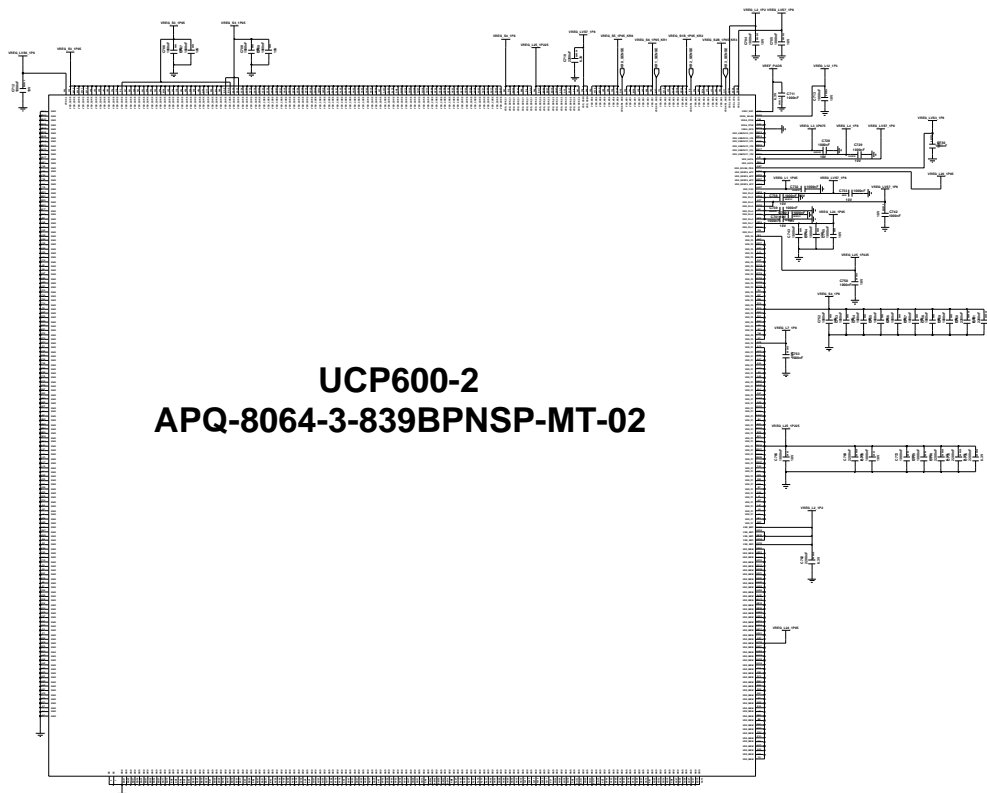
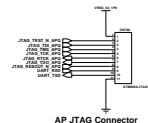
SWITCH	Value	Unit
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SWITCH_3	1000	Ohm
SWITCH_4	1000	Ohm
SWITCH_5	1000	Ohm
SWITCH_6	1000	Ohm
SWITCH_7	1000	Ohm
SWITCH_8	1000	Ohm
SWITCH_9	1000	Ohm
SWITCH_10	1000	Ohm

MDM9215M CP PART, P/N: MDM9215M, REV: 1.0 (See: MDM9215M Pin Voltage Support)

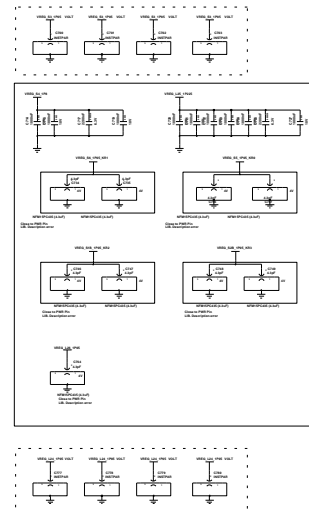
AP (APQ8064)



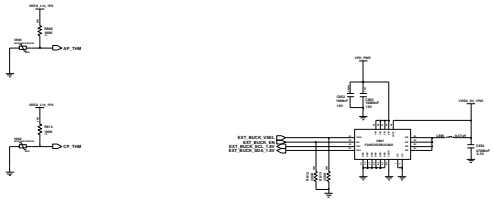
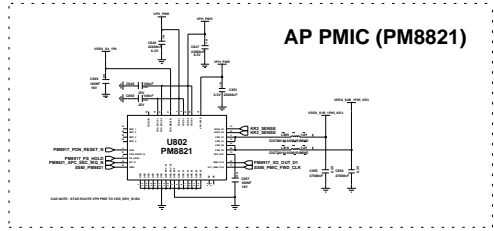
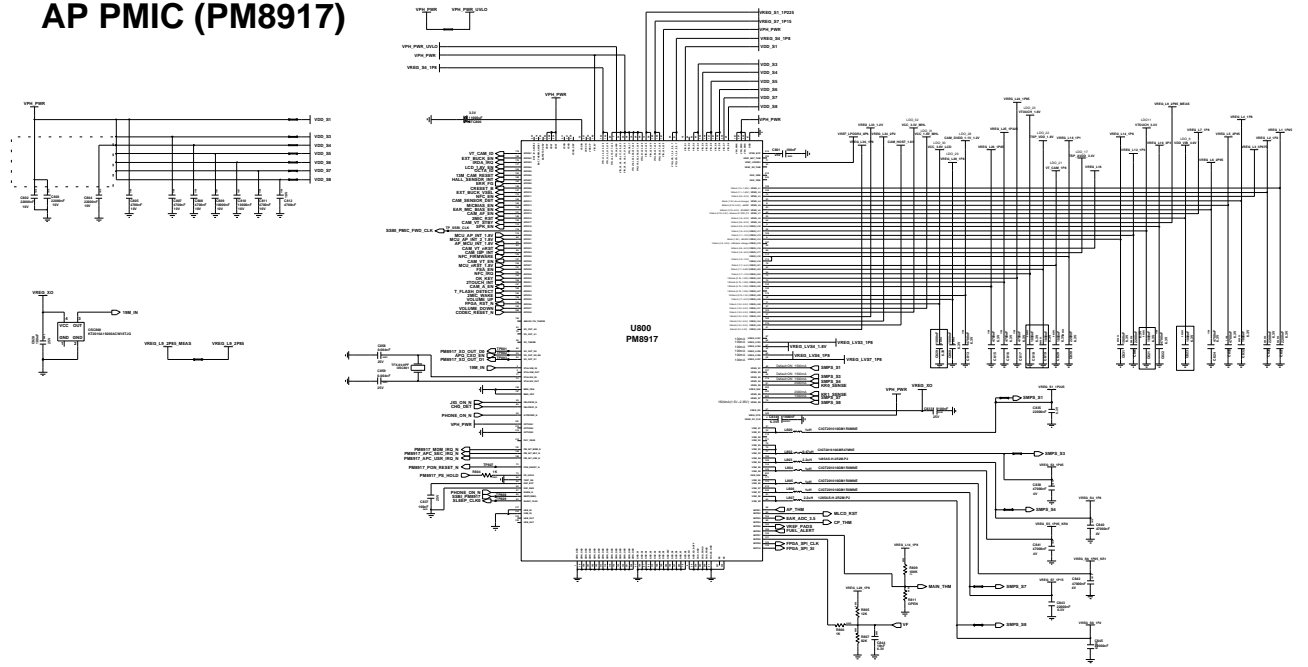
APQ8064 - POWER



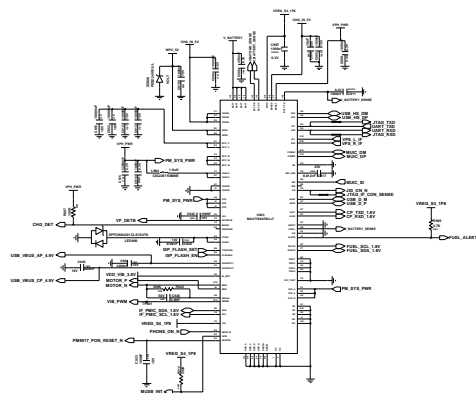
UCP600-2
APQ-8064-3-839BPNSP-MT-02



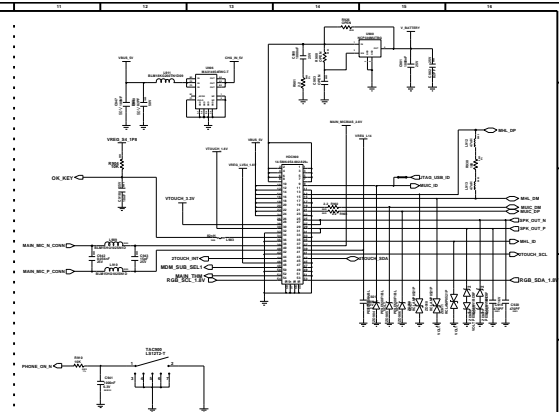
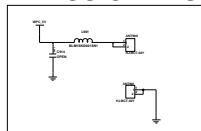
AP PMIC (PM8917)



IF PMIC PART

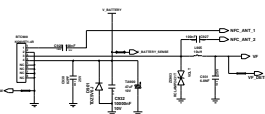


WIRELESS CHARGING

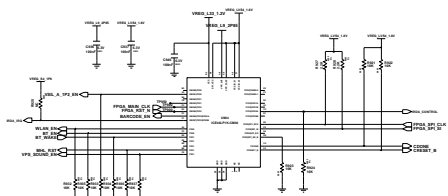


SUB FPCB IF CONN. (11PIN USB / Main ANT / SPK)

Battery Connector



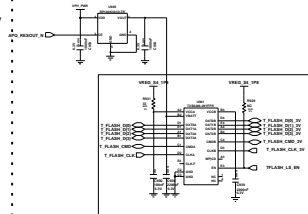
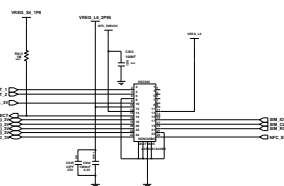
IRLED



SIM / SD CARD

VREG_L6 & VREG_L7 provide both 1.8V & 2.85V depends on the SD card support mode

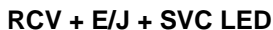
Location: FPCB Design/SDP/Processor_Termination



LEVEL SHIFTER

MOTOR

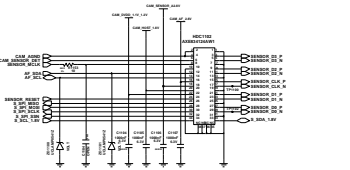




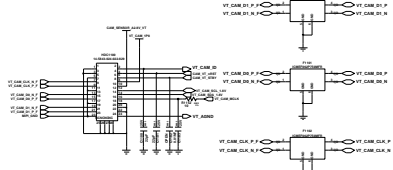
Employee	
Screen No.	
FAST CHG.	FILE
DOC EXCHG CHG.	J_EU_LTE
WFO INTR CHG.	
CR CHG.	

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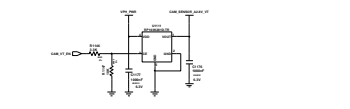
CAMERA PART



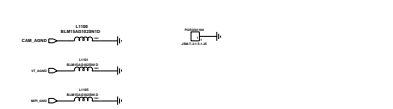
13M_Camera Connector (MIPI)



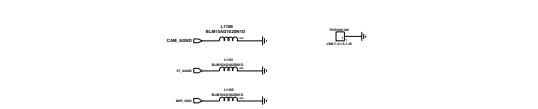
VT_CAMERA (2M)



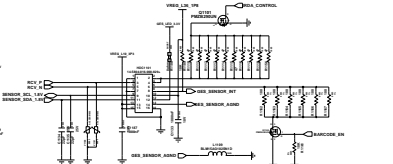
VT_CAMERA LDO



CAM DCDC/LDO

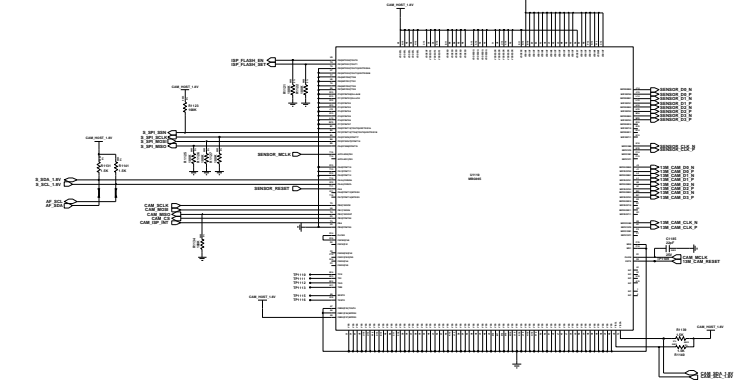


Gesture Sensor LDO

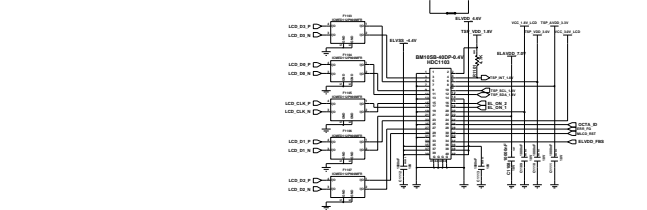


GESTURE + IRLD

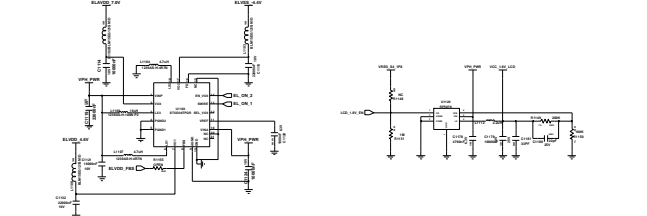
CAM ISP



DISPLAY PART



OCTA Conector (MIPI)



FHD OCTA DC-DC

MHL PART

