

MITS TELEPHONE **SGH-D730**

SERVICE Manual

MITs TELEPHONE



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1. SGH-D730 Specification

1-1. GSM General Specification

	GSM900 Phase 1	EGSM 900 Phase 2	DCS1800 Phase 1	PCS1900
Freq. Band[MHz] Uplink/Downlink	890~915 935~960	880~915 925~960	1710~1785 1805~1880	1850~1910 1930~1990
ARFCN range	1~124	0~124 & 975~1023	512~885	512~810
Tx/Rx spacing	45MHz	45MHz	95MHz	80MHz
Mod. Bit rate/ Bit Period	270.833kbps 3.692us	270.833kbps 3.692us	270.833kbps 3.692us	270.833kbps 3.692us
Time Slot Period/Frame Period	576.9us 4.615ms	576.9us 4.615ms	576.9us 4.615ms	576.9us 4.615ms
Modulation	0.3GMSK	0.3GMSK	0.3GMSK	0.3GMSK
MS Power	33dBm~13dBm	33dBm~5dBm	30dBm~0dBm	30dBm~0dBm
Power Class	5pcl ~ 15pcl	5pcl ~ 19pcl	Opcl ~ 15pcl	Opcl ~ 15pcl
Sensitivity	-102dBm	-102dBm	-100dBm	-100dBm
TDMA Mux	8	8	8	8
Cell Radius	35Km	35Km	2Km	-

1-2. GSM Tx Power Class

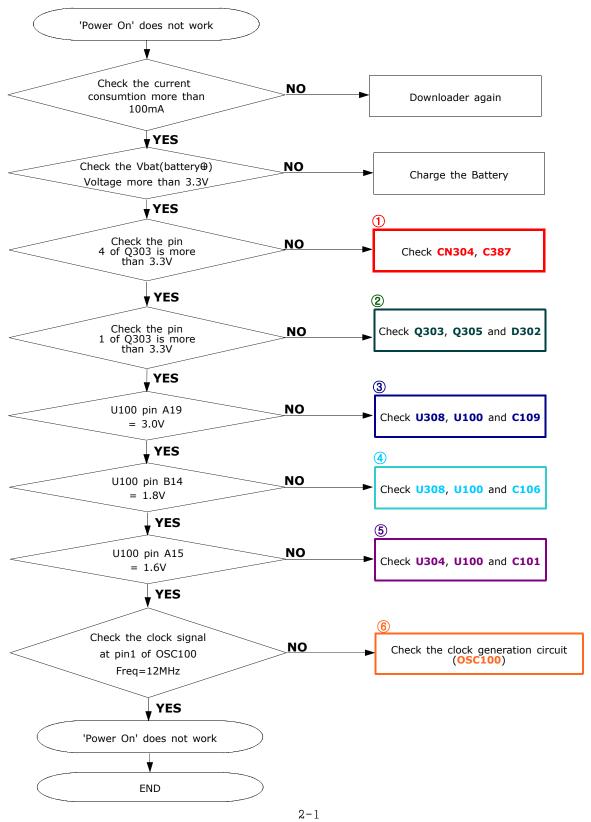
TX Power control level	GSM900	
5	33±2 dBm	
6	31±2 dBm	
7	29±2 dBm	
8	27±2 dBm	
9	25±2 dBm	
10	23±2 dBm	
11	21±2 dBm	
12	19±2 dBm	
13	17±2 dBm	
14	15±2 dBm	
15	13±2 dBm	
16	11±3 dBm	
17	9±3dBm	
18	7±3 dBm	
19	5±3 dBm	

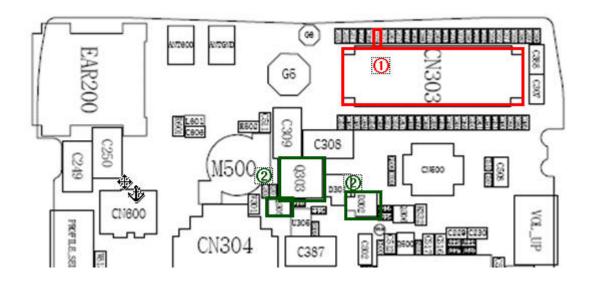
TX Power control level	DCS1800	TX Power control level	PCS1900
0	30±3 dBm	0	30±3 dBm
1	28±3 dBm	1	28±3 dBm
2	26±3 dBm	2	26±3 dBm
3	24±3 dBm	3	24±3 dBm
4	22±3 dBm	4	22±3 dBm
5	20±3 dBm	5	20±3 dBm
6	18±3 dBm	6	18±3 dBm
7	16±3 dBm	7	16±3 dBm
8	14±3 dBm	8	14±3 dBm
9	12±4 dBm	9	12±4 dBm
10	10±4 dBm	10	10±4 dBm
11	8±4dBm	11	8±4dBm
12	6±4 dBm	12	6±4 dBm
13	4±4 dBm	13	4±4 dBm
14	2±5 dBm	14	2±5 dBm
15	0±5 dBm	15	0±5 dBm

2. SGH-D730 Flow Chart of Troubleshooting and Circuit Diagrams

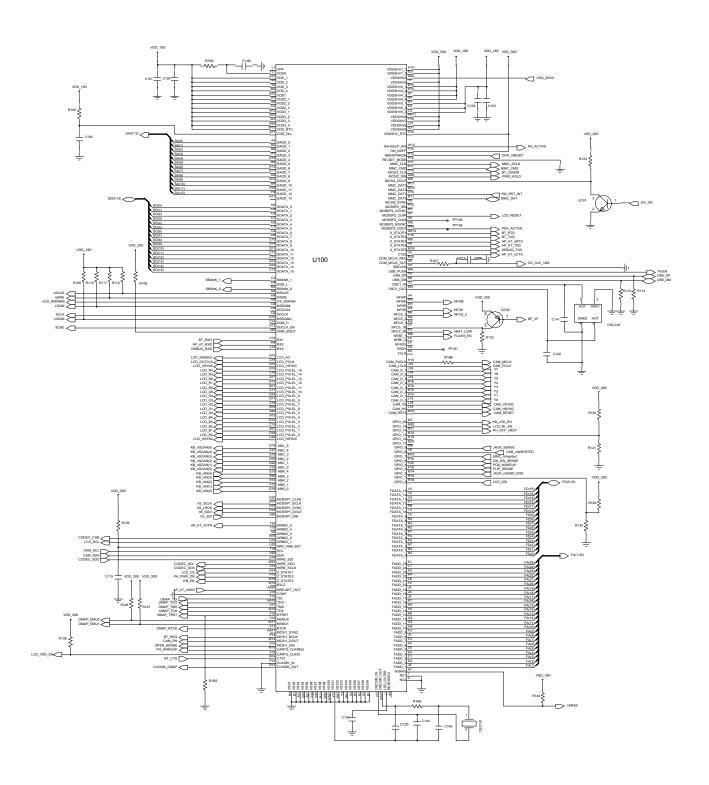
2-1.Baseband

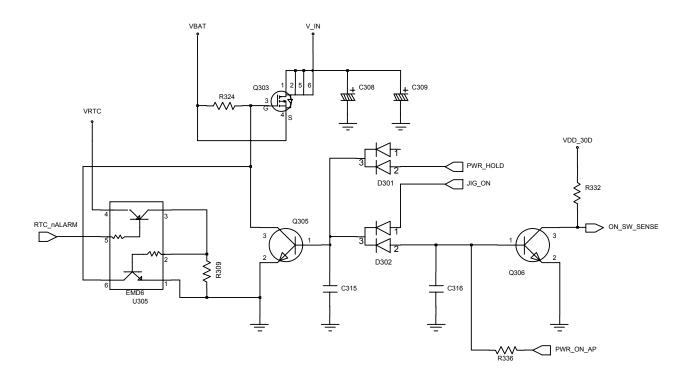
2-1-1. Power ON

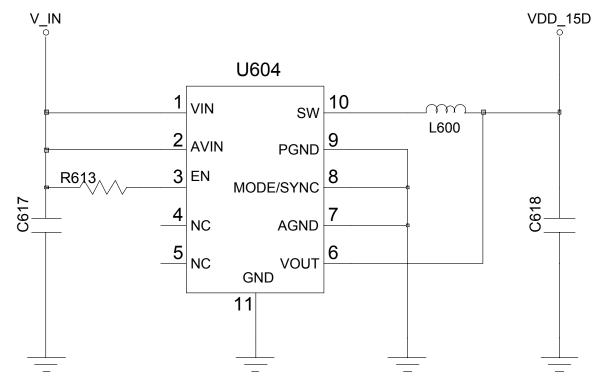




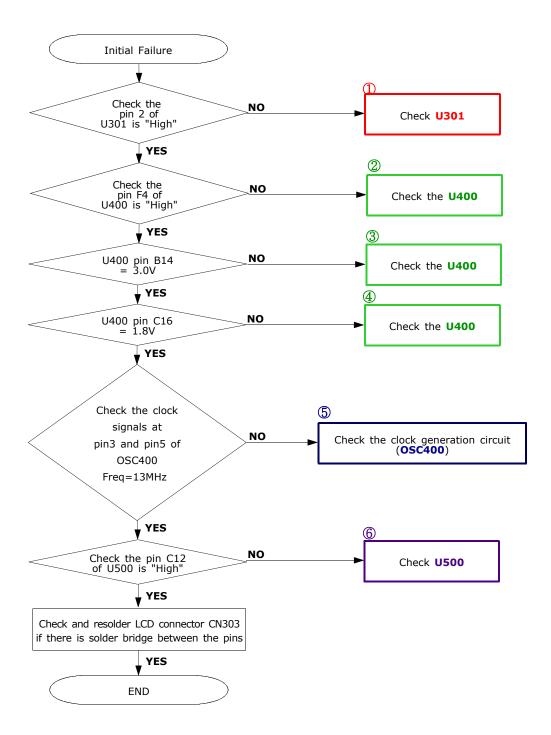


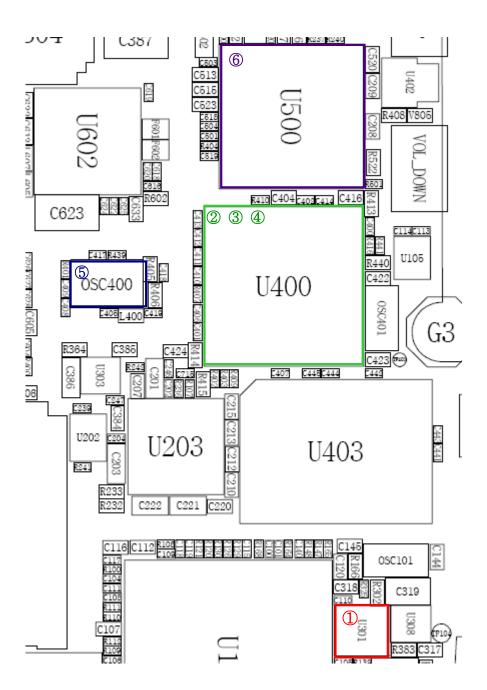


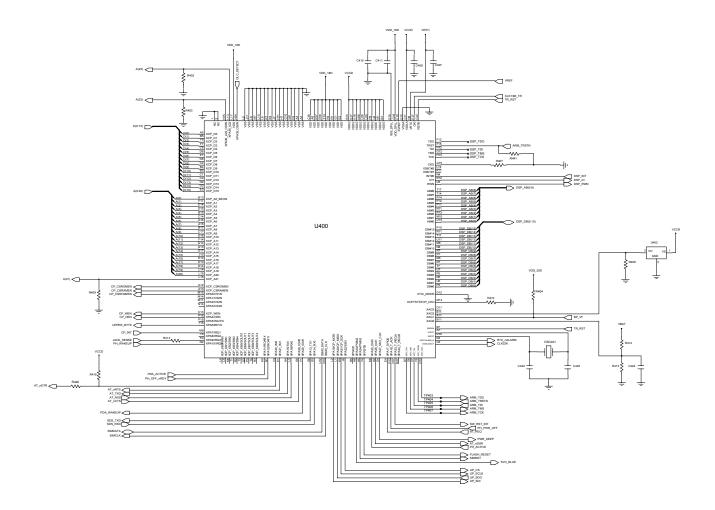


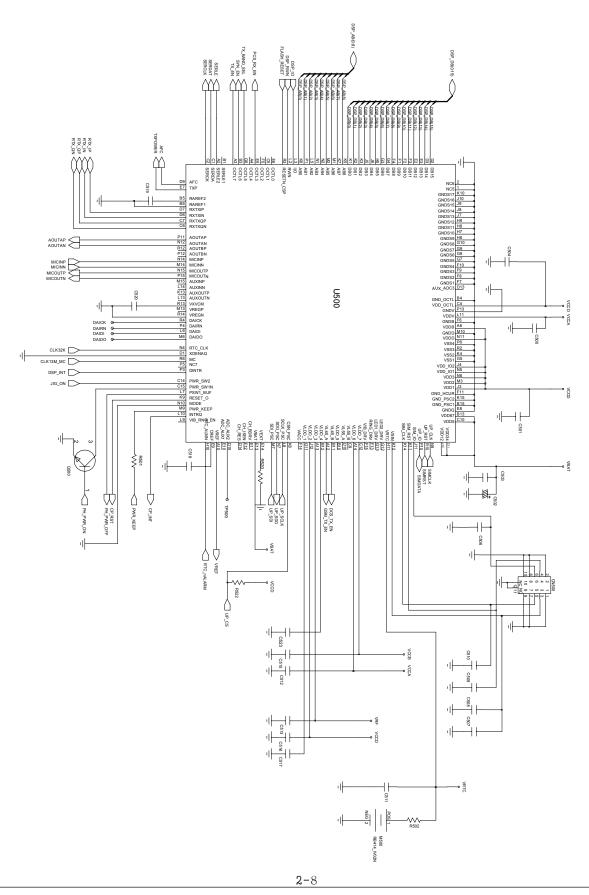


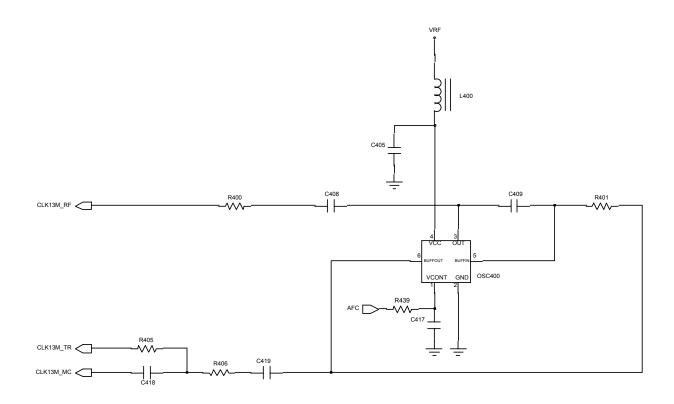
2-1-2. Initial

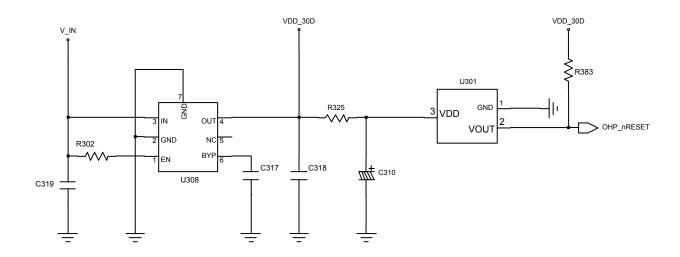




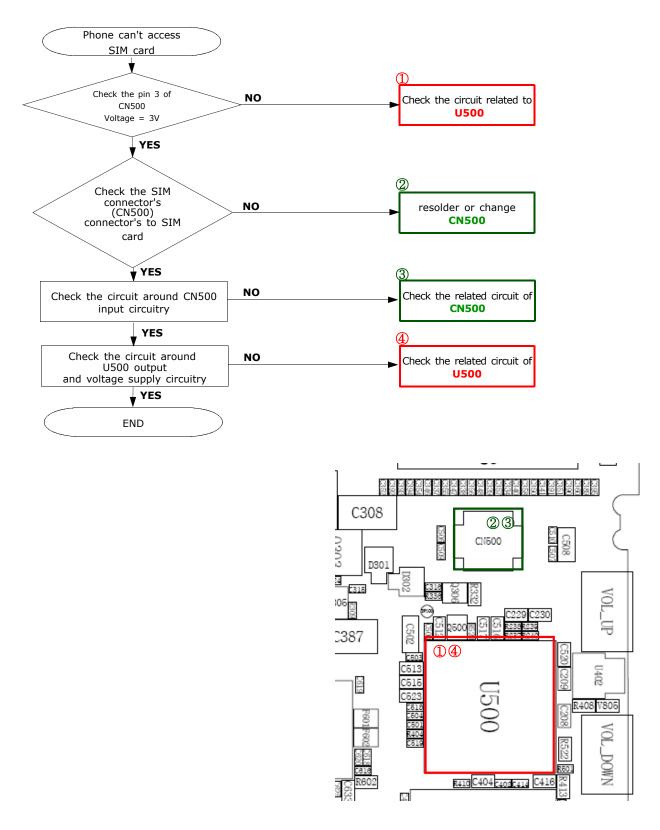




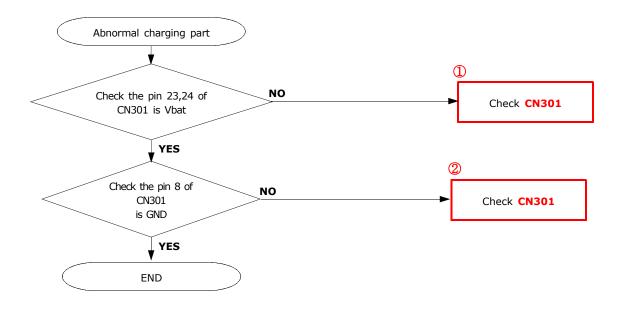




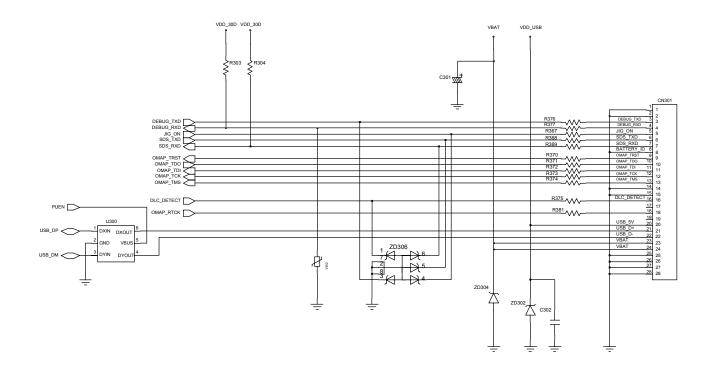
2-1-3. Sim Part



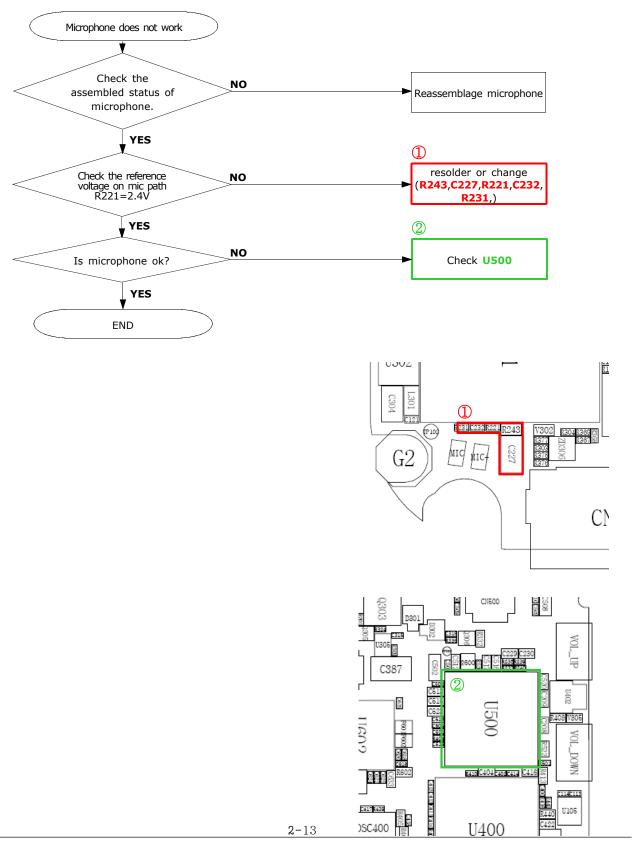
2-1-4. Charging Part

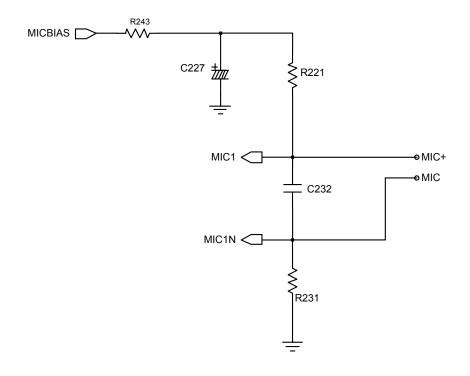


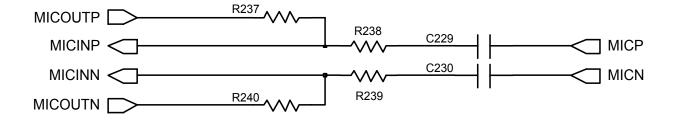




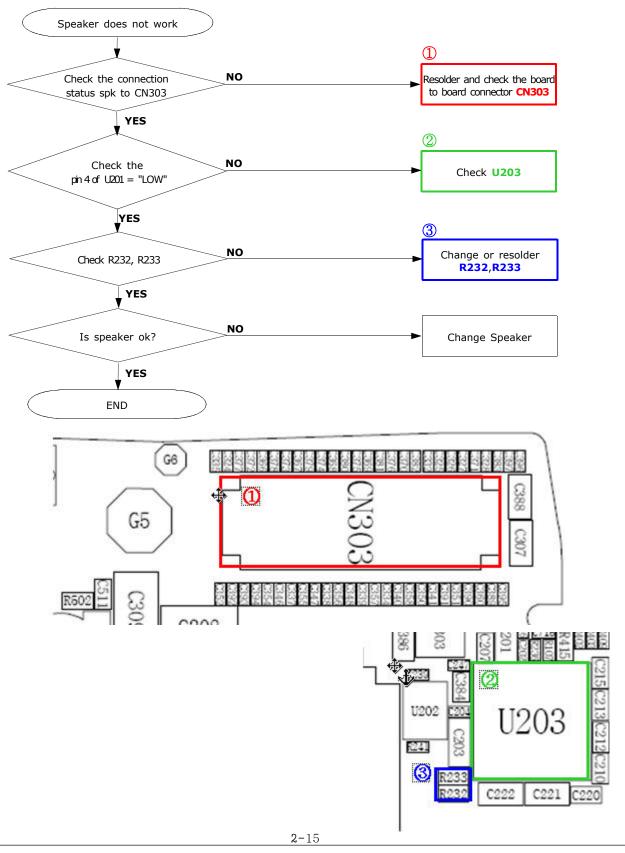
2-1-5. Microphone Part

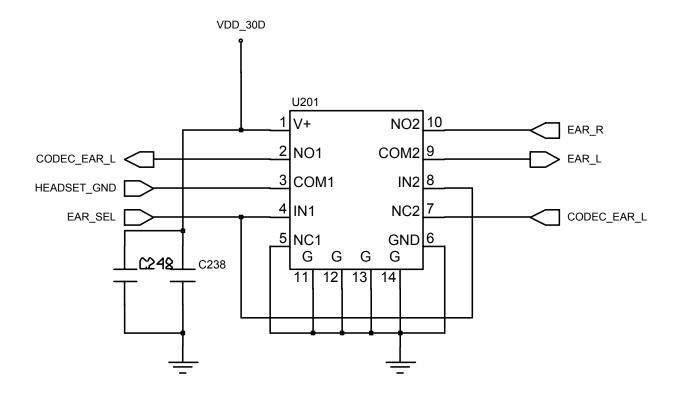




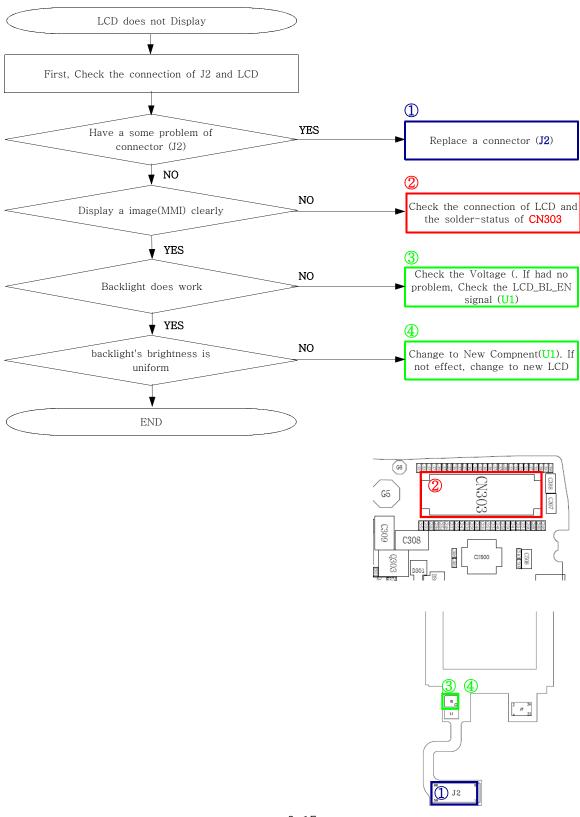


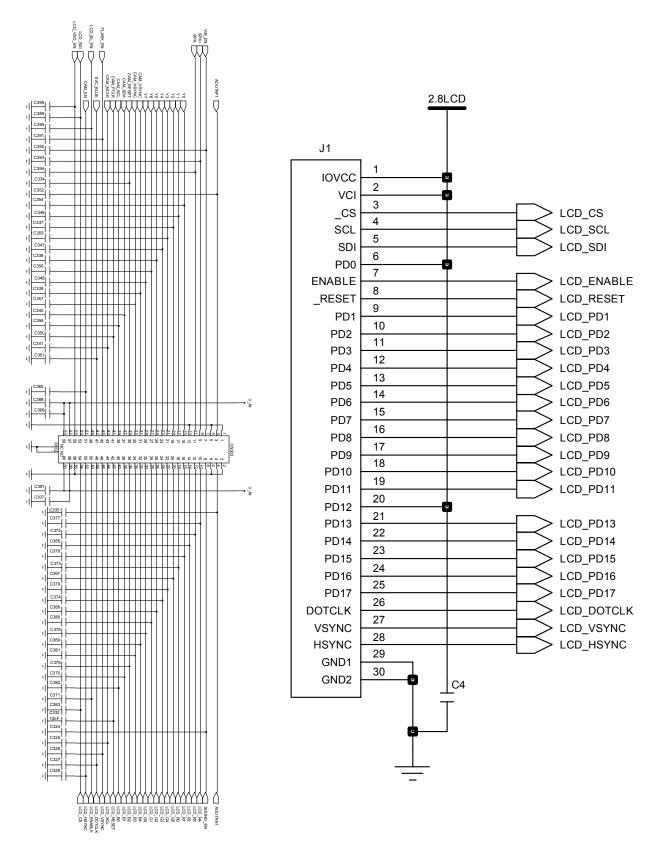
2-1-6. Speaker Part





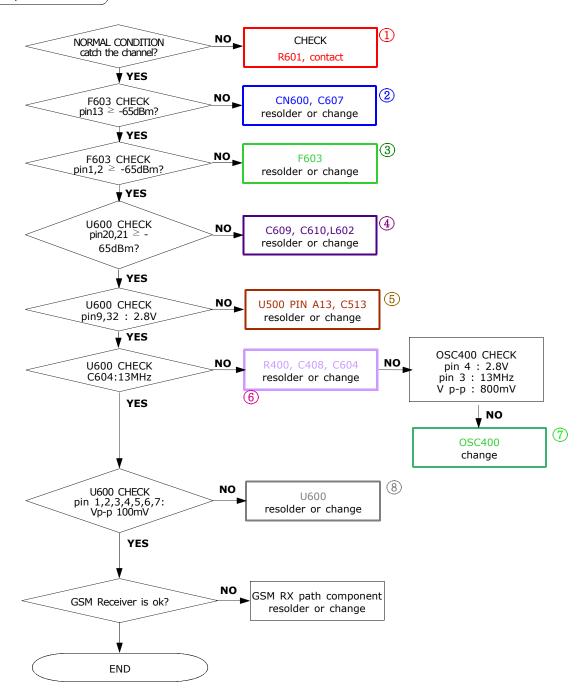
2-1-7. LCD

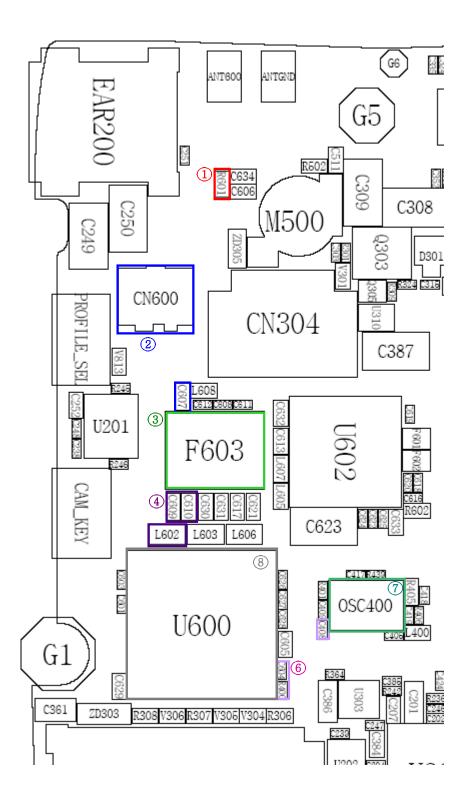




2-2.RF 2-2-1. GSM Receiver

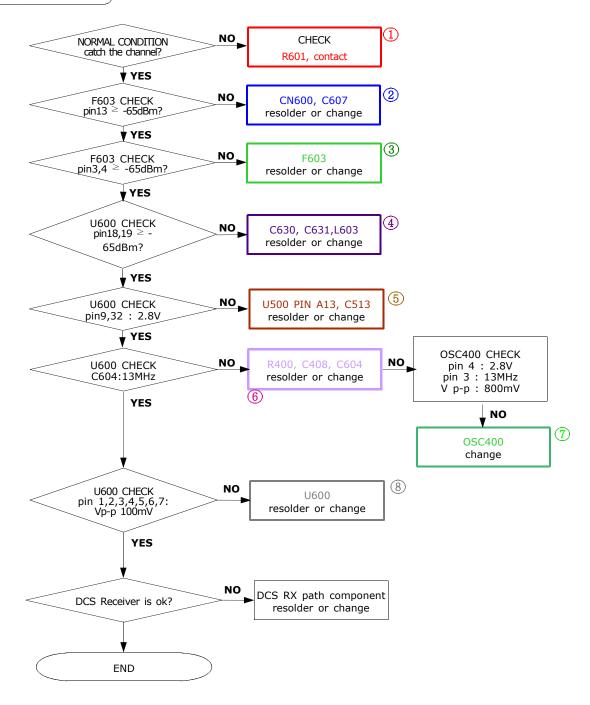
CONTINUOS RX ON RF INPUT : 62CH Cell power : -50dBm

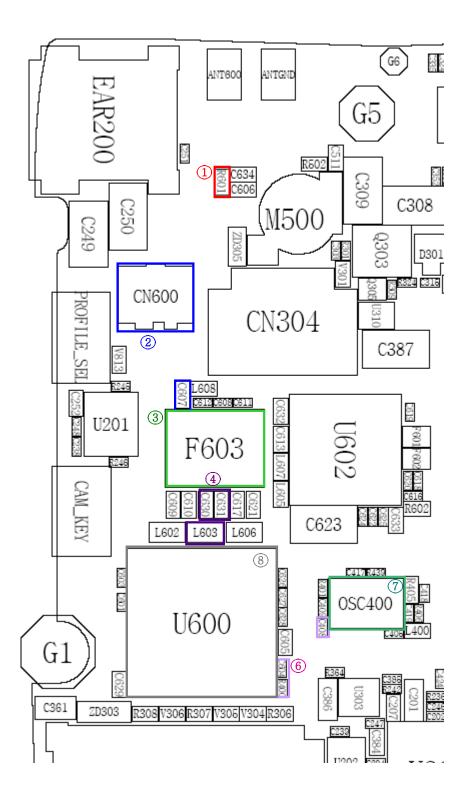




2-2-2. DCS Receiver

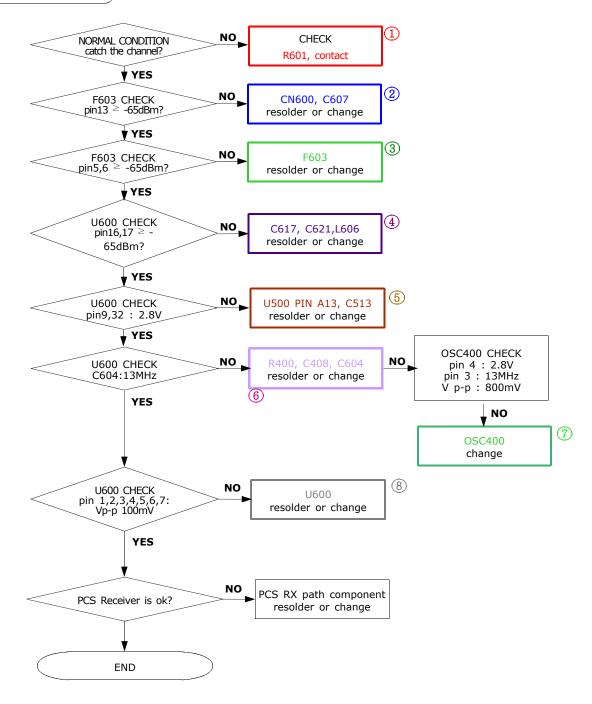
CONTINUOS RX ON RF INPUT: 698CH Cell power: -50dBm

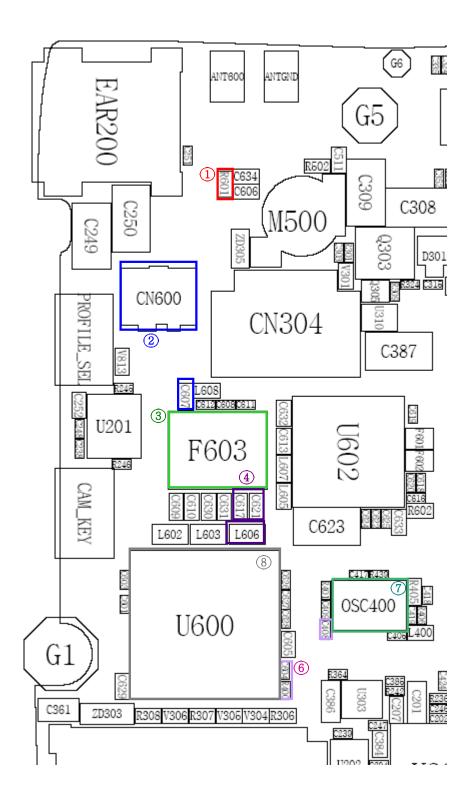




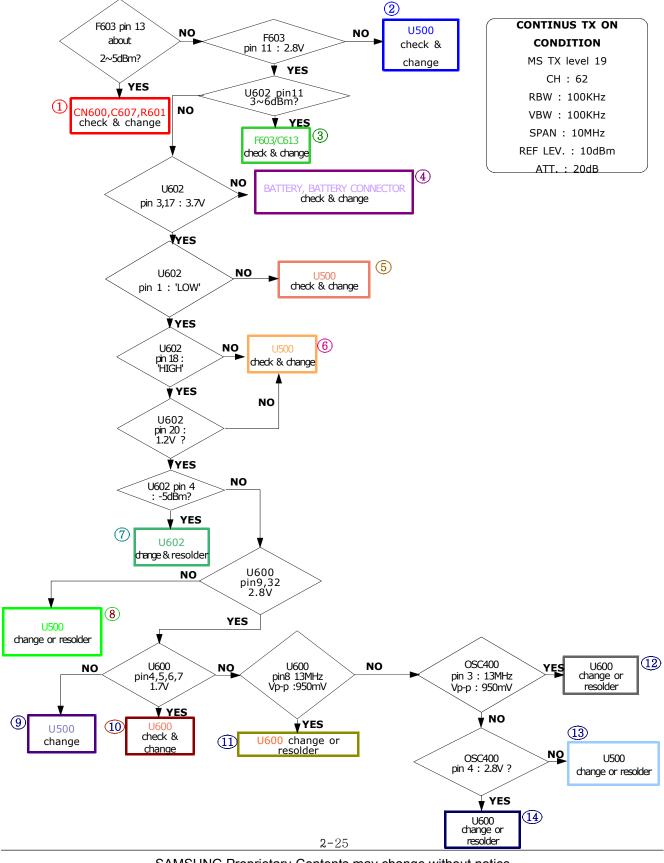
2-2-3. PCS Receiver

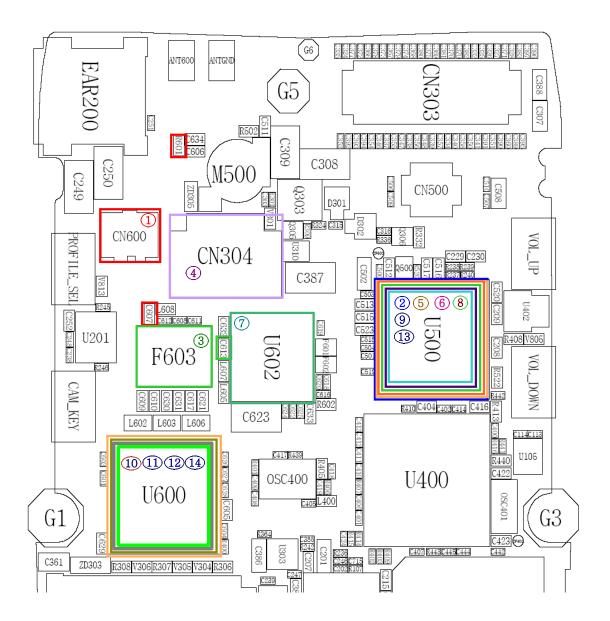
CONTINUOS RX ON RF INPUT : 698CH Cell power : -50dBm



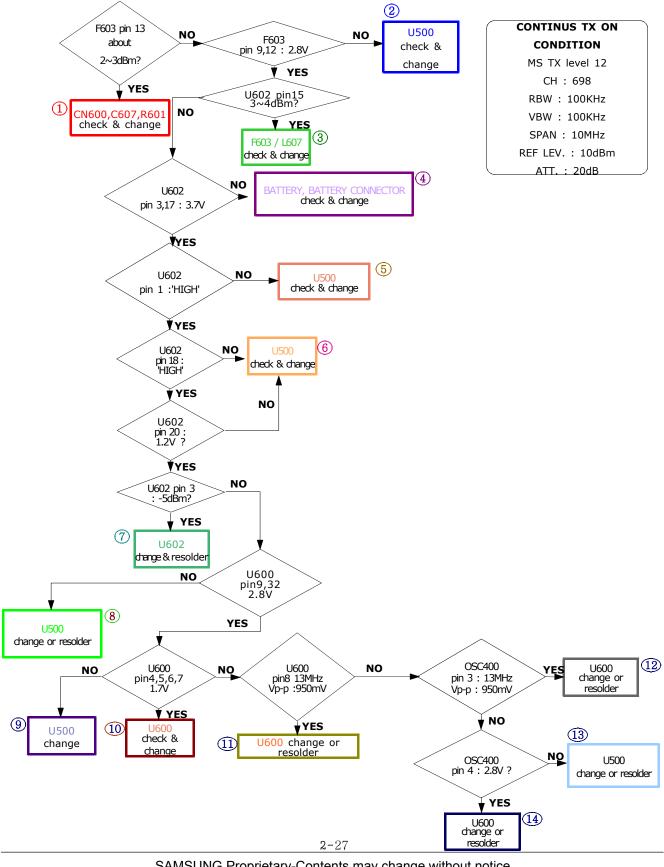


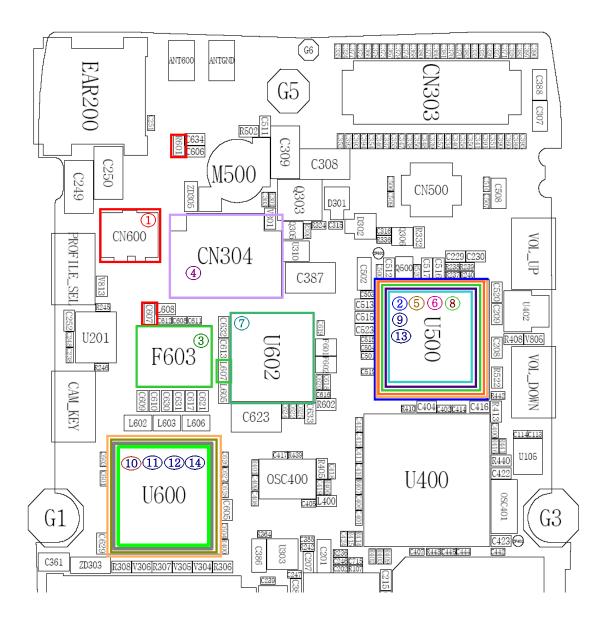
2-2-4. GSM Transmitter



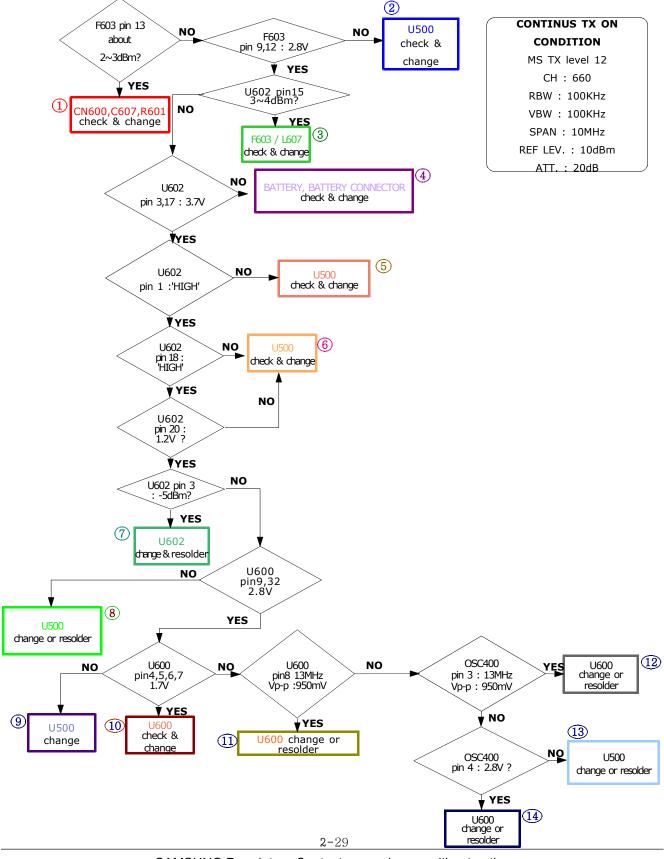


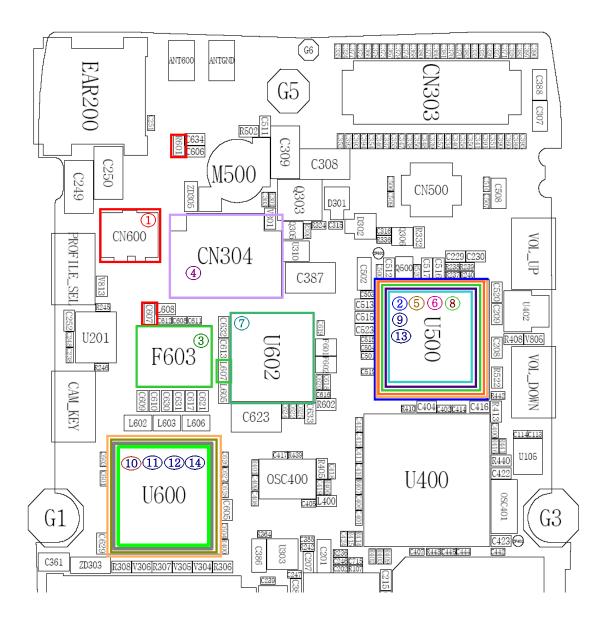
2-2-5. DCS Transmitter

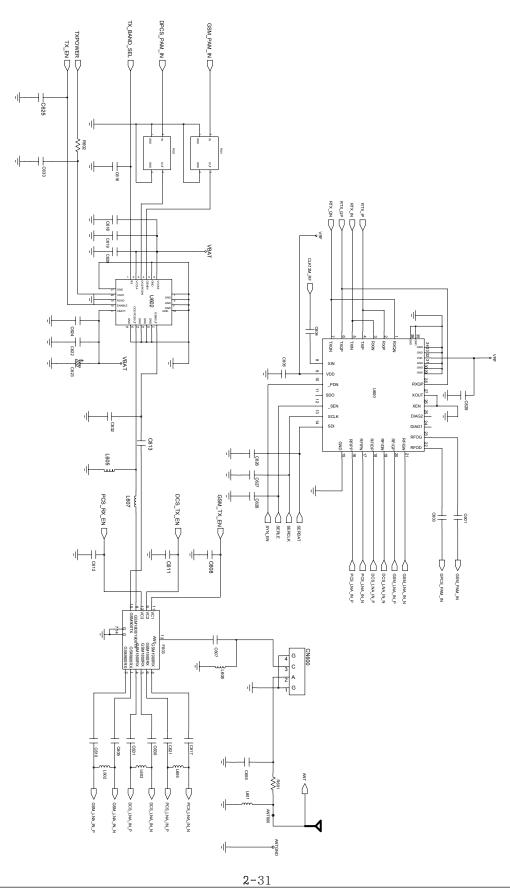




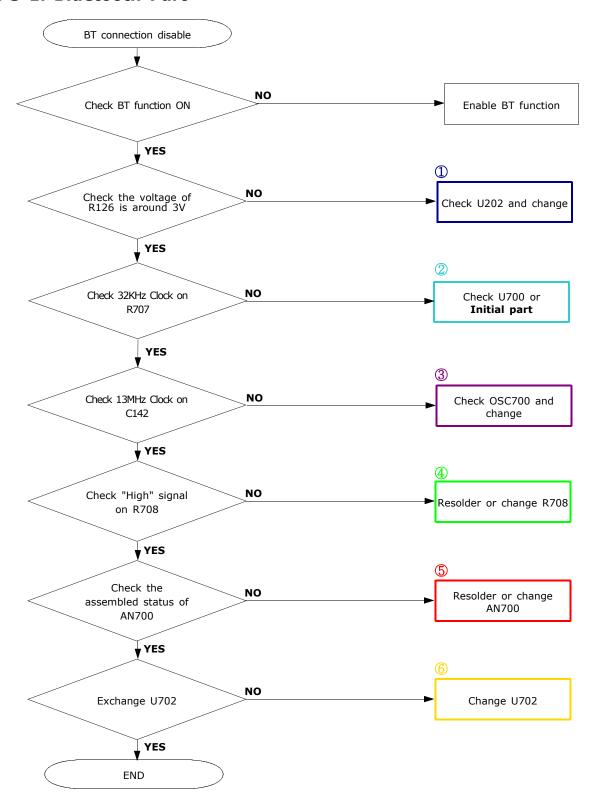
2-2-6. PCS Transmitter

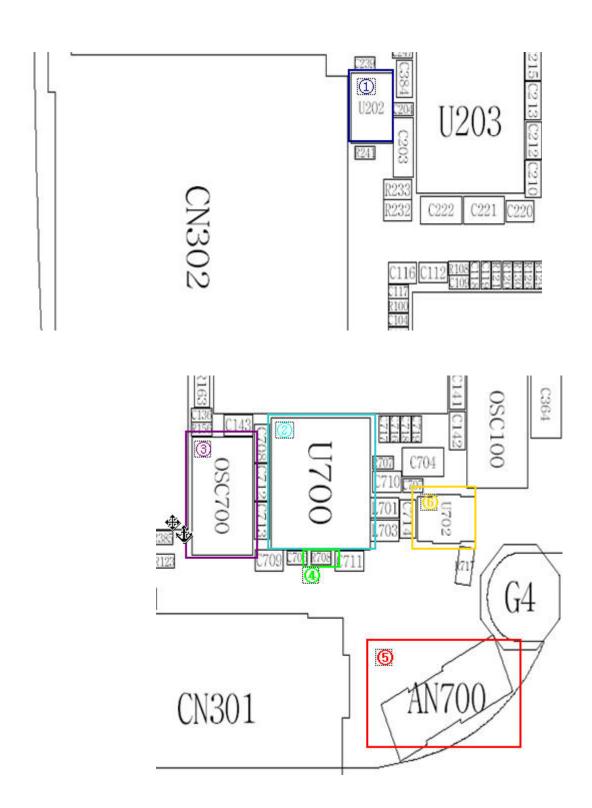


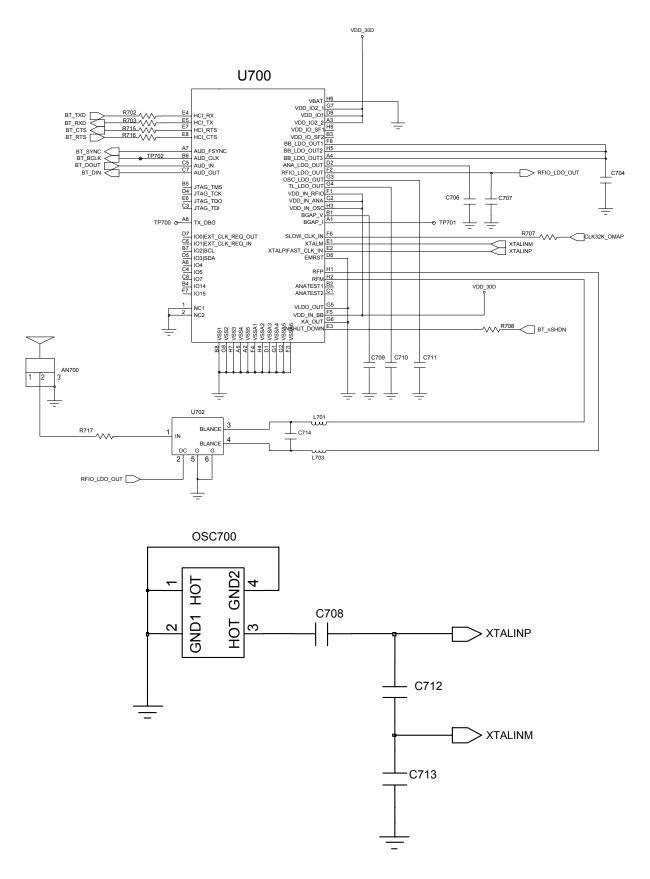




2-3-1. Bluetooth Part

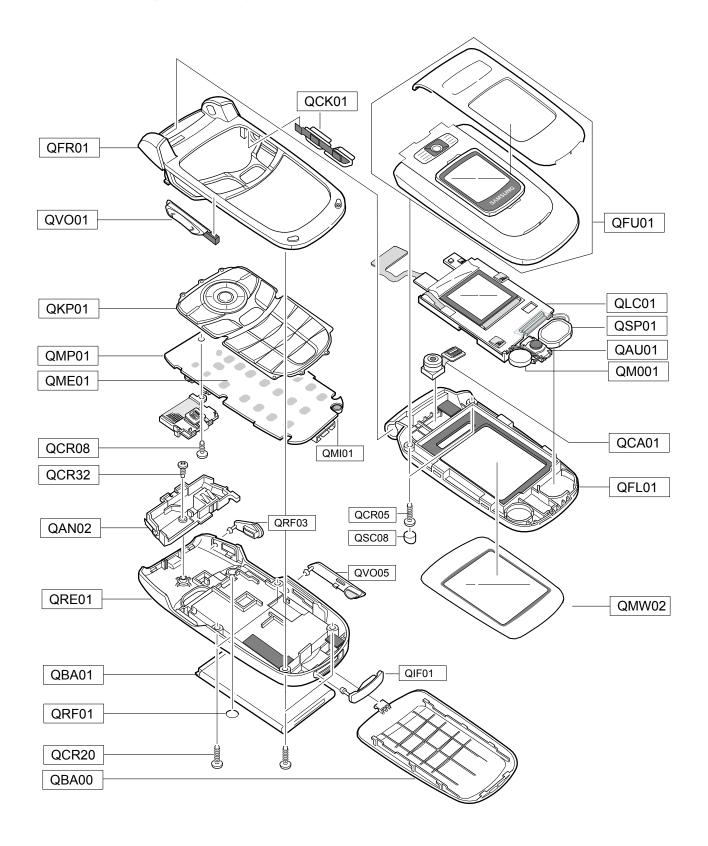






3. SGH-D730 Exploded View and Parts List

3-1. Cellular phone Exploded View



3-2. Cellular phone Parts list

21 Centalar priorie i arto not			
Location I	No	Desciption	SEC CODE
QAN02		INTENNA-SGHD730;IAPT0CSP4020SAB,SGH-	GH42-00606A
QAU01		AUDIO-RECEIVER;32ohm,109dB,12X7.0MM	3009-001086
QBA00		PMO-BATTERY COVER;SGH-D730,PC,ING/BL	GH72-20993A
QBA01		BATTERY-1000MAH,BLACK,ENG,M;BEX310AB	GH43-02018A
QCA01		UNIT-CAMERA;SGH-D730,IC03056AA,-,ITA	GH59-02167A
QCK01		MEC-KEY CAM PRO;SGH-D730,EU,PC,-,-,-	GH75-06706A
QCR05		SCREW-MACHINE;PH,+,M1.4,L3,ZPC(BLK),	6001-001478
QCR08		SCREW-MACHINE;CH,+,M1.4,L3,BLK,SWRCH	6001-001456
QCR20		SCREW-MACHINE;BH,+,M1.7,L3.5,NYLOCK,	6001-001429
QCR32		SCREW-MACHINE;CH,+,M1.4,L2,ZPC(BLK),	6001-001700
QFL01		MEC-F/LOWER;SGH-D730,OPEN,-,-,ING/BL	GH75-06698A
QFR01		MEC-FRONT COVER;SGH-D730,OPEN,-,-,IN	GH75-06699A
QFU01		MEC-SUB F/UPPER CASE;SGH-D730,OPEN,P	GH75-06697A
QKP01		MEC-KEYPAD;SGH-D730,OPEN,-,-,D/GRY,-	GH75-06707A
QLC01		LCD-SGHD730 MODULE;LTD190QC-F0E,SGH-	GH07-00724A
QME01		UNIT-METAL DOME;SGH-D730,SGH-D730 F/	GH59-02217A
QMI01		MICROPHONE-ASSY;2,500uA,-38dB,2.2,SG	GH30-00197A
QMO01		MOTOR DC-SGHD730;DMJBRK30C,SGH-D730,	GH31-00173A
QMP01		PBA MAIN-SGHD730;SGH-D730,XEG,GERM,P	GH92-02082A
QMW02		PMO-MAIN WINDOW V2;SGH-D730,ACRYL,-,	GH72-23768A
QRF01		MPR-TAPE RF COVER;SGH-D730,PC SHEET,	GH74-13888A
QSC08		RMO-SCREW CAP;SGH-D730,URETHAN,-,-,-	GH73-04720A
QSP01		SPEAKER;0.5W,8ohm,89dB,800Hz,17X13mm	3001-001774
QVO01		MEC-KEY VOLUME;SGH-D730,EU,PC,-,-,-,	GH75-06705A
QRE01		MEC-REAR COVER;SGH-D730,OPEN,-,-,SIL	GH75-06700A
QRI	F03	PMO-EAR JACK COVER;SGH-D730,PC+URETH	GH72-21001A
QIF	F01	PMO-IF JACK COVER;SGH-D730,PC+URETHA	GH72-21002A
QV	005	MEC-MMC COVER;SGH-D730,OPEN,-,-,SIL,	GH75-06702A

Desciption	SEC CODE
BAG PE;LDPE,T0.05,W80,L180,TRP,-,-	6902-000634
CBF INTERFACE-PC DATA CABLE;SGH-E530	GH39-00404A
CHARGER-SGHE880 TC;TCH237ESE,SGH-E88	GH44-00861A
S/W UTILITY-SGHD730 MASTER CD;SGH-D7	GH46-00160A
S/W CD-USER MANUAL GUIDE;SGH-D730,SG	GH46-00165A
UNIT-EARPHONE;SGH-i270,EM-SS550E-ST,	GH59-01543A
UNIT-SIM SOCKET ASSY;SGH-D730,YWGD73	GH59-02230A
LABEL(P)-WATER SOAK;COMM,NORGE,100G,	GH68-02026A
MANUAL-WEEE CARD;COMM,SEC,ENGLISH,UN	GH68-07013A
LABEL(R)-MAIN (EU);SGH-D730,XET,MAT,	GH68-07443A
MANUAL-QRG;SGH-D730,XEG,GERMAN,GERM,	GH68-07766A
BOX(P)-UNIT (EU);SGH-D730,SC300+F(KO	GH69-03078A
CUSHION-CASE (EU);SGH-D730,HIPS,T1.0	GH69-03127A
MPR-BOHO FPCB FIX;SGH-E610,ST-5543,8	GH74-11231A
MPR-LCD SHIELD TAPE A;SGH-D730,SHIEL	GH74-13893A
MPR-LCD SHIELD SPONGE 2;SGH-D730,SHI	GH74-13979A
MPR-TAPE LCD INSULATION;SGH-D730,3M	GH74-14571A
MPR-TAPE FRONT FPCB;SGH-D730,3M 1352	GH74-14849A
MPR-BOHO VINYL UPPER B;SGH-D730,ST 5	GH74-14851A
MPR-BOHO VINYL LOWER A;SGH-D730,ST 5	GH74-14852A
MPR-BOHO VINYL MA WIN B;SGH-D730,ST	GH74-14855A
MPR-LCD SHIELD SPONGE 3;SGH-D730,SHI	GH74-15223A
MPR-TAPE PCB INSULATION;SGH-D730,3M	GH74-15779A
MPR-LUGHT MASK SPONGE A;SGH-D730,SRS	GH74-17170A
MPR-LUGHT MASK SPONGE B;SGH-D730,SRS	GH74-17171A
MPR-BOHO VINYL MAIN WIN;SGH-D730,PVC	GH74-17514A
MPR-BOHO VINYL DUAL WIN;SGH-D730,PVC	GH74-17515A

3-3. Test Jig (GH80-03309A)



3-3-1. RF Test Cable (GH39-00283A)



3-3-2. DATA CABLE (GH39-00404A)



3-3-3. Serial Cable



3-3-4. Power Supply Cable



3-3-5. Test Cable (GH39-00382A)



3-3-6. TC (GH44-00861A)



4. SGH-D730 MAIN Electrical Parts List

SEC Code	Design LOC	Design LOC
ZD303,ZD304	0403-001387	DIODE-ZENER
ZD302	0403-001427	DIODE-ZENER
ZD306	0406-001197	DIODE-TVS
D301,D302	0407-001002	DIODE-ARRAY
U300	0407-001038	DIODE-ARRAY
Q801	0501-002202	TR-SMALL SIGNA
Q101,Q305,Q30 6,Q307	0504-001113	TR-DIGITAL
Q500	0504-001113	TR-DIGITAL
Q102	0504-001140	TR-DIGITAL
U305	0504-001176	TR-DIGITAL
Q303	0505-001165	FET-SILICON
Q308	0505-001217	FET-SILICON
LED802,LED803, LED804	0601-001819	LED
LED805,LED806, LED807	0601-001819	LED
LED808,LED809, LED810	0601-001819	LED
LED811,LED812, LED813	0601-001819	LED
LED814,LED815, LED816	0601-001819	LED
LED817,LED818, LED819	0601-001819	LED
LED820	0601-001819	LED
U103	0801-002882	IC
U100	0904-001916	IC
U202	1001-001193	IC
U201	1001-001261	IC
U306	1009-001018	IC
U602	1201-002218	IC
U105	1203-002976	IC
U500	1203-003304	IC
U600	1205-002433	IC
U402	1209-001219	IC
U309	1209-001585	IC
VR203,VR204	1405-001082	VARISTOR
V801	1405-001108	VARISTOR

SEC Code	Design LOC	Design LOC
U703,V301,V302,		
V802	1405-001082	VARISTOR
V803,V804,V805,	1405 001002	VADICTOR
V806	1405-001082	VARISTOR
V807,V808,V809,	1405-001082	VARISTOR
V810	1403-001062	VARISTOR
V811,V812,V813,	1405-001082	VARISTOR
VR200	1403 001002	VARISTOR
V303,V304,V305,	1405-001138	VARISTOR
V306	1103 001130	7,11,13,13,1
R707	2007-000138	R-CHIP
R405	2007-000142	R-CHIP
R308,R383,R708	2007-000148	R-CHIP
R223,R302,R332,	2007-000162	R-CHIP
R364		
R522	2007-000162	R-CHIP
R166	2007-000167	
R113,R114,R408	2007-000170	R-CHIP
R226,R227,R232, R233	2007-000171	R-CHIP
R440,R601,R717	2007-000171	R-CHIP
R243,R244	2007-001119	R-CHIP
R502	2007-001319	R-CHIP
R222	2007-001339	R-CHIP
R406	2007-002797	R-CHIP
R602	2007-00701 4	R-CHIP
R306,R307	2007-007021	R-CHIP
R414,R415	2007-007573	R-CHIP
R160	2007-007590	R-CHIP
R168,R400,R823,	2007-008045	D CHID
R824	2007-006045	R-CHIP
R825,R826,R827,	2007 000045	D CHID
R828	2007-008045	R-CHIP
R829,R830,R831, R832	2007-008045	R-CHIP
R833,R834,R835,	2007-008045	R-CHIP
R838 R839,R840,R841, R842	2007-008045	R-CHIP

SEC Code	Design LOC	Design LOC
R843	2007-008045	R-CHIP
R241,R242	2007-008048	R-CHIP
R147,R148,R165	2007-008052	R-CHIP
R108,R122,R123,	222 2225	D 0117D
R156	2007-008055	R-CHIP
R309,R324,R339,	222 2225	D 0117D
R380	2007-008055	R-CHIP
R382,R401,R407,	2007 000055	D. CLUED
R410	2007-008055	R-CHIP
R362	2007-008401	R-CHIP
R129,R367,R368,	2007 000410	D. CLIID
R369	2007-008419	R-CHIP
R375,R376,R377,	2007 000410	D CUID
R836	2007-008419	R-CHIP
R325	2007-008478	R-CHIP
R236,R303,R304,	2007-008483	R-CHIP
R361	2007-006463	к-спір
R378,R402,R403,	2007-008483	R-CHIP
R409	2007-006463	K-CHIP
R109,R110,R111,	2007-008516	R-CHIP
R112	2007-008310	K-CHIF
R139,R144,R154,	2007-008516	R-CHIP
R238	2007-000310	K-CHI
R239,R301,R336,	2007-008516	R-CHIP
R337	2007-000310	K-CHI
R341,R404,R416,	2007-008516	R-CHIP
R439	2007-000310	K-CHI
R441,R520	2007-008516	R-CHIP
R100,R164	2007-008531	R-CHIP
R107,R121,R130,	2007-008542	R-CHIP
R155	2007 000542	K CHI
R370,R371,R372,	2007-008542	R-CHIP
R373	2007 000542	01111
R374,R381,R501,	2007-008542	R-CHIP
R702		
R703,R715,R716	2007-008542	R-CHIP
R220,R221,R230,	2007-008588	R-CHIP
R231		
R342	2007-008648	R-CHIP
R163	2007-008812	R-CHIP

SEC Code	Design LOC	Design LOC
F601,F602	2011-001363	R-NETWORK
C511	2203-000233	C-CERAMIC,CHIP
C120,C629	2203-000278	C-CERAMIC,CHIP
C633	2203-000311	C-CERAMIC,CHIP
C144,C145,C712	2203-000386	C-CERAMIC,CHIP
C713	2203-000425	C-CERAMIC,CHIP
C235,C236,C240,	2202 000420	
C708	2203-000438	C-CERAMIC,CHIP
C613	2203-000550	C-CERAMIC,CHIP
C422,C423	2203-000628	C-CERAMIC,CHIP
C141,C142	2203-000643	C-CERAMIC,CHIP
C607	2203-000995	C-CERAMIC,CHIP
C233	2203-001239	C-CERAMIC,CHIP
C630,C631	2203-001385	C-CERAMIC,CHIP
C605	2203-001405	C-CERAMIC,CHIP
C617,C621	2203-005050	C-CERAMIC,CHIP
C609,C610	2203-005288	C-CERAMIC,CHIP
C424	2203-005480	C-CERAMIC,CHIP
C302,C317,C385	2203-005482	C-CERAMIC,CHIP
C714	2203-005552	C-CERAMIC,CHIP
C231,C232,C234,	2203-005682	C-CERAMIC,CHIP
C241	2203-003082	C-CLRAMIC,CITIP
C246,C247,C248,	2203-005682	C-CERAMIC,CHIP
C324	2203-003002	C-CLIVAPITC, CHIF
C325,C326,C327,	2203-005682	C-CERAMIC,CHIP
C328	2203 003002	C CLIVAPITC, CHII
C335,C337,C338,	2203-005682	C-CERAMIC,CHIP
C339	2203 003002	C CEIVINIC, CITI
C340,C341,C346,	2203-005682	C-CERAMIC,CHIP
C347	2203 003002	C CEIVII II C, CI III
C348,C350,C351,	2203-005682	C-CERAMIC,CHIP
C352		0 02.0
C354,C355,C356,	2203-005682	C-CERAMIC,CHIP
C357		
C358,C360,C366,	2203-005682	C-CERAMIC,CHIP
C367		•
C368,C369,C370,	2203-005682	C-CERAMIC,CHIP
C371		
C372,C373,C374,	2203-005682	C-CERAMIC,CHIP
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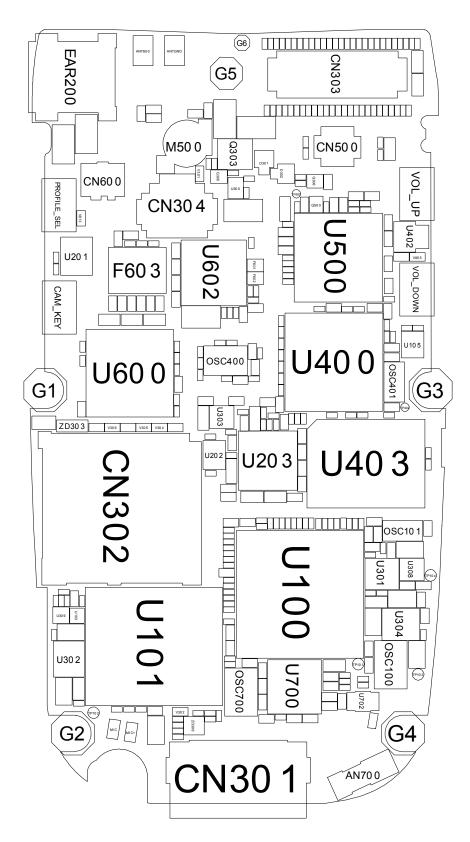
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C376,C377,C378,		
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C380,C381,C382,	2202 005692	C CEDAMIC CHID
C383	2203-005682	C-CERAMIC,CHIP
C389,C390,C391,	2202 005692	C CEDAMIC CHID
C392	2203-005682	C-CERAMIC,CHIP
C393,C394,C395,	2203-005682	C-CERAMIC,CHIP
C396		0 0210 11 120/01121
C397,C410,C506,	2203-005682	C-CERAMIC,CHIP
C509		0 0210 11 120/01121
C510,C603,C616,	2203-005682	C-CERAMIC,CHIP
C625		0 0210 11 120/01121
C715	2203-005682	C-CERAMIC,CHIP
C303,C604,C608,	2203-005736	C-CERAMIC,CHIP
C611		
C612,C618,C624,	2203-005736	C-CERAMIC,CHIP
C626		,
C627,C628	2203-005736	C-CERAMIC,CHIP
C101,C102,C105,	2203-005806	C-CERAMIC,CHIP
C111		,
C119,C315,C316, C418	2203-005806	C-CERAMIC,CHIP
C304	2203-006090	C-CERAMIC,CHIP
C107,C112,C116,		
C143	2203-006093	C-CERAMIC,CHIP
C207,C208,C209,	2202 006002	C CEDANIC CUID
C210	2203-006093	C-CERAMIC,CHIP
C212,C213,C215,	2202 006002	C CEDAMIC CHID
C220	2203-006093	C-CERAMIC,CHIP
C318,C384,C512,	2203-006093	C-CERAMIC,CHIP
C513	2203 000033	C CEIVATIC, CITI
C515,C516,C517,	2203-006093	C-CERAMIC,CHIP
C520		C CEIV II II C/CI III
C523,C711	2203-006093	C-CERAMIC,CHIP
C245	2203-006137	C-CERAMIC,CHIP
C229,C230,C404,	2203-006190	C-CERAMIC,CHIP
C416		
C113,C238,C239,	2203-006194	C-CERAMIC,CHIP
C332		,
C619,C622	2203-006194	C-CERAMIC,CHIP

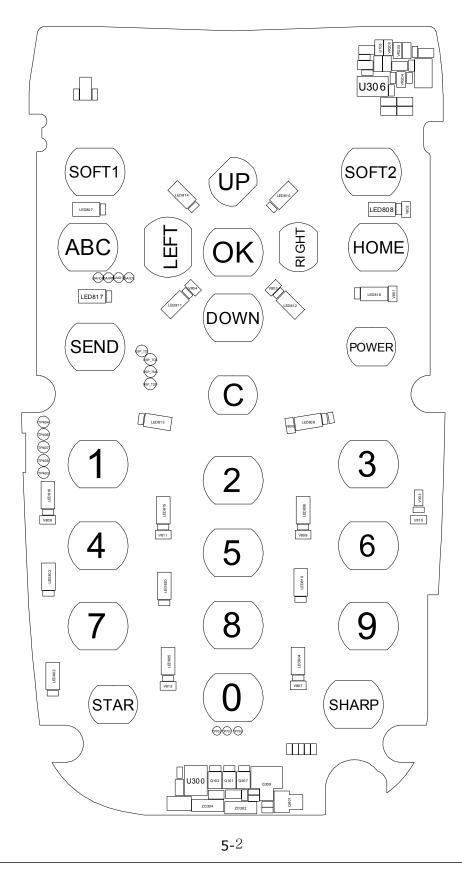
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C405,C408,C409,	2203-006194	C-CERAMIC,CHIP
C411	2203-000194	C-CLRAMIC,CITIP
C412,C413,C414,	2203-006194	C-CERAMIC,CHIP
C417	2203 000154	C CLIVAPIIC, CITII
C419,C445,C500,	2203-006194	C-CERAMIC,CHIP
C504		C CEIV II II C/CI III
C221,C222,C365,	2203-006208	C-CERAMIC,CHIP
C704		,
C709,C710	2203-006257	C-CERAMIC,CHIP
C307,C388,C508	2203-006324	C-CERAMIC,CHIP
C242	2203-006344	C-CERAMIC,CHIP
C100,C103,C104,	2203-006423	C-CERAMIC,CHIP
C106		
C108,C109,C110,	2203-006423	C-CERAMIC,CHIP
C114		,
C115,C117,C118,	2203-006423	C-CERAMIC,CHIP
C121		,
C136,C137,C140,	2203-006423	C-CERAMIC,CHIP
C202		
C204,C305,C322,	2203-006423	C-CERAMIC,CHIP
C323		
C398,C399,C406,	2203-006423	C-CERAMIC,CHIP
C441 C442,C443,C444,		
C501	2203-006423	C-CERAMIC,CHIP
C503,C507,C518,		
C519	2203-006423	C-CERAMIC,CHIP
C620,C706,C707	2203-006423	C-CERAMIC,CHIP
C319,C320,C364	2203-006427	C-CERAMIC,CHIP
C601	2203-006556	C-CERAMIC,CHIP
C407	2203-006648	C-CERAMIC,CHIP
C308,C309,C387,		
C623	2404-001274	C-TA,CHIP
C249,C250	2404-001306	C-TA,CHIP
C226,C227	2404-001333	C-TA,CHIP
C201,C203,C386,	2404 001201	C TA CLUD
C502	2404-001381	C-TA,CHIP
C310	2404-001392	C-TA,CHIP

SEC Code	Design LOC	Design LOC
C301,C361	2404-001394	C-TA,CHIP
L301	2703-001231	INDUCTOR-SMD
L606	2703-002665	INDUCTOR-SMD
L701,L703	2703-001724	INDUCTOR-SMD
L607	2703-001749	INDUCTOR-SMD
L602	2703-001907	INDUCTOR-SMD
L608	2703-002308	INDUCTOR-SMD
L304	2703-002734	INDUCTOR-SMD
L603	2703-002759	INDUCTOR-SMD
OSC700	2801-004189	CRYSTAL-UNIT
OSC100	2801-004318	CRYSTAL-UNIT
055400	2000 001204	OSCILLATOR-
OSC400	2809-001284	VCTCXO
1202 1205 1400	2201 001 524	CORE-FERRITE
L303,L305,L400	3301-001534	BEAD
CAM_KEY,PROFI	3404-001152	CWITCH TACT
LE_SEL	3404-001152	SWITCH-TACT
VOL_DOWN,VOL	2404 001152	CWITCH TACT
_UP	3404-001152	SWITCH-TACT
CN600	3705-001358	CONNECTOR-
CIVOU	3703-001336	COAXIAL
CN304	3711-005571	CONNECTOR-
CN304	3/11-0055/1	HEADER
CN500	3711-005550	CONNECTOR-HE
CN300	3/11-003330	ADER
EAR200	3722-002082	JACK-PHONE
M500	4302-001130	BATTERY
U400	GH09-00036A	TR09WQTKE15IN
0400	G1109-00030A	3B-DT
U700	new item1	BRF6150
OSC101,OSC401	new item2	CC7V-T1A-32.76
030101,030401	new itemz	8K
U702	new item3	DBF71B001
CN301	new item4	HF24-AD0100
F603	new item5	LMSP54HA-
. 555		348TEMP
U403	new item6	LRS18C8A
R837	new item7	MCR006MZP5F56
1.037		01
R363	new item9	MCR01F4303

SEC Code	Design LOC	Design LOC
D227 D240	new item8	MCR006YZPF
R237,R240	new itemo	3302
U303,U308	new item10	MIC5255-3.0BML
AN700	new item11	PARTRON-D500
CN202	42	PGS010-
CN302	new item12	20A103194
U301	new item13	PST425A160NR
111.01		PF38F4470
U101	new item14	LLYFHQ
U302	new item15	TPS62222
U304	new item16	TPS62300DRC
U203	new item17	WM8753-BGA
CN303	new item18	AXK8L60125S

5. SGH-D730 PCB Diagrams





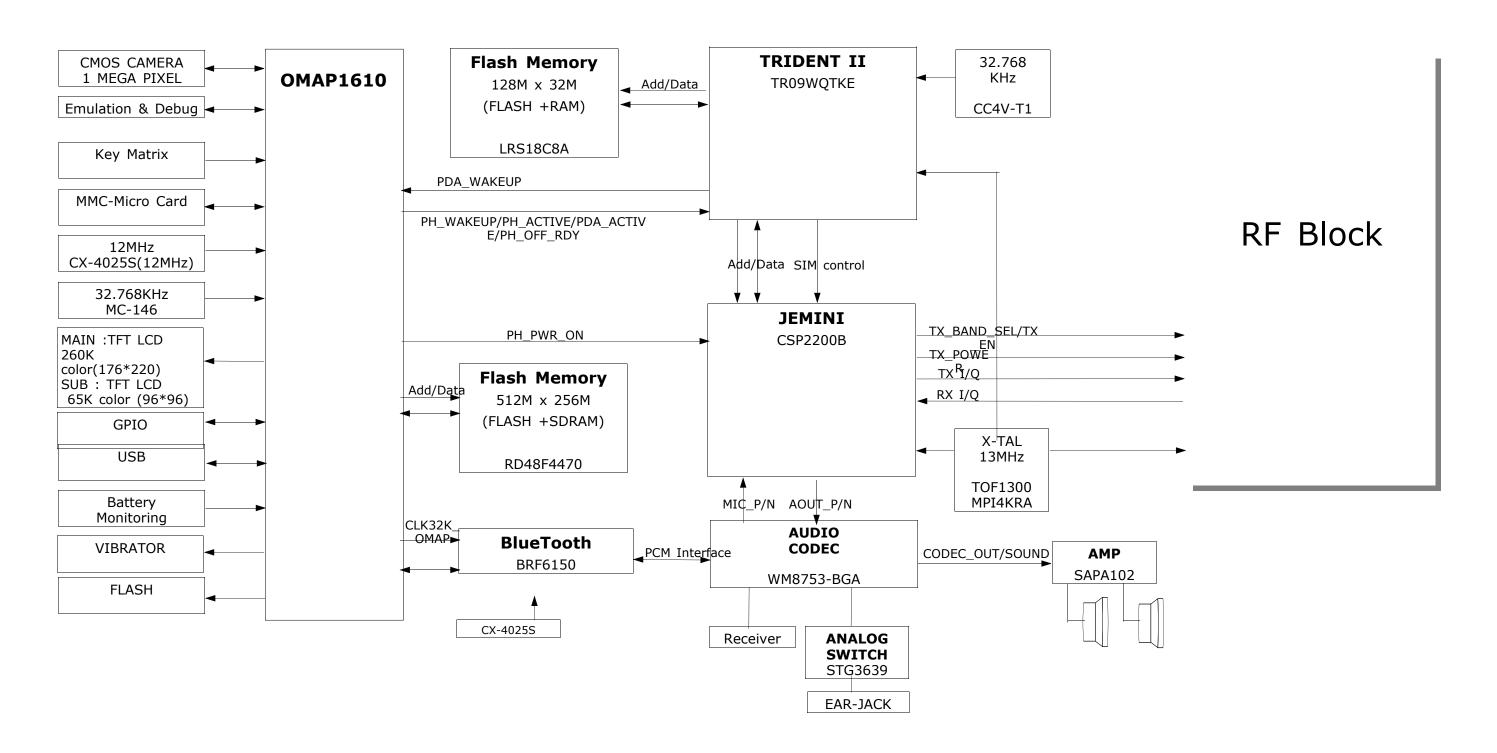
6. SGH-D730 Block Diagrams **RF PART** CSP2200B GSM:925MHz~960MHz TRIDENT II (GEMINI) ADC Ι **Antenna** DCS:1805MHz~1880MHz ▶PGA DAC CHANNEL BASE BAND FILTER Q DAC PCS:1930MHz~1990MHz DSP16000 100KHz 1 / 2 **SI4205** FEM LMSP54HA-348 SERIAL DATA **ARM7TDMI** GSM:890MHz~915MHz INTERFACE DCS:1710MHz~1785MHz PCS:1850MHz~1910MHz DET Ι PAM SKY77328 **OMAP1610** Q TX VCO TOF1300MPI4KRA (13MHz) MultiMedia Processor CLK AFC IF RF PLL PLL **TXPOWER**

6-1

UI

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BB PART



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