



[A5] SM-A500W REV0.3

2015.09.10

sheet01 : RF PAM

sheet02 : WTR1605L or WTR1605(TRANCEIVER), BT/WIFI, GPS, NFC

sheet03 : MSM8916 or MSM8216(AP)

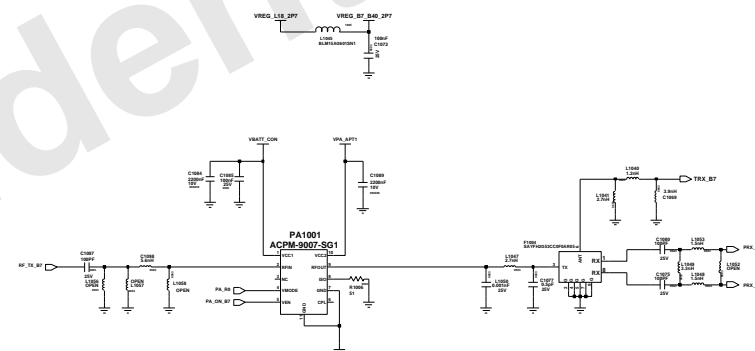
sheet04 : PM8916(PMIC),eMCP

sheet05 : AUDIO, SUB PBA CONNECTOR

sheet06 : 5" HD OCTA, CAM PART, SD CARD, MOT

sheet07 : SENSOR, Charger, MUIC

Engineer	
Drawn by	
FIELD CHK	
DOC CTRL CHK	
WFS ENGR CHK	
SA CHK	
REV	
Drawing Number	
Sheet	1/8
TITLE	
SM-A500W	



MODE	PA_ON B7/B40	PA_R0
HPM	H	L
LPM	H	H

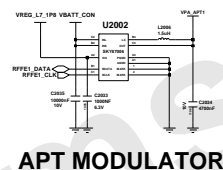
MODE	CTL
RF2	H
RF1	L

B7/B40 TRX

MODE	Vc1	Vc2	Vc3	Vc4
WB1/LB1	H	H	H	H
LB3	H	H	L	L
WB5/LB5	H	L	H	L
LB7	H	H	H	L
WB9/LB9	H	L	H	H
LB20	H	H	L	H
LB40(LBXX2)	H	L	L	L

DIVERSITY (W-B1,5,8 / LTE-B1,3,5,7,8,20,40)

user49 swcad49 10.253.51.244 20151006-132241
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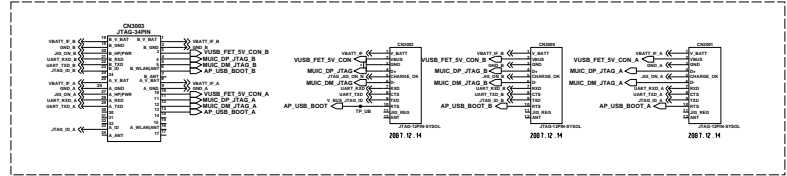


user49 swcad49 10.253.51.244 20151006-132242
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AP PART (MSM8916)

A5 Global	SHORT
SM-A500F/DS	E, D
SM-A500F/DS	E
SM-A500G/DS	G, D
SM-A500G/SS	G
SM-A500H/DS	H, D
SM-A500H/SS	H

PCB JTAG



UCP3000-1 MSM8916-6

UCP3000-2 MSM8916-6

PCB JTAG CON

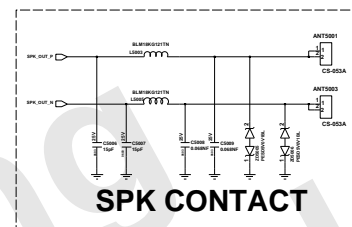
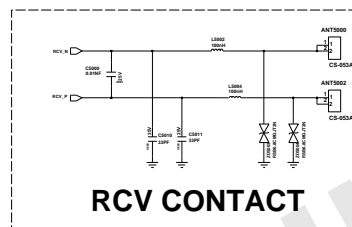
HW REVISION

SM-A500F_H(A5 LTE)
0000 Bringup
0001 REV0.0
0010 REV0.1
0011 REV0.2
0100 REV0.3
0101 REV0.5 f
0110 REV0.6 g
0111 REV0.7 h
1000 REV0.8
1001 REV0.9
1010 REV1.0
1011 REV1.1
1011 CANADA

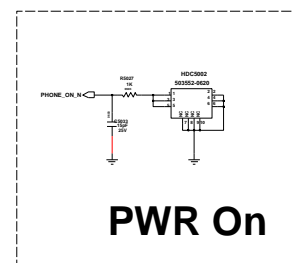
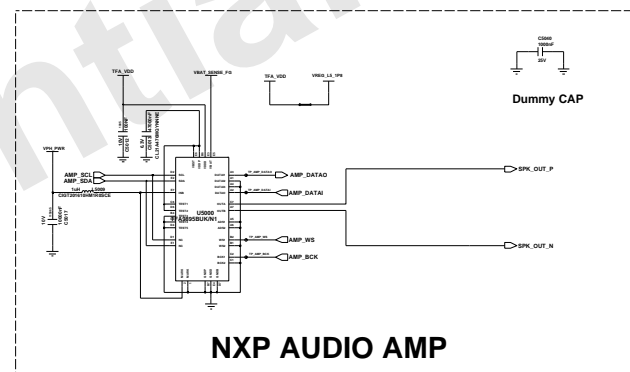
B40 PLACE O/X	DUAL	SIM	SEL
High B40 X	High	Dual	
Low B40 O	Low	Single	

A5 Global	B40	SEL	SIM	SEL
SM-A500F/DS	1	1		
SM-A500F/SS	1	0		
SM-A500G/DS	0	1		
SM-A500G/SS	0	0		
SM-A500H/DS	NC	1		
SM-A500H/SS	NC	0		
SM-A500W/SS	1	0		

user49|swcad49|10.253.51.244|20151006-132246



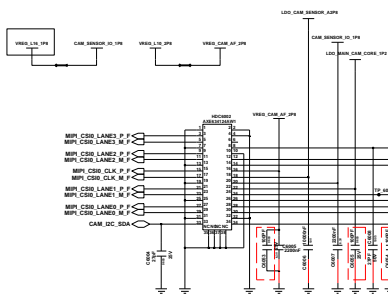
IF SUB PBA CONNECTOR



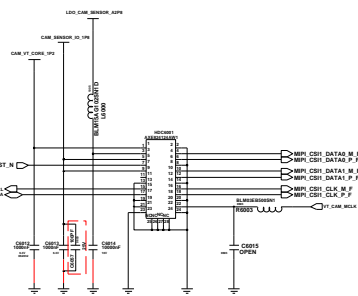
Engineer	AUDIO / MOTOR / KEY		
Drawn by:			
R&D CTR:			TITLE:
DOC CTR CTR:			SM-A500W
MFG ENGR CTR:			
QA CTR:	Procedure Number	REV	

CAMERA PART

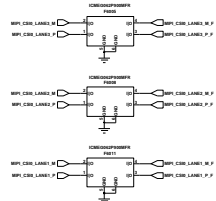
13M_CAM Connector (MIPI)



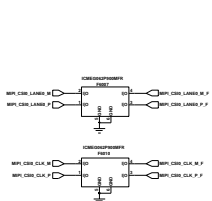
5M_VT_CAM



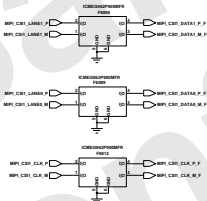
MAIN_CAM_A_LDO



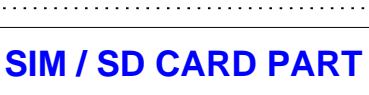
MAIN_CAM_CORE_LDO



VT CAM LDO



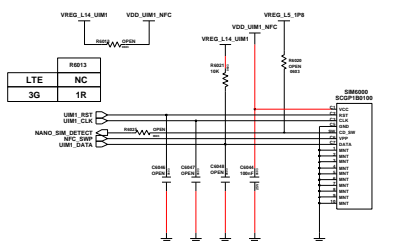
MAIN_CAM_EMI_FILTER



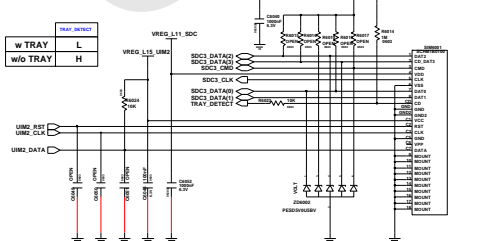
VT_CAM_EMI_FILTER



SIM / SD CARD PART



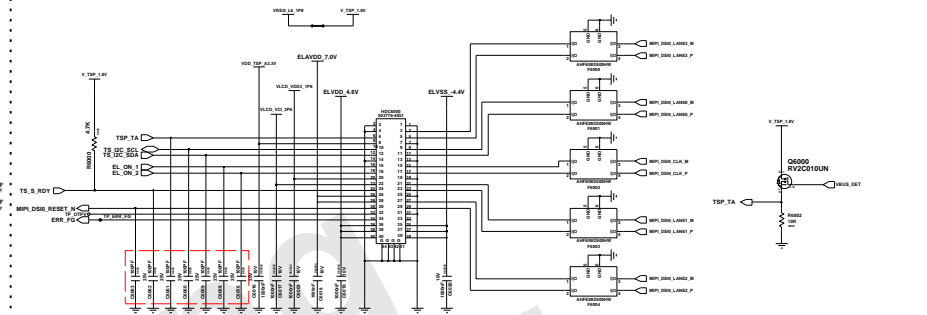
TRAY NANO SIM1 SOCKET



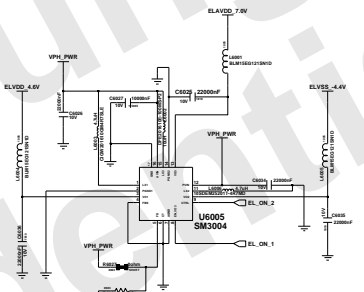
TRAY HYBRID(SIM2/SD) SOCKET

DISPLAY PART

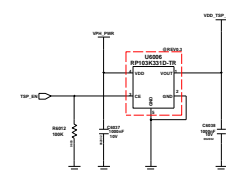
OCTA CONN



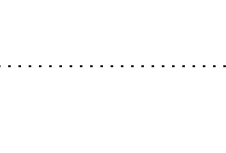
HD OCTA DC-DC



OCTA LDO

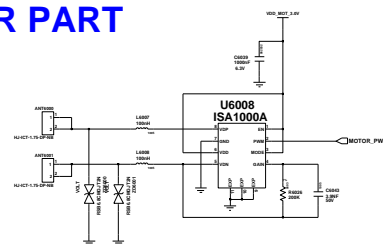


TSP LDO

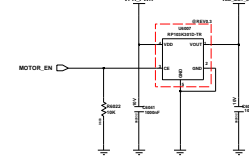


MOTOR PART

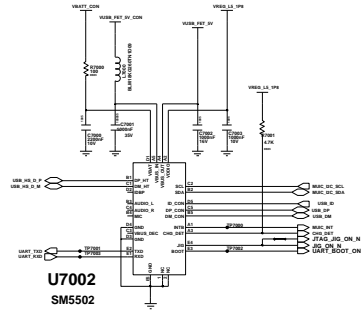
Haptic Driver



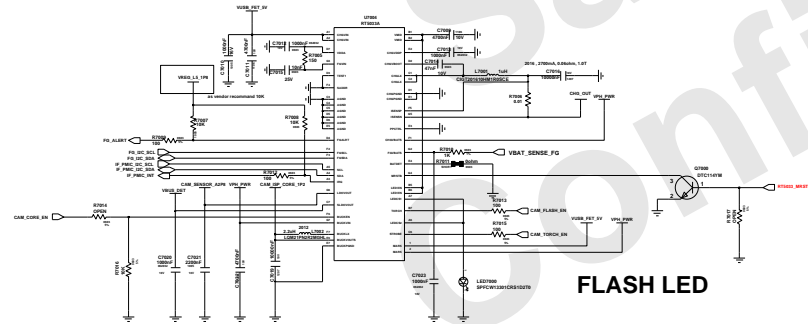
MOTOR LDO(150mA)



Part No.	CAMERA / LCD / SIM/SD CON
Rev.	1.0
Doc. No.	SM-A500W
Rev. No.	1.0
Rev. Date	2015.12.22

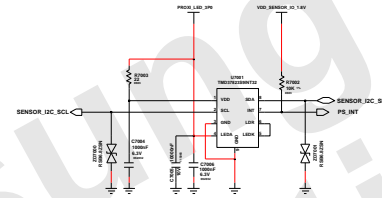


MUIC

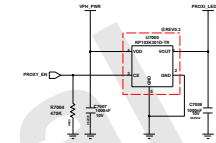


IF PMIC (RT5033 @ Richtek)
(Charger / Fuel Gauge / Flash LED / CAM DCDC)

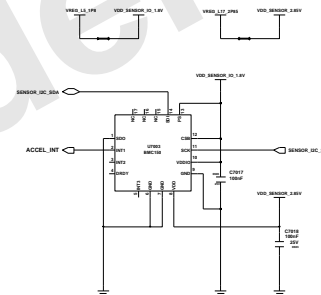
FLASH LED



Proximity Detector



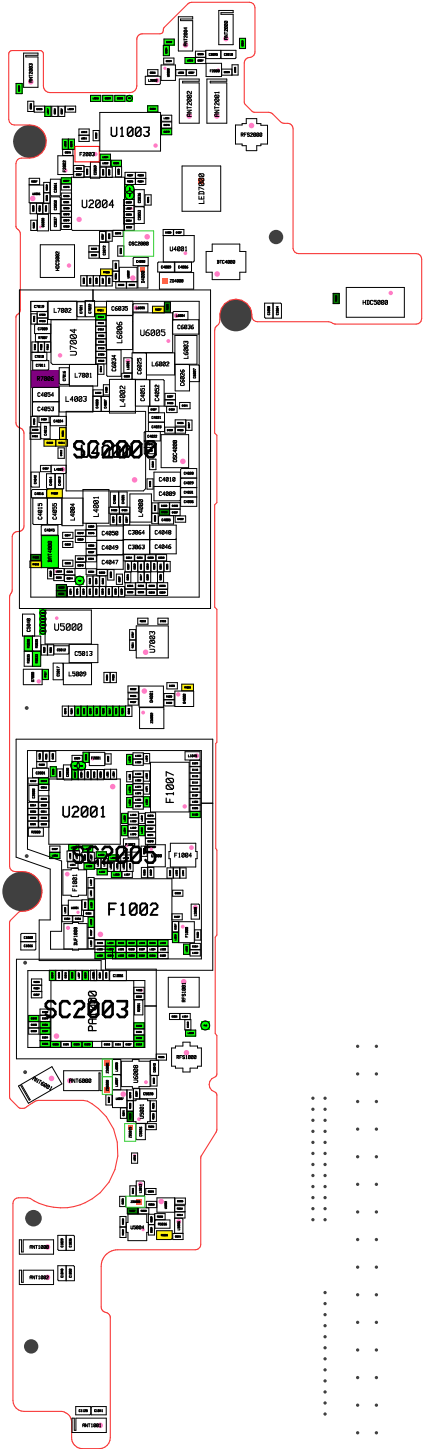
Proximity LDO



ACC+MAG SENSOR

Model :
Revision :
Manufacture Count :
Charge :
Contact :
Date :
Routing :
Resin :

Setup(2015-04-02)_H
HP



LFD182G45DP4B889(F2003) : IT'S Wrong Polarity possibility. Check the Pin1 2007-010856(R7006) : Check! Bottom Surface of Component