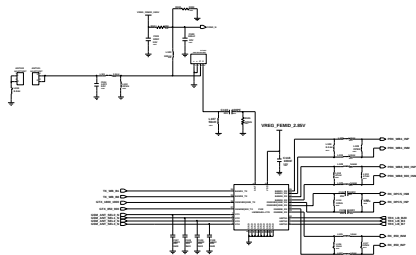


08. The schematic and Placement of GT-P7320

RF PART

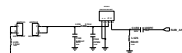


SWITCH(MAIN)

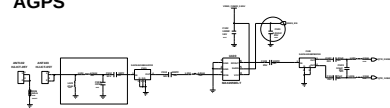
Pin	Signal	IO	Driver	Level	Notes
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2	SW1	O	1.8V	1.8V	
3	SW2	O	1.8V	1.8V	
4	SW3	O	1.8V	1.8V	
5	SW4	O	1.8V	1.8V	
6	SW5	O	1.8V	1.8V	
7	SW6	O	1.8V	1.8V	
8	SW7	O	1.8V	1.8V	
9	SW8	O	1.8V	1.8V	
10	SW9	O	1.8V	1.8V	
11	SW10	O	1.8V	1.8V	
12	SW11	O	1.8V	1.8V	
13	SW12	O	1.8V	1.8V	
14	SW13	O	1.8V	1.8V	
15	SW14	O	1.8V	1.8V	
16	SW15	O	1.8V	1.8V	
17	SW16	O	1.8V	1.8V	
18	SW17	O	1.8V	1.8V	
19	SW18	O	1.8V	1.8V	
20	SW19	O	1.8V	1.8V	
21	SW20	O	1.8V	1.8V	
22	SW21	O	1.8V	1.8V	
23	SW22	O	1.8V	1.8V	
24	SW23	O	1.8V	1.8V	
25	SW24	O	1.8V	1.8V	
26	SW25	O	1.8V	1.8V	
27	SW26	O	1.8V	1.8V	
28	SW27	O	1.8V	1.8V	
29	SW28	O	1.8V	1.8V	
30	SW29	O	1.8V	1.8V	
31	SW30	O	1.8V	1.8V	
32	SW31	O	1.8V	1.8V	
33	SW32	O	1.8V	1.8V	
34	SW33	O	1.8V	1.8V	
35	SW34	O	1.8V	1.8V	
36	SW35	O	1.8V	1.8V	
37	SW36	O	1.8V	1.8V	
38	SW37	O	1.8V	1.8V	
39	SW38	O	1.8V	1.8V	
40	SW39	O	1.8V	1.8V	
41	SW40	O	1.8V	1.8V	
42	SW41	O	1.8V	1.8V	
43	SW42	O	1.8V	1.8V	
44	SW43	O	1.8V	1.8V	
45	SW44	O	1.8V	1.8V	
46	SW45	O	1.8V	1.8V	
47	SW46	O	1.8V	1.8V	
48	SW47	O	1.8V	1.8V	
49	SW48	O	1.8V	1.8V	
50	SW49	O	1.8V	1.8V	
51	SW50	O	1.8V	1.8V	
52	SW51	O	1.8V	1.8V	
53	SW52	O	1.8V	1.8V	
54	SW53	O	1.8V	1.8V	
55	SW54	O	1.8V	1.8V	
56	SW55	O	1.8V	1.8V	
57	SW56	O	1.8V	1.8V	
58	SW57	O	1.8V	1.8V	
59	SW58	O	1.8V	1.8V	
60	SW59	O	1.8V	1.8V	
61	SW60	O	1.8V	1.8V	
62	SW61	O	1.8V	1.8V	
63	SW62	O	1.8V	1.8V	
64	SW63	O	1.8V	1.8V	
65	SW64	O	1.8V	1.8V	
66	SW65	O	1.8V	1.8V	
67	SW66	O	1.8V	1.8V	
68	SW67	O	1.8V	1.8V	
69	SW68	O	1.8V	1.8V	
70	SW69	O	1.8V	1.8V	
71	SW70	O	1.8V	1.8V	
72	SW71	O	1.8V	1.8V	
73	SW72	O	1.8V	1.8V	
74	SW73	O	1.8V	1.8V	
75	SW74	O	1.8V	1.8V	
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84	SW83	O	1.8V	1.8V	
85	SW84	O	1.8V	1.8V	
86	SW85	O	1.8V	1.8V	
87	SW86	O	1.8V	1.8V	
88	SW87	O	1.8V	1.8V	
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93	SW92	O	1.8V	1.8V	
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95	SW94	O	1.8V	1.8V	
96	SW95	O	1.8V	1.8V	
97	SW96	O	1.8V	1.8V	
98	SW97	O	1.8V	1.8V	
99	SW98	O	1.8V	1.8V	
100	SW99	O	1.8V	1.8V	
101	SW100	O	1.8V	1.8V	

SWITCHABLE ANT

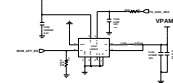
SUB ANT



AGPS



VOULT CHARGER

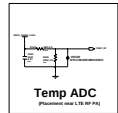
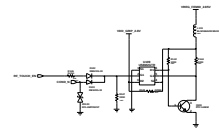
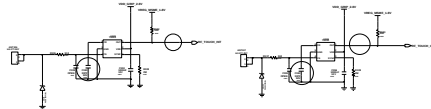


SMPS for VPAM

Shield CAN



GRIP SENSOR

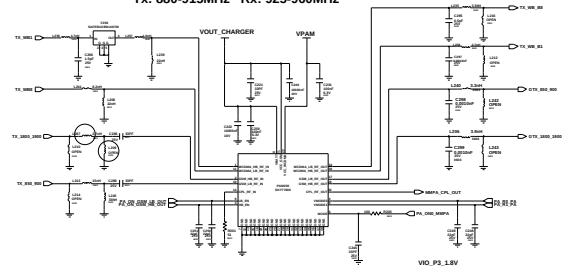


Temp ADC

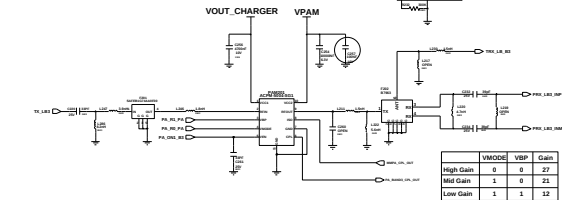
WARNING: CONFIDENTIAL
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2G/3G

WCDMA BAND1
 Tx: 1920-1980MHz Rx: 2110-2170MHz
WCDMA BAND8
 Tx: 880-915MHz Rx: 925-960MHz



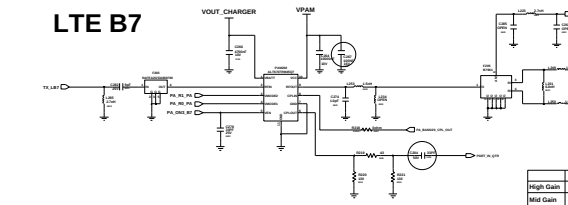
LTE B3



	VMODE	VBP	Gain
High Gain	0	0	27
Mid Gain	1	0	21
Low Gain	1	1	12

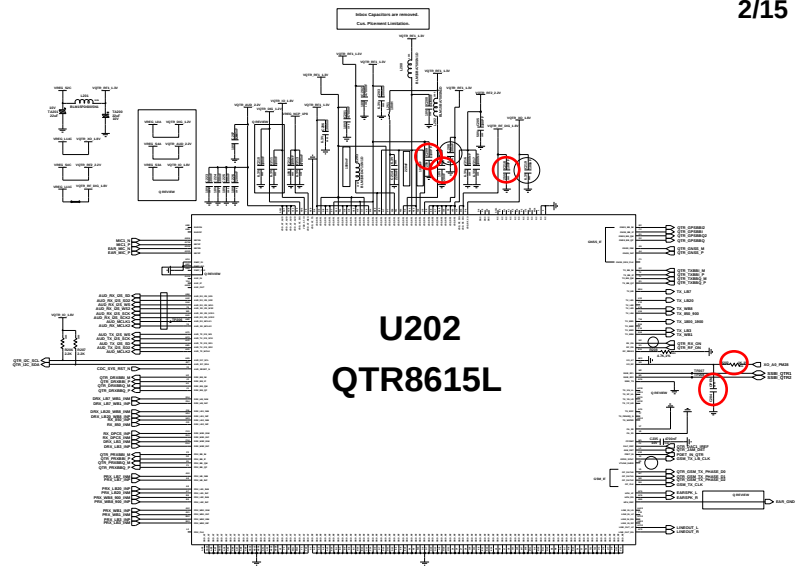
LTE/WCDMA BAND3
 Tx: 1710-1785MHz Rx: 1805-1880MHz

LTE B7



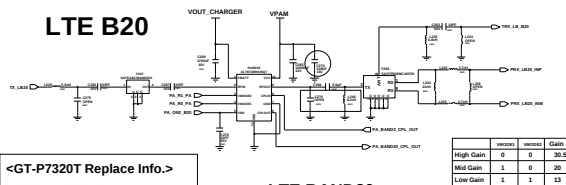
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Mid Gain	1	0	17
Low Gain	1	1	11

LTE BAND7
 Tx: 2500-2570MHz Rx: 2620-2690MHz



U202
QTR8615L

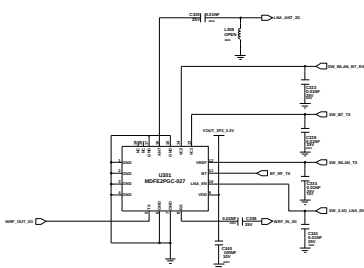
LTE B20



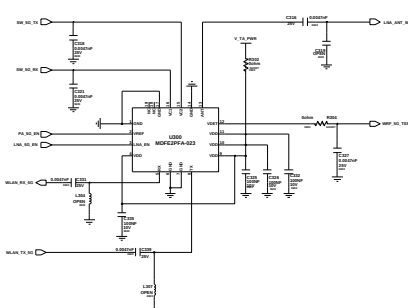
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Mid Gain	1	0	20
Low Gain	1	1	13

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 1. C276: 1pF, C263: 39pF
 2. L248: 33nH, L225: 4.7nF
 3. PAM203: AWT6625A
 4. F207: SAFEB86MAL0F00(2904-001668)
 5. F206: SAYFP86MCA0F00(2910-000068)
 6. F197: SAFEB881MFM0F00(2904-001669)

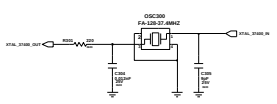
LTE BAND20
 Tx: 832-862MHz Rx: 791-821MHz

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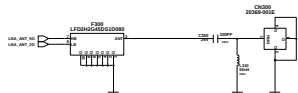
WIFI LNA(2G)



WIFI LNA(5G)



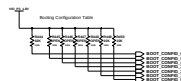
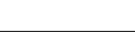
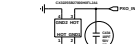
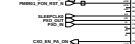
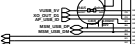
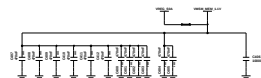
BT/WIFI Xtal



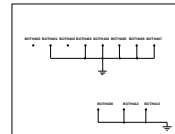
Diplexen

APQ8060 PART

UCP400-1 APQ8060-1-AA

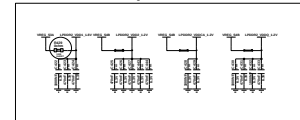


BOTH HOLE

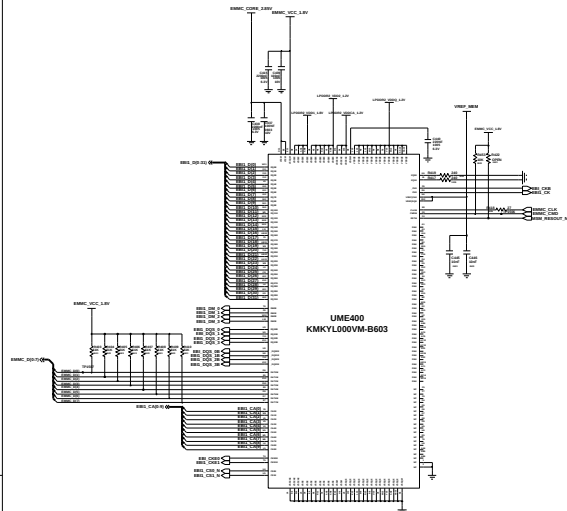


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LPDDR2 De-cap



LPDDR2 & Movi-Nand(MCP)

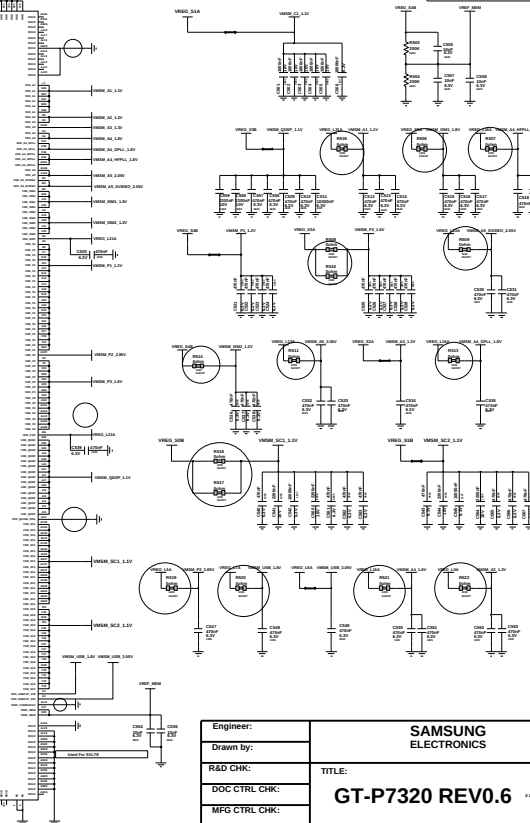


UME400
KMXYL000VM-B603

CONFIDENTIAL

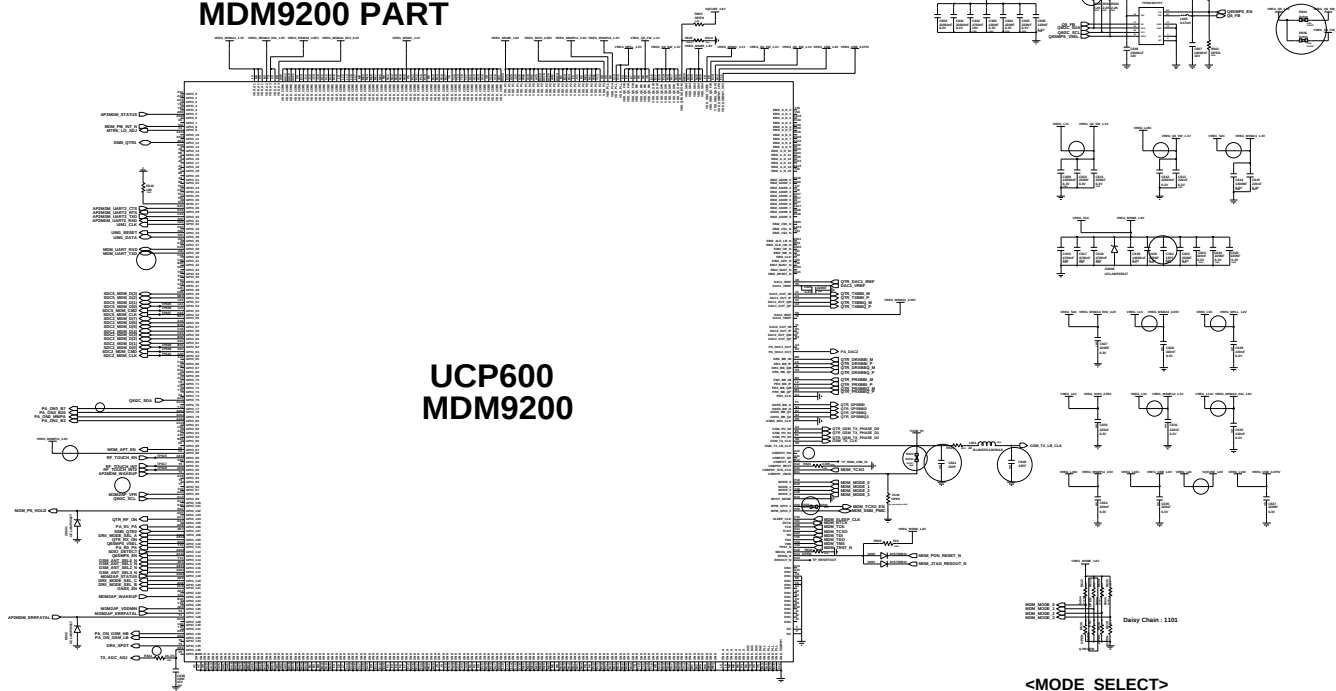
UCP400-2

APQ8060-1-AA



Engineer:	SAMSUNG ELECTRONICS		
Drawn by:			
R&D CHK:	TITLE: GT-P7320 REV0.6		Size: D
DOC CTRL CHK:			
MFG CTRL CHK:			
QA CHK:	REV:	Drawing Number:	Page: 1

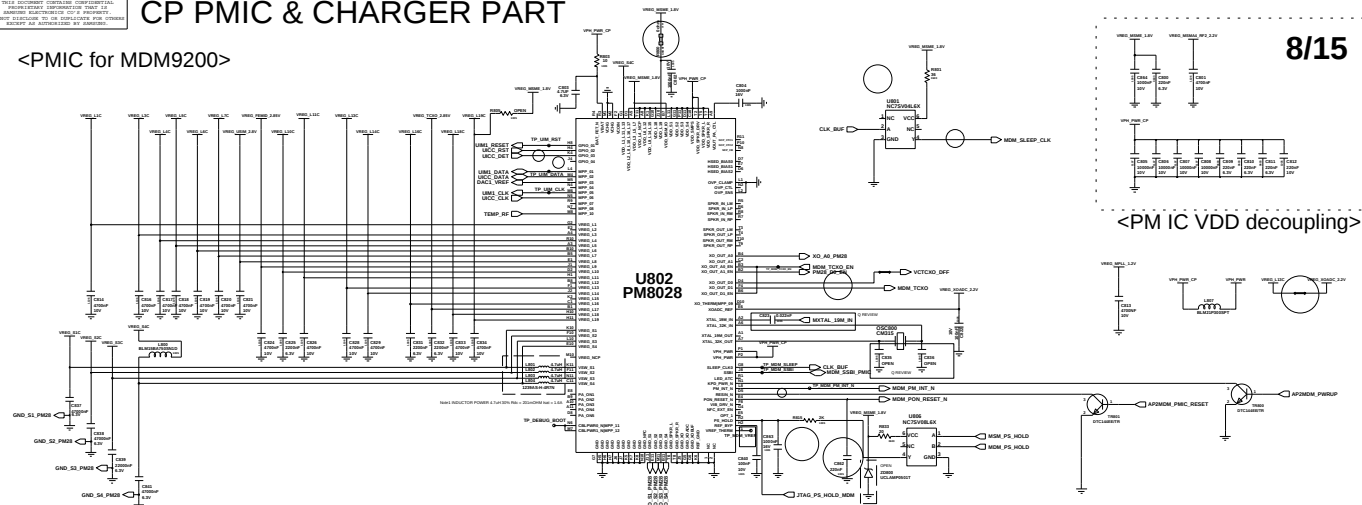
UCP600
MDM9200



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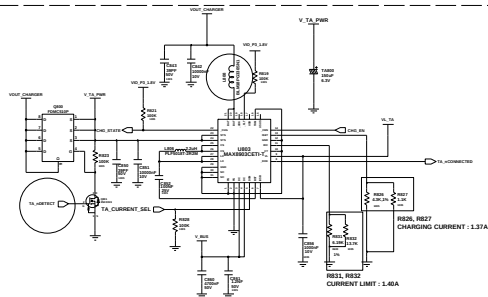
Engineer:		Sign *	
Drawn by:			
R&D CHK:			TITLE:
DOC CTRL CHK:			GT-P7320 REV.0.6
MFG ENGR CHK:			

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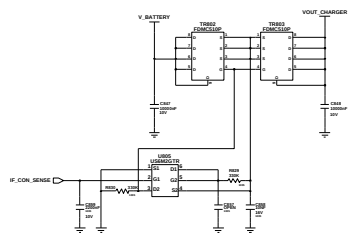


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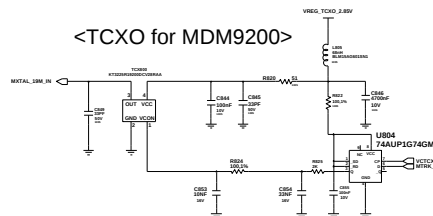
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<SWITCHING CHARGING BLOCK>



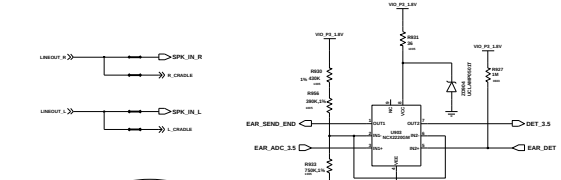
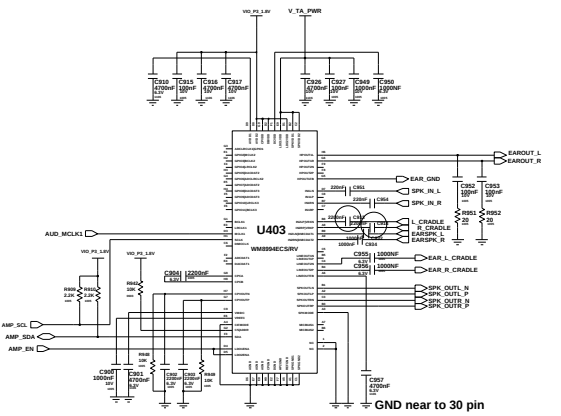
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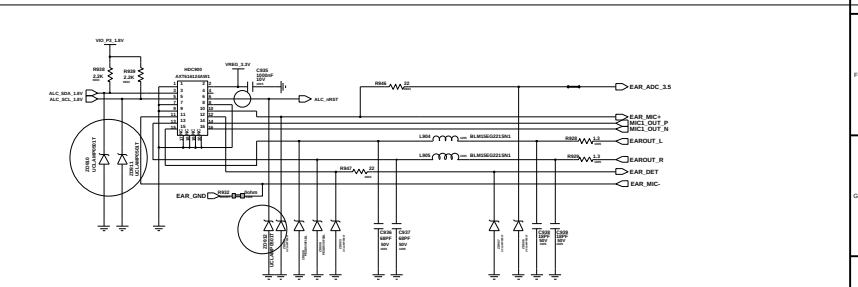
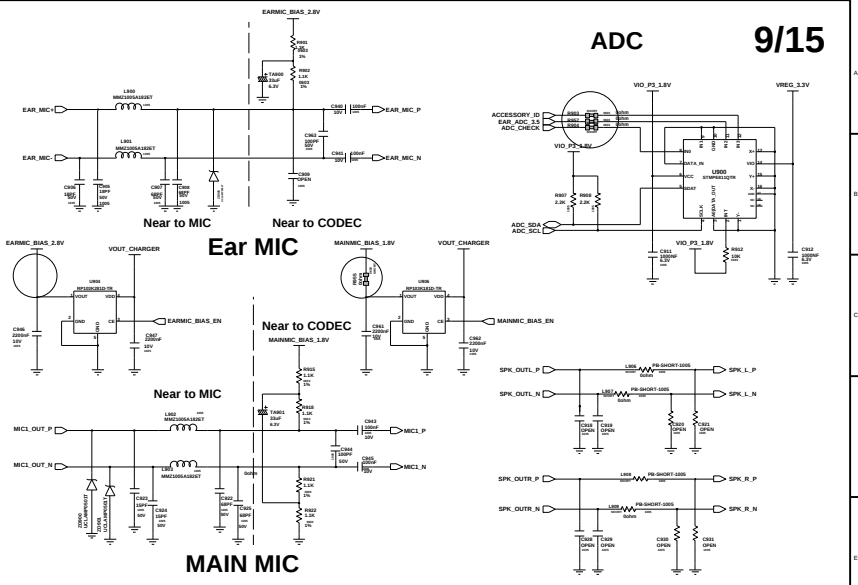
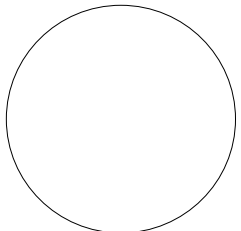
<TCXO for MDM9200>

Engineer: _____ _____ _____			
Drawn by: _____ _____ _____			
R&D CHK: _____ _____ _____	TITLE:	Size: a	
DOC CTRLR CHK: _____ _____ _____	GT-P7320 REV0.6		
MFG CTRLR CHK: _____ _____ _____			
QA CHK: _____ _____ _____	REV: 2.0	Drawing Number:	Page: 2 / 3

AUDIO PART



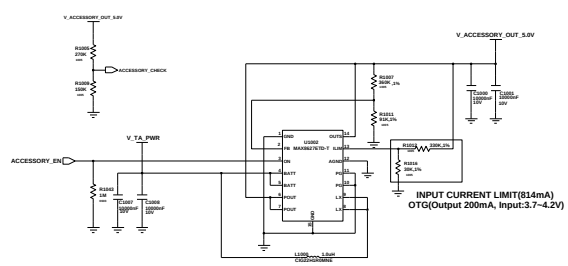
COMPARATOR



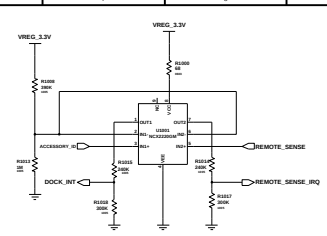
3.5PI EARJACK

CONNECTOR PART

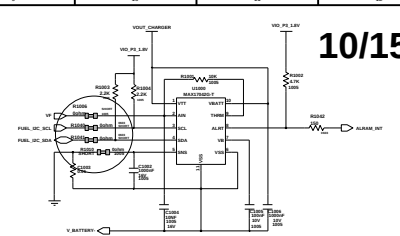
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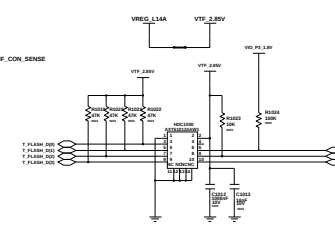
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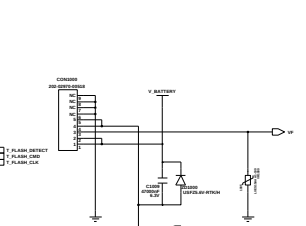
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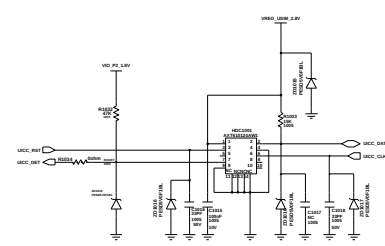
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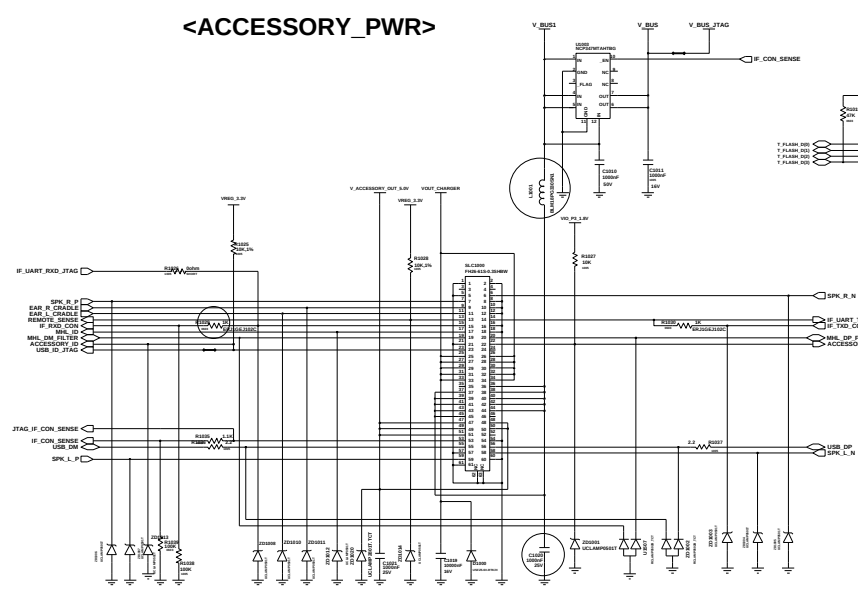
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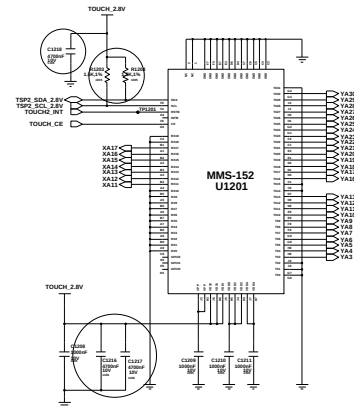
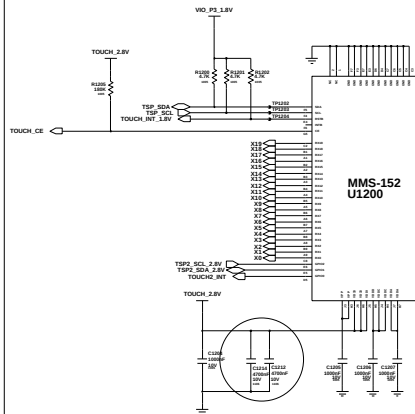
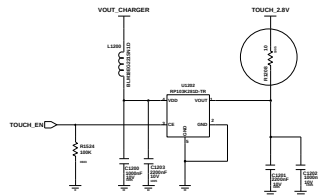
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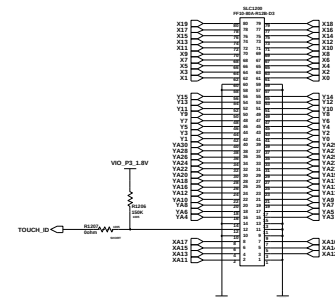


TSP PART

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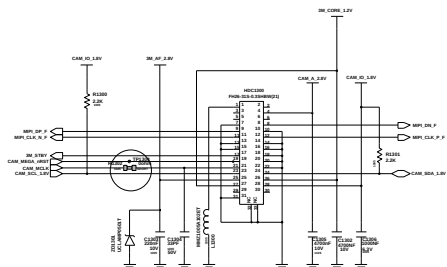


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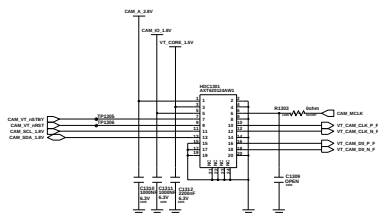
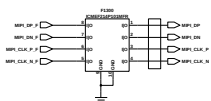
Engineer	TSP Part
Design by	GT-P7320 REV0.6
Check by	
Approved by	
Design Date	2010.01.15
Design Ver.	0.6

CAM PART

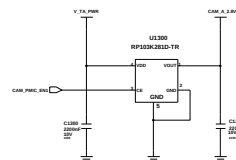
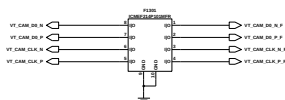
13/15



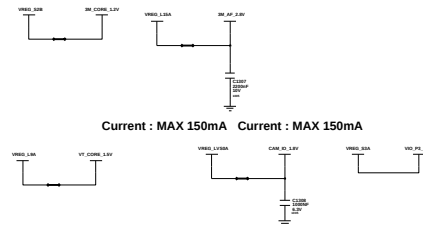
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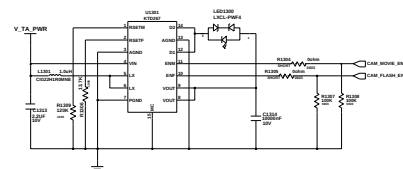


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Current : MAX 150mA

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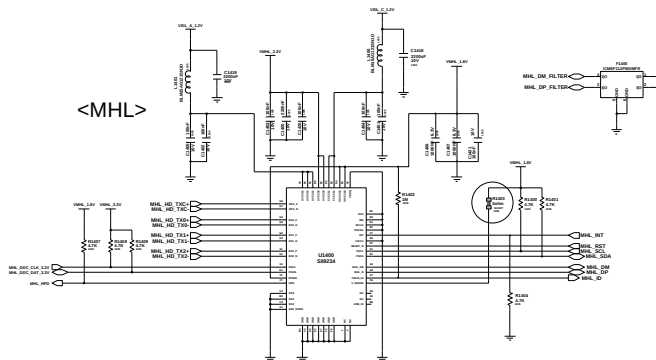
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CAMERA	
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Version	1.0
Revision	1.0
Design	1.0
Check	1.0
Approval	1.0
Release	1.0

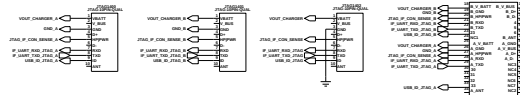
MHL & SWITCH PART

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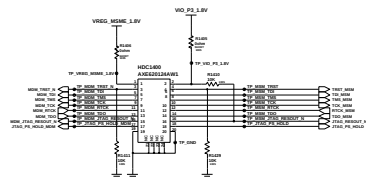
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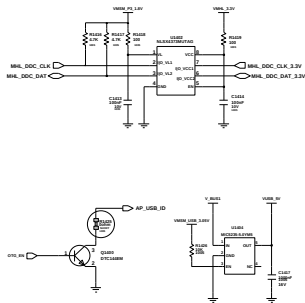
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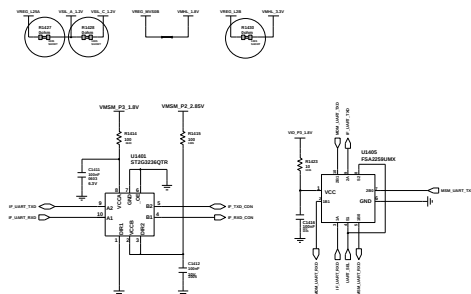
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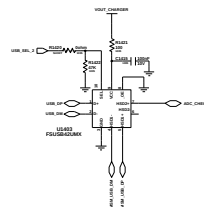
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Engineer:	SAMSUNG ELECTRONICS		
Drawn by:			
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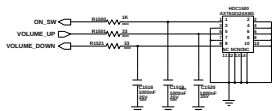
Time:

Revision: November 16, 2010

15:00:00

SENSOR & KEY & MOTOR PART

15/15



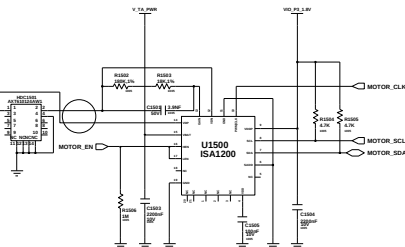
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REAL KEY MAP

KEY	KEY	KEY
ON, SW	VOLUME_UP	VOLUME_DOWN

KEYPCB MAP

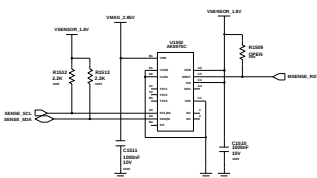
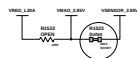
KEY	KEY	KEY
ON, SW	VOLUME_UP	VOLUME_DOWN



LINEAR MOTOR

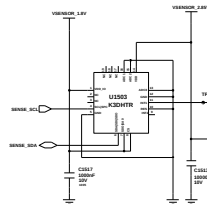


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<Magnetic Sensor>

<Accelation Sensor>



<GYRO Sensor>

