

SAMSUNG

GSM TELEPHONE
SGH-V205

SERVICE *Manual*

GSM TELEPHONE

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1. SGH-V205 Specification

1. GSM General Specification

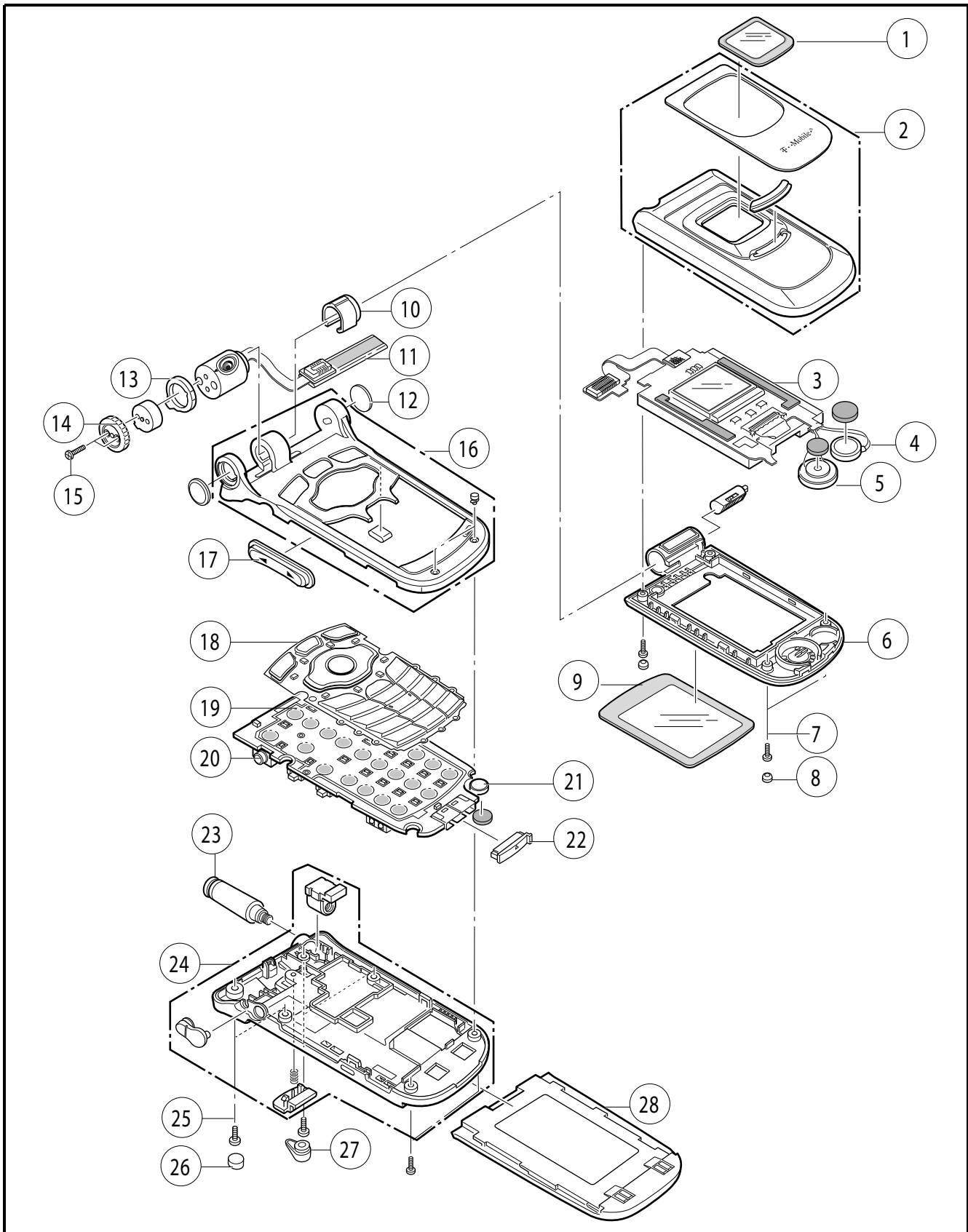
	GSM900 Phase 1	EGSM 900 Phase 2	DCS1800 Phase 1	PCS1900
Freq. Band[MHz] Uplink/Downlink	890~915 935~960	880~915 925~960	1710~1785 1805~1880	1850~1910 1930~1990
ARFCN range	1~124	0~124 & 975~1023	512~885	512~810
Tx/Rx spacing	45MHz	45MHz	95MHz	80MHz
Mod. Bit rate/ Bit Period	270.833kbps 3.692us	270.833kbps 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	0pcl ~ 15pcl	0pcl ~ 15pcl
Sensitivity	-102dBm	-102dBm	-100dBm	-100dBm
TDMA Mux	8	8	8	8
Cell Radius	35Km	35Km	2Km	-

2. GSM TX power class

TX Power control level	GSM900	TX Power control level	DCS1800	TX Power control level	PCS1900
5	33 ±2 dBm	0	30 ±3 dBm	0	30 ±3 dBm
6	31 ±2 dBm	1	28 ±3 dBm	1	28 ±3 dBm
7	29 ±2 dBm	2	26 ±3 dBm	2	26 ±3 dBm
8	27 ±2 dBm	3	24 ±3 dBm	3	24 ±3 dBm
9	25 ±2 dBm	4	22 ±3 dBm	4	22 ±3 dBm
10	23 ±2 dBm	5	20 ±3 dBm	5	20 ±3 dBm
11	21 ±2 dBm	6	18 ±3 dBm	6	18 ±3 dBm
12	19 ±2 dBm	7	16 ±3 dBm	7	16 ±3 dBm
13	17 ±2 dBm	8	14 ±3 dBm	8	14 ±3 dBm
14	15 ±2 dBm	9	12 ±4 dBm	9	12 ±4 dBm
15	13 ±2 dBm	10	10 ±4 dBm	10	10 ±4 dBm
16	11 ±3 dBm	11	8 ±4dBm	11	8 ±4dBm
17	9 ±3dBm	12	6 ±4 dBm	12	6 ±4 dBm
18	7 ±3 dBm	13	4 ±4 dBm	13	4 ±4 dBm
19	5 ±3 dBm	14	2 ±5 dBm	14	2 ±5 dBm
		15	0 ±5 dBm	15	0 ±5 dBm

2. SGH-V205 Exploded View and its Parts list

1. Cellular phone Exploded View



2. Cellular phone Parts list

Location NO.	Description	SEC CODE	Remark
1	DUAL WINDOW LCD	GH72-03934A	
2	FOLDER UPPER	GH75-02355A	
3	LCD	GH07-00253A	
4	MOTOR	3101-001295	
5	SPEAKER	3001-001297	
6	FOLDER LOWER	GH75-02354A	
7	SCREW	6001-001478	
8	SCREW CAP	GH73-01052A	
9	WINDOW LCD	GH72-05929A	
10	CAMERA KNOB	GH72-03941A	
11	CAMERA FPCB	GH59-00649A	
12	CAMERA SIDE KEY	GH71-00719A	
13	CAMERA PIECE	GH72-03940A	
14	CAMERA KNOB SUS	GH71-00718A	
15	SCREW	6001-001611	
16	FRONT COVER	GH75-02353A	
17	VOLUME KEY	GH75-02358A	
18	KEYPAD	GH75-02356A	
19	DOME SHEET	GH59-00629A	
20	MAIN PBA	GH92-01301A	
21	MIC	GH59-00626A	
22	CONNECTOR COVER	GH73-01069A	
23	ANTENNA	GH42-00248A	
24	REAR COVER	GH75-02357A	
25	SCREW	6001-001478	
26	SCREW CAP	GH73-01576A	
27	RF COVER	GH73-01053A	
28	BATTERY	GH43-00719A	700mA
		GH43-00724A	900mA

3. Test Jig (GH80-00865A)



3-1. RF Test Cable
(GH39-00090A)



3-2. Test Cable
(GH39-00127A)



3-3. Serial Cable



3-4. Power Supply Cable



3-5. DATA CABLE
(GH39-00159A)



3-6. TA
(GH44-00184G)



3. SGH-V205 MAIN Electrical Parts List

Level	SEC Code	Design LOC	Descriptions
0	GH92-01301A	-	PBA MAIN-SGHV200;SGH-V200,XEF,FRAN,-,-
1	GH09-00020A	U601	IC MICOM-SGHS100;TR09WQTEB17IN2B-DB,
1	GH13-00012A	U1101	SSH275,SCH-X590,96P,3V,-30TO+70C,FBGA
1	GH71-00434A	ANT1	NPR-ANT CONTACT;SCH-X210,ST,T0.2,-,-
1	0404-001172	D1101,D1102,D1103	RB520S-30,30V,200MA,SOD-523,TP
1	0406-001083	ZD300,ZD301	-,6.1/-/7.2V,150W,SOT-323-5L
1	0406-001152	ZD302	SD05,6/-/-/,350W,SOD-323
1	0501-000225	Q400	TR-SMALL SIGNAL;2SC4617,NPN,200mW,EM
1	0502-001201	Q101	ZXT13P20DE6,PNP,1100MW,SOT-23-6,TP,30
1	0504-001042	U701,U702,U703	TR-DIGITAL;BCR10PN,NPN/PNP,250mW,10K/
1	0504-000168	Q100	TR-DIGITAL;RN1104,NPN,100MW,47K/47K,SS
1	0506-001052	U102	UMH9N,NPN,2,150MW,SC-88,TP,68-
1	0601-001547	LED801,LED802,LED803	LED;CHIP,BLUE,1.1X0.8MM,468NM
1	0601-001547	LED804,LED805,LED806	LED;CHIP,BLUE,1.1X0.8MM,468NM
1	0601-001547	LED807,LED808,LED809	LED;CHIP,BLUE,1.1X0.8MM,468NM
1	0601-001547	LED810,LED811	LED;CHIP,BLUE,1.1X0.8MM,468NM
1	0601-001547	LED813,LED814,LED815	LED;CHIP,BLUE,1.1X0.8MM,468NM
1	0601-001547	LED816,LED817,LED818	LED;CHIP,BLUE,1.1X0.8MM,468NM
1	0601-001547	LED819,LED820,LED821	LED;CHIP,BLUE,1.1X0.8MM,468NM
1	0604-001146	LED200	PHOTO-IRDA;- ,875NM,500MW,30DEG,TP
1	0801-000796	U1105,U1108,U1109	7S32,ORGATE,SOT-353,5P,63MIL,SINGLE,TP,
1	0801-002212	U1110	7S02,NORGATE,SC-70,5P,49MIL,SINGLE,TP,-
1	0801-002727	U1107,U1111,U1112	27WZ04,INVERTOR,SOT-363,6P,5.3MIL,DUAL.
1	1001-001183	U400	MAX4684,TSSOP,- ,10P,114MIL,DUAL,3.3V,-4
1	1009-001010	U802	IC-HALL EFFECT S/W;A3212ELH-SAMSUNG,
1	1109-001242	U500	IC-FLASH MEMORY;LRS1395,64M+64M+32M,
1	1201-001889	U1001	IC-POWERAMP;RF3110,10X10mm,-,-,-,-
1	1203-001720	U1104	IC-VOLTAGE REGULATOR;5219,SOT-23,5P,6,
1	1203-002127	U101	1734,SOT-23,6P,150MIL,PLASTIC,4.7/5.3V,1A
1	1203-002568	U100	IC-VOLTAGE REGULATOR;PSC26,MLCC,68P,1
1	1203-002704	U1106	5213,SC-70,5P,2x1.25MM,PLASTIC,2.425/2.5
1	1204-001960	U401	IC-MELODY;YMU762MA-3,QFN,32P,- ,PLASTI
1	1204-001982	U1103	LC99704-VB6,FBGA,89P,7X7MM,PLASTIC,4.6
1	1204-001984	U700	IC-SIGNAL PROCESSOR;CSP1093CR1-RT
1	1205-002185	U900	IC-INTERFACE;SI4201-BM,MLP,20P,4X4MM,- ,
1	1209-001434	U902	IC-PLL/SYNTHESISER;SI4133T-BM,MLP,28P,5

1	1209-001219	U602	IC- SENSOR;LM60C,SOT - 23,3P,115MIL,PLASTI
1	1405-001018	ZD308	VARISTOR;14V, -,1.6x0.8mm,TP
1	1405-001082	ZD303,ZD304,ZD305	VARISTOR;5.6V,20A,1.6x0.8mm,TP
1	1405-001082	ZD306,ZD307,ZD401	VARISTOR;5.6V,20A,1.6x0.8mm,TP
1	1405-001082	ZD402,ZD403,ZD405	VARISTOR;5.6V,20A,1x0.5x0.6mm,TP
1	2203-001259	C432	C-CERAMIC,CHIP;0.008nF,0.5pF,50V,NP0,TP
1	2007-000140	R302,R303,R304,R305	R-CHIP;1Kohm,5%,1/16W,DA,TP,1005
1	2007-000140	R306,R424	R-CHIP;1Kohm,5%,1/16W,DA,TP,1005
1	2007-000141	R407,R420,R802	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1005
1	2007-000144	R701	R-CHIP;5.1Kohm,5%,1/16W,DA,TP,1005
1	2007-000148	R1104	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
1	2007-007142	R111	R-CHIP;10Kohm,1%,1/16W,DA,TP,1005
1	2007-000163	R1101	R-CHIP;120Kohm,5%,1/16W,DA,TP,1005
1	2007-007139	R112	R-CHIP;47Kohm,1%,1/16W,DA,TP,1005
1	2007-001323	R113	R-CHIP;3Kohm,5%,1/16W,DA,TP,1005
1	2007-000148	R402	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
1	2007-000148	R421,R425	R-CHIP;10Kohm,5%,1/16W,DA,TP,1005
1	2007-000157	R300,R301,R602,R600	R-CHIP;47Kohm,5%,1/16W,DA,TP,1005
1	2007-000159	R405,R408,R422	R-CHIP;56Kohm,5%,1/16W,DA,TP,1005
1	2007-000162	R500,R1008	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
1	2007-000162	R607,R415	R-CHIP;100Kohm,5%,1/16W,DA,TP,1005
1	2007-000167	R108	R-CHIP;390Kohm,5%,1/16W,DA,TP,1005
1	2007-000170	R1103,R601	R-CHIP;1Mohm,5%,1/16W,DA,TP,1005
1	2007-000172	R800,R606,R502	R-CHIP;10ohm,5%,1/16W,DA,TP,1005
1	2007-003001	R400,R401	R-CHIP;12ohm,5%,1/16W,DA,TP,1005
1	2007-000172	R104,R200	R-CHIP;10ohm,5%,1/16W,DA,TP,1005
1	2007-000758	R107	R-CHIP;330Kohm,5%,1/16W,DA,TP,1005
1	2007-000164	R403	R-CHIP;150Kohm,5%,1/16W,DA,TP,1005
1	2007-000775	R404,R406	R-CHIP;33Kohm,5%,1/16W,DA,TP,1005
1	2007-000982	R1100	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1005
1	2007-001119	R409	R-CHIP;680ohm,5%,1/16W,DA,TP,1005
1	2007-001288	R1000,R1004	R-CHIP;18ohm,5%,1/16W,DA,TP,1005
1	2007-001301	R1105	R-CHIP;68ohm,5%,1/16W,DA,TP,1005
1	2007-001305	R1110	R-CHIP;120ohm,5%,1/16W,DA,TP,1005
1	2007-001307	R1001,R1005	R-CHIP;180ohm,5%,1/16W,DA,TP,1005
1	2007-001306	R806,R807,R808,R809	R-CHIP;150ohm,5%,1/16W,DA,TP,1005
1	2007-001306	R810,R811,R812,R813	R-CHIP;150ohm,5%,1/16W,DA,TP,1005
1	2007-001306	R814,R815,R816,R826	R-CHIP;150ohm,5%,1/16W,DA,TP,1005

1	2007-001306	R818,R819,R820,R821	R-CHIP;150ohm,5%,1/16W,DA,TP,1005
1	2007-001306	R822,R823,R824,R825	R-CHIP;150ohm,5%,1/16W,DA,TP,1005
1	2007-007405	R801	R-CHIP;560ohm,1%,1/16W,DA,TP,1005
1	2007-001319	R103	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1005
1	2007-001325	R412	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1005
1	2007-001333	R423	R-CHIP;18Kohm,5%,1/16W,DA,TP,1005
1	2007-007008	R1002,R1003,R1006	R-CHIP;300OHM,5%,1/16W,DA,TP,1005
1	2007-007008	R1007	R-CHIP;300OHM,5%,1/16W,DA,TP,1005
1	2007-007142	R603	R-CHIP;10Kohm,1%,1/16W,DA,TP,1005
1	2007-007200	R106,R705,R706	R-CHIP;2.4OHM,5%,1/16W,DA,TP,1005
1	2007-007308	R604,R605	R-CHIP;33Kohm,1%,1/16W,DA,TP,1005
1	2007-007771	R307,R431,R503	R-CHIP;0OHM,5%,1/16W,DA,TP,1005
1	2007-007771	R426,R1106,R1200	R-CHIP;0OHM,5%,1/16W,DA,TP,1005
1	2007-007306	R1109	R-CHIP;100OHM,1%,1/16W,DA,TP,1005
1	2007-007306	R805	R-CHIP;100OHM,1%,1/16W,DA,TP,1005
1	2007-007306	R1111,R1112,R1113	R-CHIP;100OHM,1%,1/16W,DA,TP,1005
1	2203-000233	C700	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005
1	2203-000233	C904,C911,C914,C916	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005
1	2203-000233	C917,C918,C919	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005
1	2203-000233	C615	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005
1	2203-000585	C407,C1137	C-CERAMIC,CHIP;220pF,5%,50V,NP0,TP,100
1	2203-000254	C1100,C1102,C1105	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C1108,C1123,C1126	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C1127,C1128,C1129	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C1130,C1131,C1132	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C1133,C601,C602	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C603,C604,C608,C610	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C611,C612,C613,C706	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C707,C708,C709,C710	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C711,C712,C713,C800	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C805,C807,C808,C809	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C1138,C205,C504,C617	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000254	C107,C1136	C-CERAMIC,CHIP;10nF,10%,16V,X7R,TP,1005
1	2203-000278	C1017,C912,C915	C-CERAMIC,CHIP;0.01nF,0.5pF,50V,NP0,TP,1
1	2203-000425	C801	C-CERAMIC,CHIP;0.018nF,0.5pF,50V,NP0,TP,
1	2203-000438	C1014,C411	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1005,
1	2203-000438	C413,C414,C202,C222	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1005,
1	2203-000628	C614,C616	C-CERAMIC,CHIP;0.022nF,5%,50V,NP0,TP,10

1	2203-001239	C415	C-CERAMIC,CHIP;0.082nF,5%,50V,NP0,TP,10
1	2203-000654	C401	C-CERAMIC,CHIP;270pF,10%,50V,X7R,TP,100
1	2203-000679	C606	C-CERAMIC,CHIP;0.027nF,5%,50V,NP0,TP,10
1	2203-000812	C100,C1012	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C1015,C1016,C104	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C105,C908,C430	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C714,C715,C716	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000885	C405	C-CERAMIC,CHIP;4.7nF,10%,25V,X7R,TP,100
1	2203-000995	C1000,C1007,C907	C-CERAMIC,CHIP;0.047nF,5%,50V,NP0,TP,10
1	2203-001405	C403,C607,C903,C905	C-CERAMIC,CHIP;22nF,+80-20%,25V,Y5V,TP,
1	2203-001405	C906,C909,C910	C-CERAMIC,CHIP;22nF,+80-20%,25V,Y5V,TP,
1	2203-001405	C913,C920	C-CERAMIC,CHIP;22nF,+80-20%,25V,Y5V,TP,
1	2203-000812	C203,C204,C206	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C207,C208,C211,C212	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C213,C214,C215,C216	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C217,C218,C219,C220	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C223,C224,C226	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C227,C229,C230,C231	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C209,C701,C702,C422	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000812	C210,C221,C225,C228	C-CERAMIC,CHIP;0.033nF,5%,50V,NP0,TP,10
1	2203-000233	C234,C235,C236,C237	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005
1	2203-000233	C238,C239,C240,C241	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005
1	2203-000233	C242,C113,C806	C-CERAMIC,CHIP;0.1nF,5%,50V,NP0,TP,1005
1	2203-005509	C201	C-CERAMIC,CHIP;330nF,5%,50V,NP0,TP,1005
1	2203-000854	C420,C424	C-CERAMIC,CHIP;0.039nF,5%,50V,NP0,TP,10
1	2203-001124	C1139,C1140,C1141	C-CERAMIC,CHIP;680pF,10%,50V,X7R,TP,100
1	2203-001124	C1142	C-CERAMIC,CHIP;680pF,10%,50V,X7R,TP,100
1	2203-000940	C1143	C-CERAMIC,CHIP;470pF,10%,50V,NP0,TP,10
1	2203-005503	C1144	C-CERAMIC,CHIP;0.18nF,5%,50V,NP0,TP,100
1	2203-001598	C102,C109,C110,C112	C-CERAMIC,CHIP;2200nF,+80-20%,16V,Y5V,T
1	2203-001598	C114,C116,C111	C-CERAMIC,CHIP;2200nF,+80-20%,16V,Y5V,T
1	2203-001598	C118,C119,C115	C-CERAMIC,CHIP;2200nF,+80-20%,16V,Y5V,T
1	2203-005061	C101,C103,C1103,C300	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005061	C1104,C1109,C1110	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005061	C1111,C1112,C1113	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005061	C1114,C1115,C1117	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005061	C1118,C1119,C1120	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005061	C1121,C1122,C1124	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T

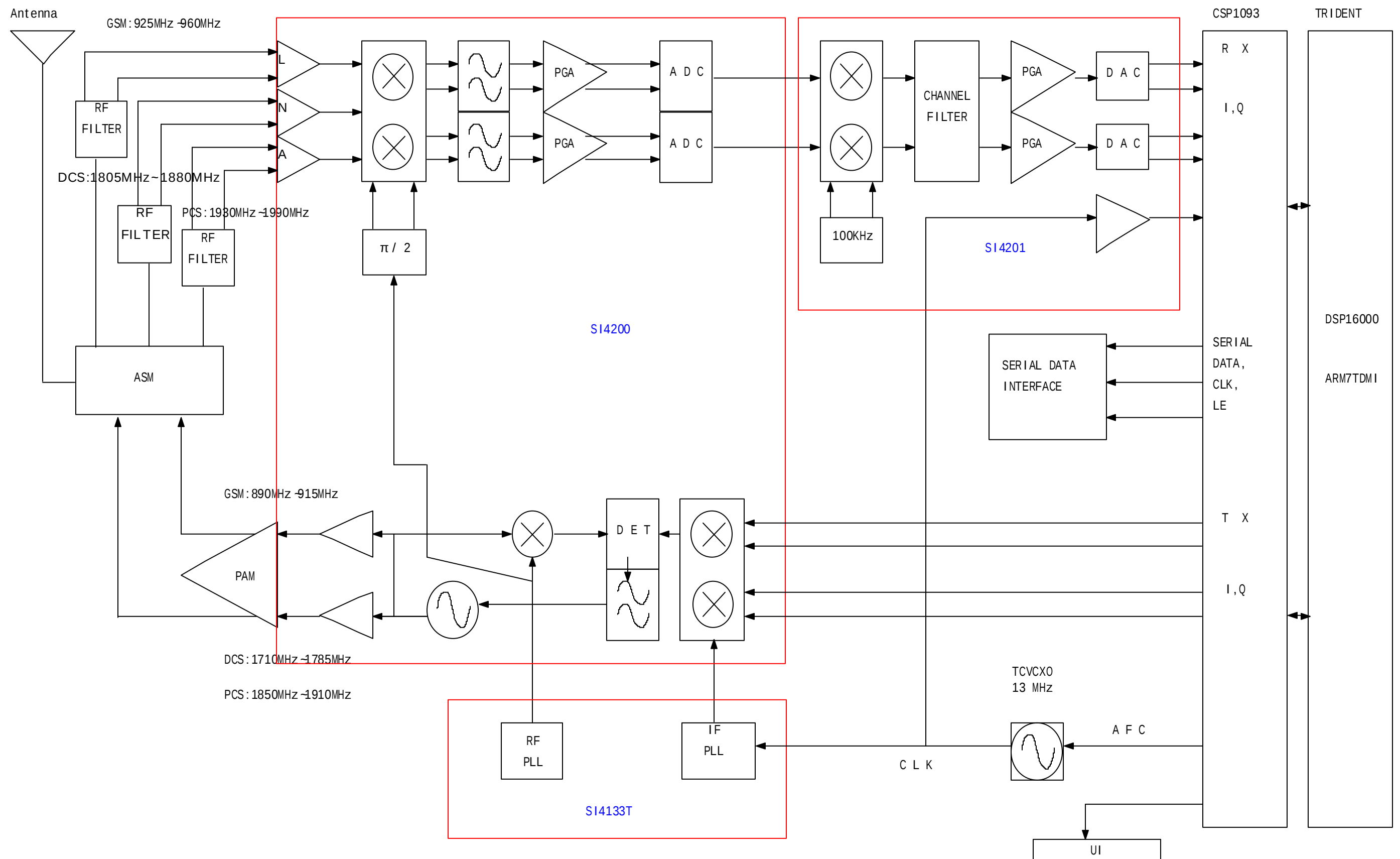
1	2203-005061	C1125,C402,C120,C200	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005061	C408,C412,C500,C501	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005061	C502,C605,C705,C417	C-CERAMIC,CHIP;100nF,+80-20%,16V,Y5V,T
1	2203-005065	C232,C233,C400,C416	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,T
1	2203-005065	C704,C1135	C-CERAMIC,CHIP;1000nF,+80-20%,10V,Y5V,T
1	2203-005050	L1000	C-CERAMIC,CHIP;0.018nF,5%,50V,NP0,TP,10
1	2203-002677	C1003,C1004,C1009	C-CERAMIC,CHIP;0.75pF,0.1pF,50V,NP0,TP,1
1	2203-002677	C1005,C1006,C1010	C-CERAMIC,CHIP;0.75pF,0.1pF,50V,NP0,TP,1
1	2203-005288	C1008	C-CERAMIC,CHIP;1pF,0.1pF,50V,NP0,TP,100
1	2203-005481	C1116	C-CERAMIC,CHIP;47nF,10%,10V,X7R,TP,1005
1	2203-005482	C811	C-CERAMIC,CHIP;100nF,10%,10V,X5R,TP,100
1	2203-005483	C106	C-CERAMIC,CHIP;68nF,10%,10V,X5R,TP,1005
1	2203-005496	C1101,C600,C609	C-CERAMIC,CHIP;220nF,+80-20%,10V,Y5V,T
1	2203-005496	C703	C-CERAMIC,CHIP;220nF,+80-20%,10V,Y5V,T
1	2404-001086	C425	C-TA,CHIP;4.7uF,20%,6.3V,GP,TP,2012,-
1	2404-001100	C1106	C-TA,CHIP;33uF,20%,6.3V,GP,TP,3719,-
1	2404-001134	C1013	C-TA,CHIP;100UF,20%,6.3V,LZ,TP,4028
1	2404-001100	C1134	C-TA,CHIP;33UF,20%,6.3V,LZ,TP,3719
1	2404-001105	C125	C-TA,CHIP;10UF,20%,6.3V,GP,TP,2012
1	2404-001268	C126,C404	C-TA,CHIP;10UF,20%,10V,-,TP,-
1	2404-001151	C409,C1107	C-TA,CHIP;33UF,20%,6.3V,LZ,TP,3216
1	2703-001751	L900	INDUCTOR-SMD;3.9nH,0.3nH,1.0x0.5x0.5mm
1	2703-001737	C1001	INDUCTOR-SMD;2.7nH,0.5nH,1.0x0.5x0.5mm
1	2703-001747	C1002	INDUCTOR-SMD;4.7nH,0.3nH,1.0x0.5x0.5mm
1	2703-001178	L1003	INDUCTOR-SMD;3.3nH,0.3nH,1.0x0.5x0.5mm
1	2703-001722	L1004	INDUCTOR-SMD;18nH,5%,1.0x0.5x0.5mm
1	2801-004116	OSC601	CRYSTAL-UNIT;0.032768MHZ,20PPM,28-ABK,
1	2804-001492	U1102	27MHZ,100PPM,15PF,TP,7V,-
1	2809-001260	OSC801	OSCILLATOR-VCTCXO;13MHZ,3PPM,10KOHM/
1	3404-001152	VOL_DN,VOL_UP	SWITCH-TACT;12V DC,20mA,160gf,4.5x4.0x2
1	3705-001226	CN1001	CONNECTOR-COAXIAL;MCX,JACK,75MOHM,5
1	3709-001187	CN100	CONNECTOR-CARD EDGE;6P,2.54MM,SMD-A
1	3710-001673	CN300	CONNECTOR-SOCKET;18P,1R,0.5mm,SMD-A
1	3711-005079	CN1101	BOX,16P,2R,0.5MM,SMD-S,AUF,NTR
1	3711-005078	CN201	CONNECTOR;NOWALL,34P,2R,0.4MM,SMD-S,
1	2904-001410	F1003	FILTER-SAW;1.96GHZ,-,1930-1990MHZ/2.4D
1	3722-001715	CN401	JACK-PHONE;6P,2.3PI,AU,BLK,-
1	4302-001130	M101	BATTERY-LI(2ND);3V,0.1MAH,-,-,3.1V,-

1	1205 - 002268	U901	IC - TRANSCEIVER;SI4200 - BM,MLP,32P,5X5MM
1	NEW - ETC0001	U1005	IC - FEM;LMSP - 0021TEMP, -, -, -, -, -
1	NEW - ETC0002	L1001	INDUCTOR - SMD;30nH,2%,1.6x0.8x0.8mm
1	NEW - ETC0003	L1006	INDUCTOR - SMD;7.5nH,2%,1x0.5x0.5mm
1	NEW - ETC0004	L1002	INDUCTOR - SMD;8.2nH,2%,1.0X0.5X0.5MM

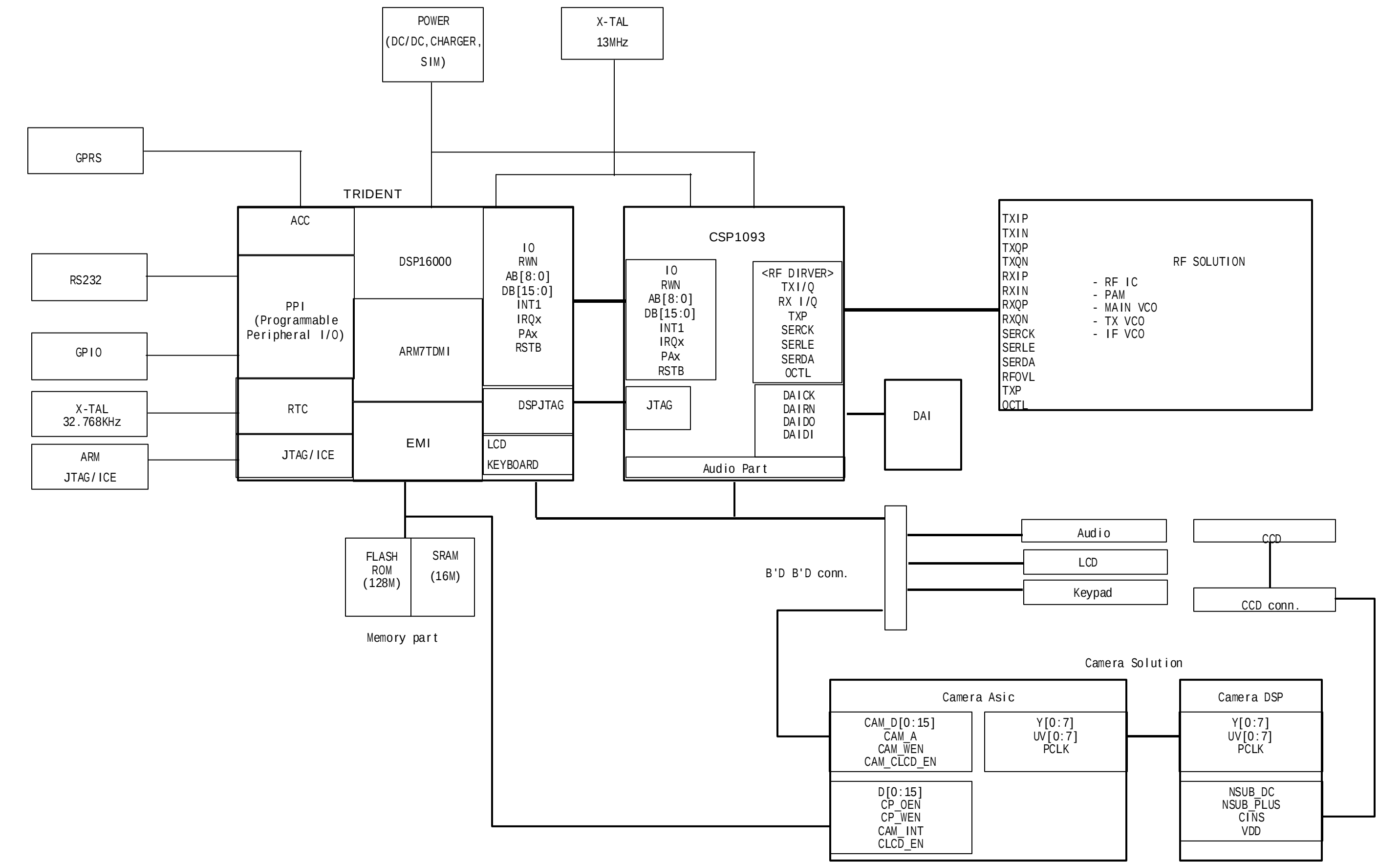
This image shows a full page of a handwriting practice worksheet. It consists of multiple sets of three horizontal dashed lines, evenly spaced across the entire page. These lines are designed to help children learn letter height and placement as they write. There is no text or other markings on the page.

4. SGH-V205 Block Diagrams

1. RF Solution Block Diagram

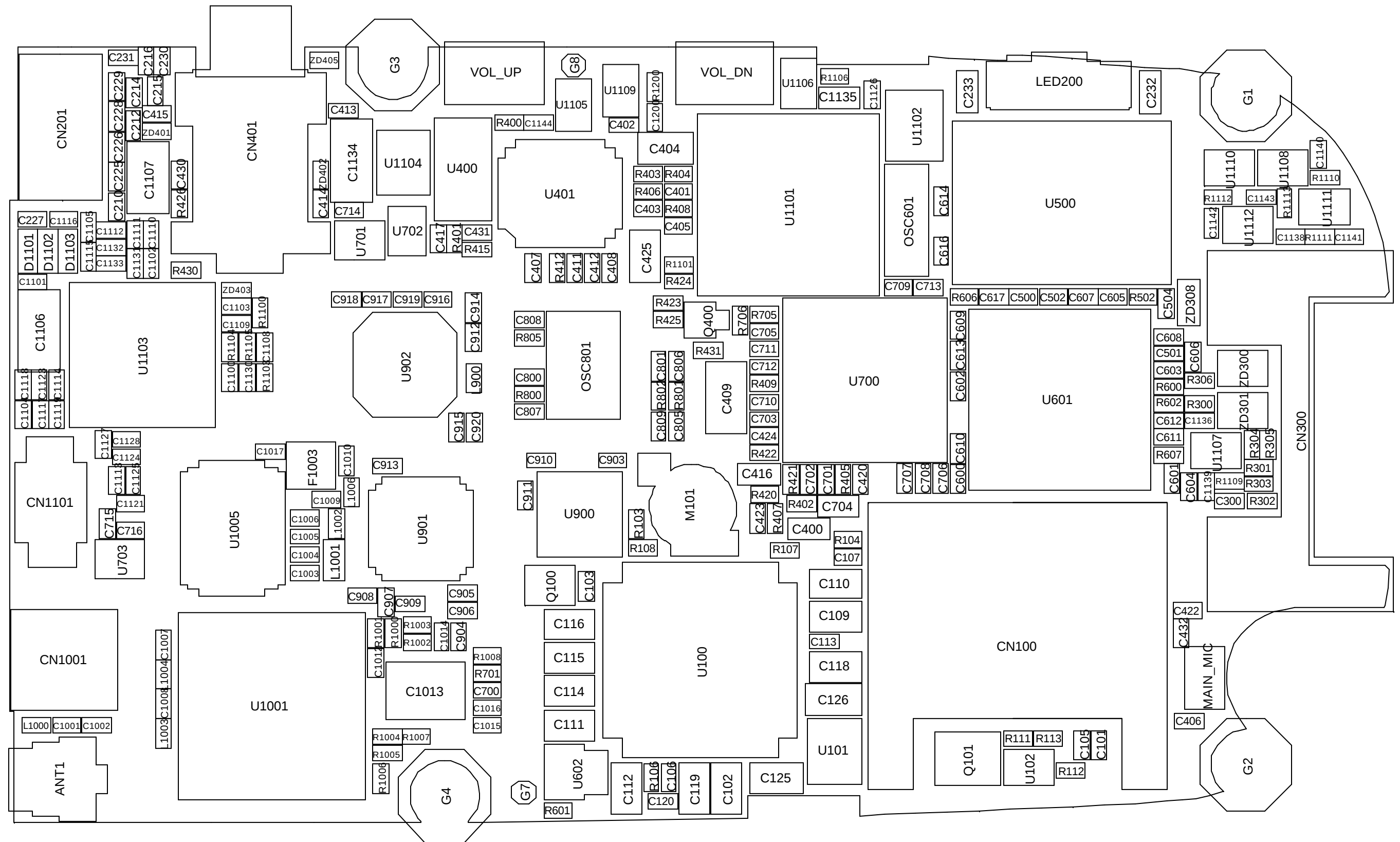


2. Base Band Solution Block Diagram

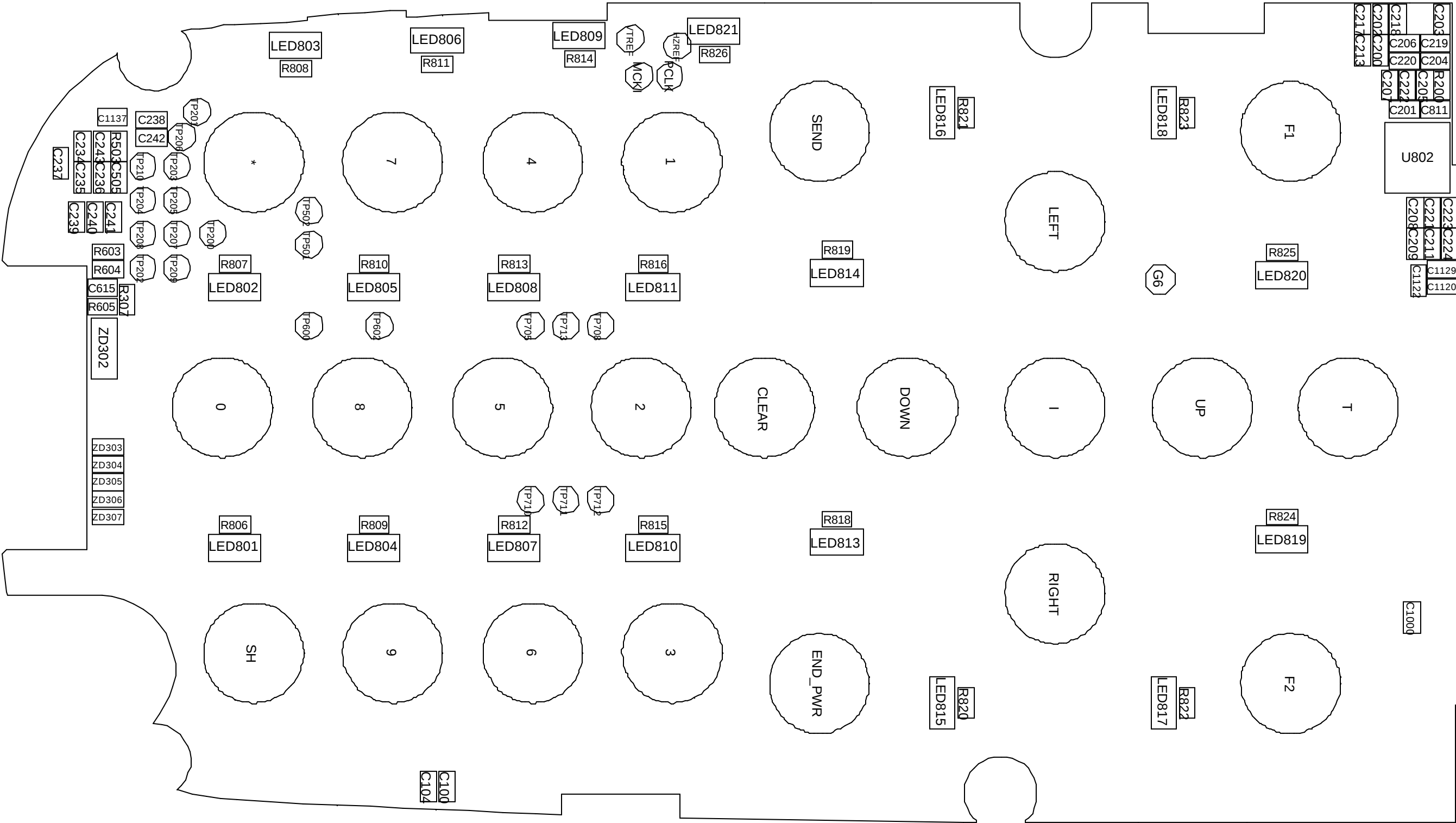


5. SGH-V205 PCB Diagrams

1. Main PCB Top Diagram

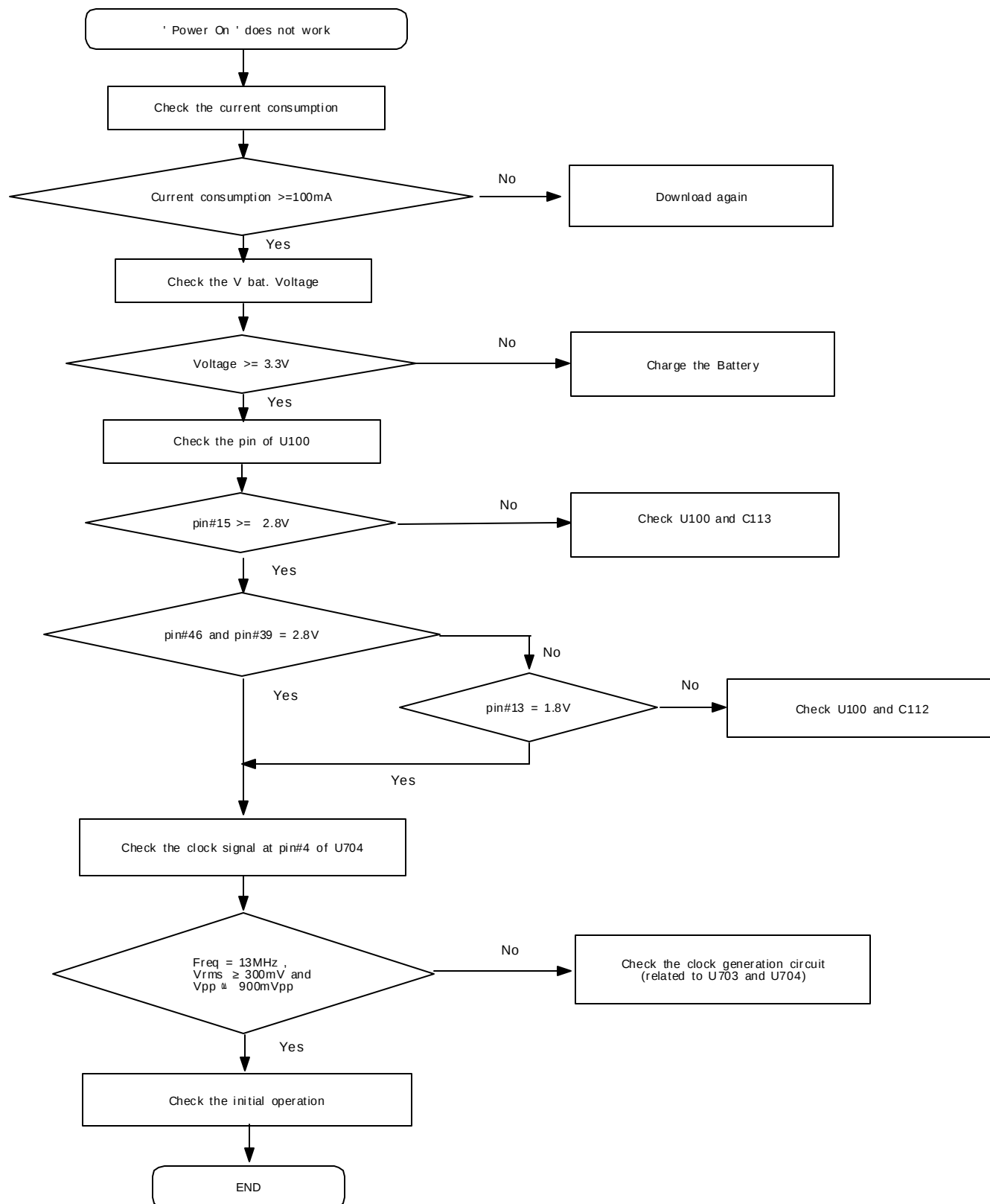


2. Main PCB Bottom Diagram

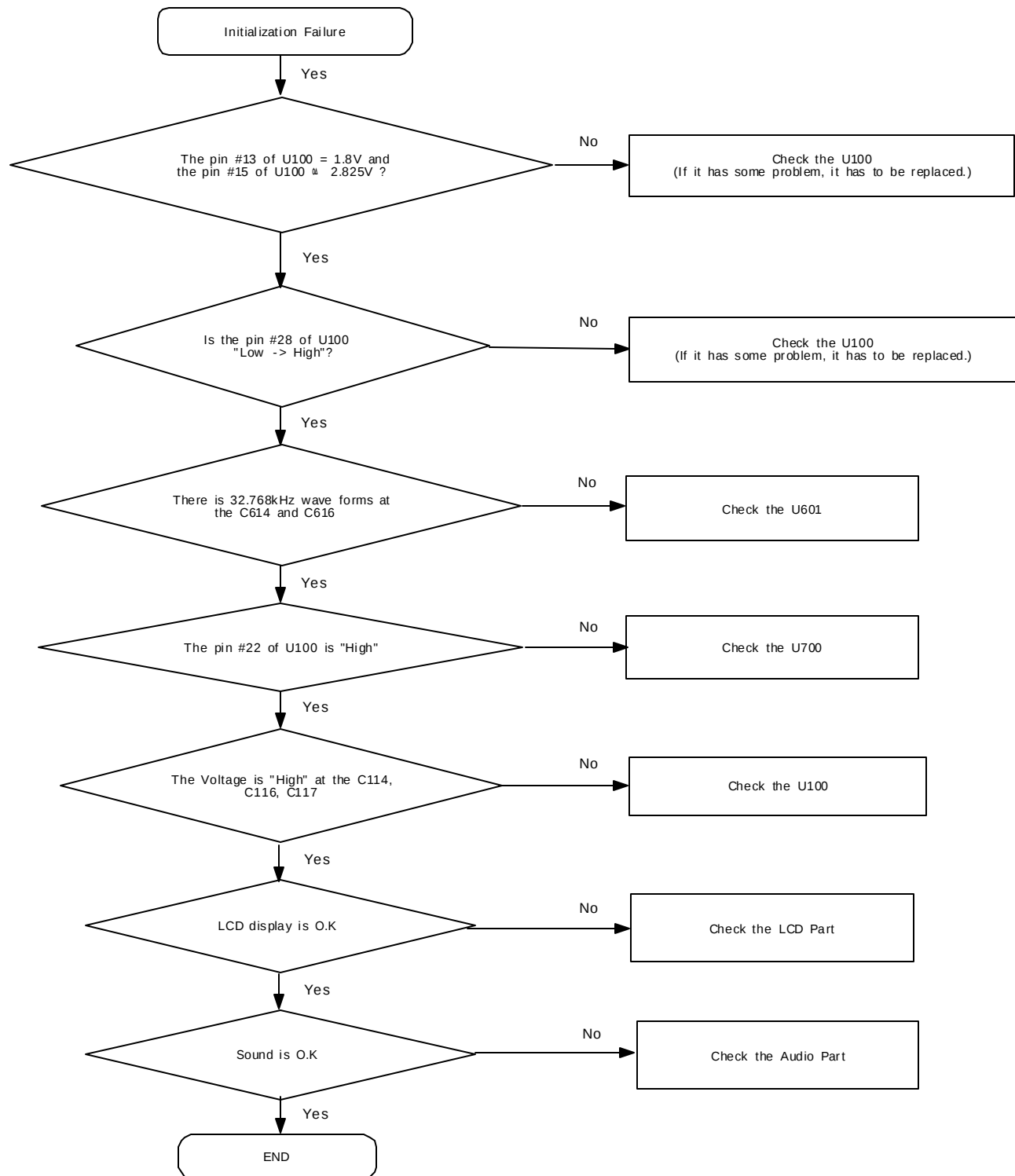


6. SGH-V205 Flow Chart of Troubleshooting and Circuit Diagrams

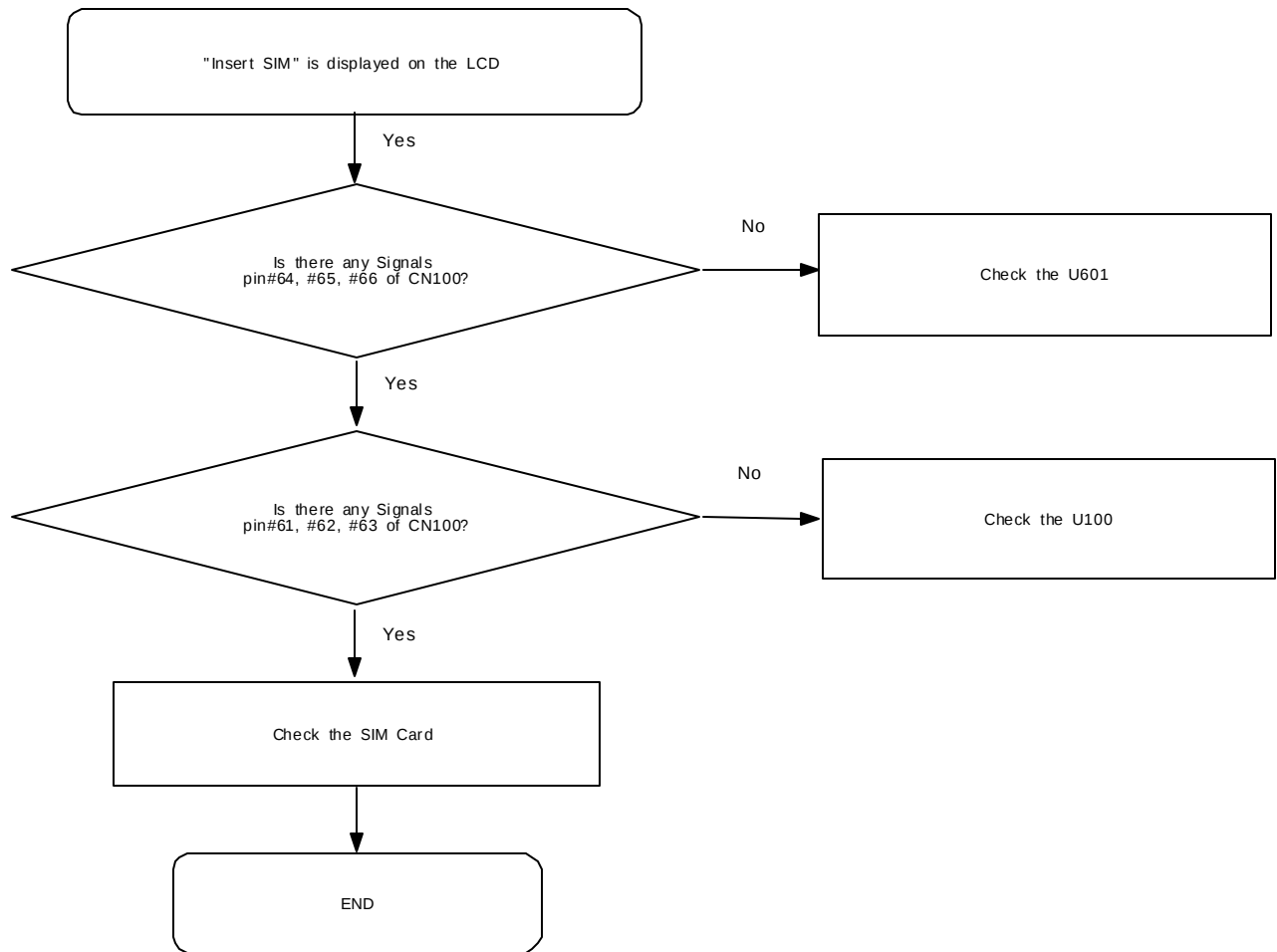
1. Power On



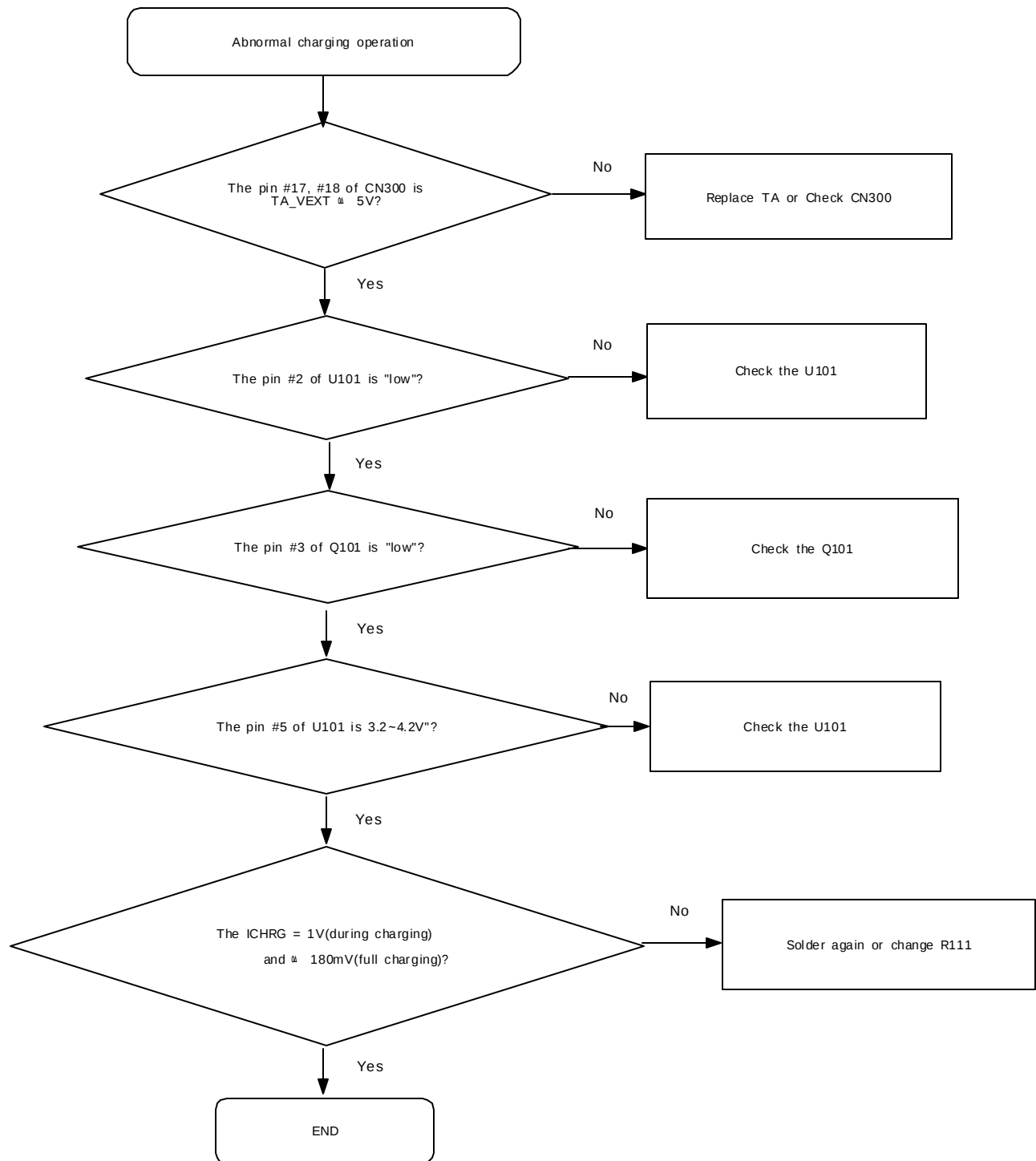
2. Initial



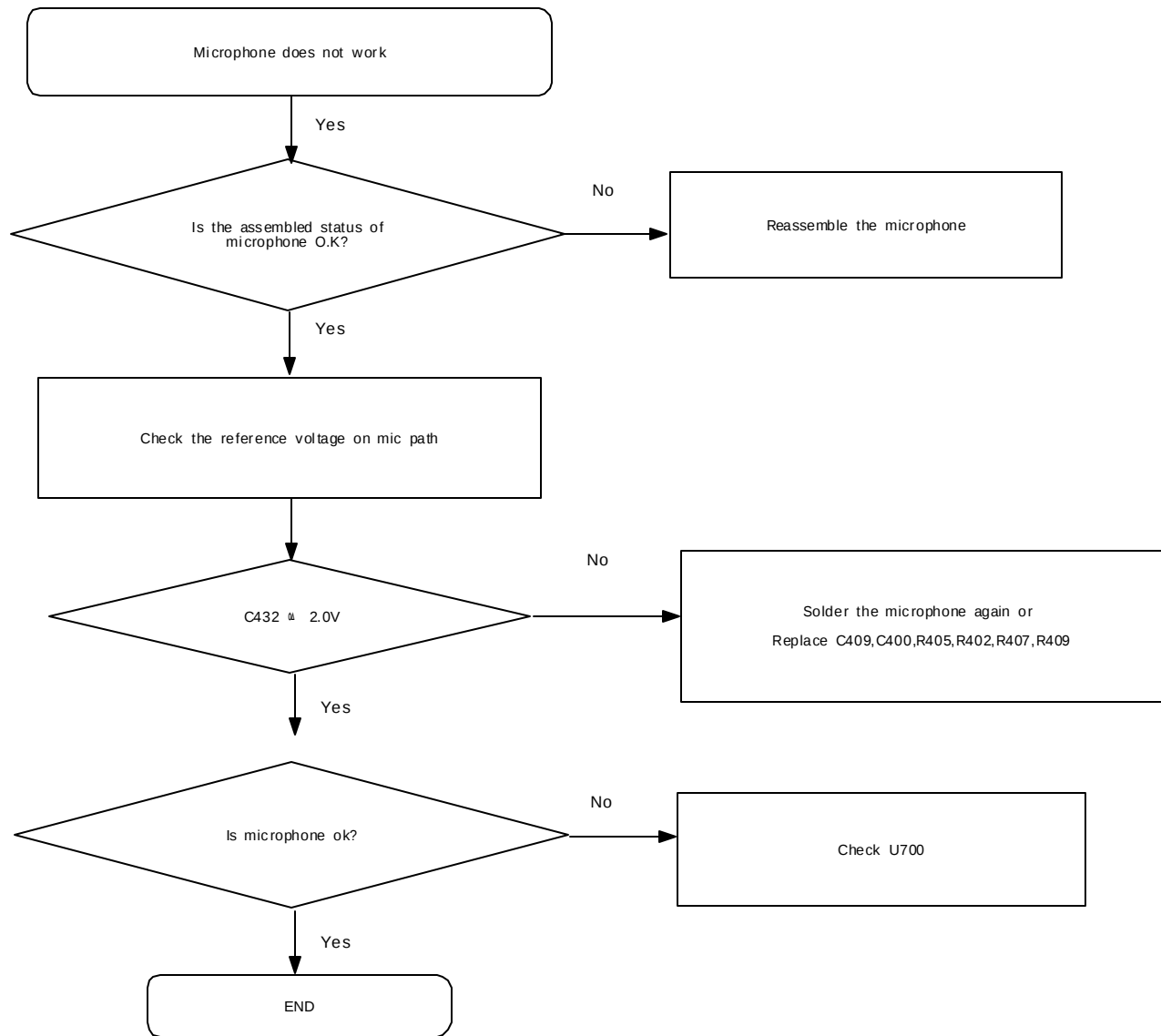
3. Sim Part



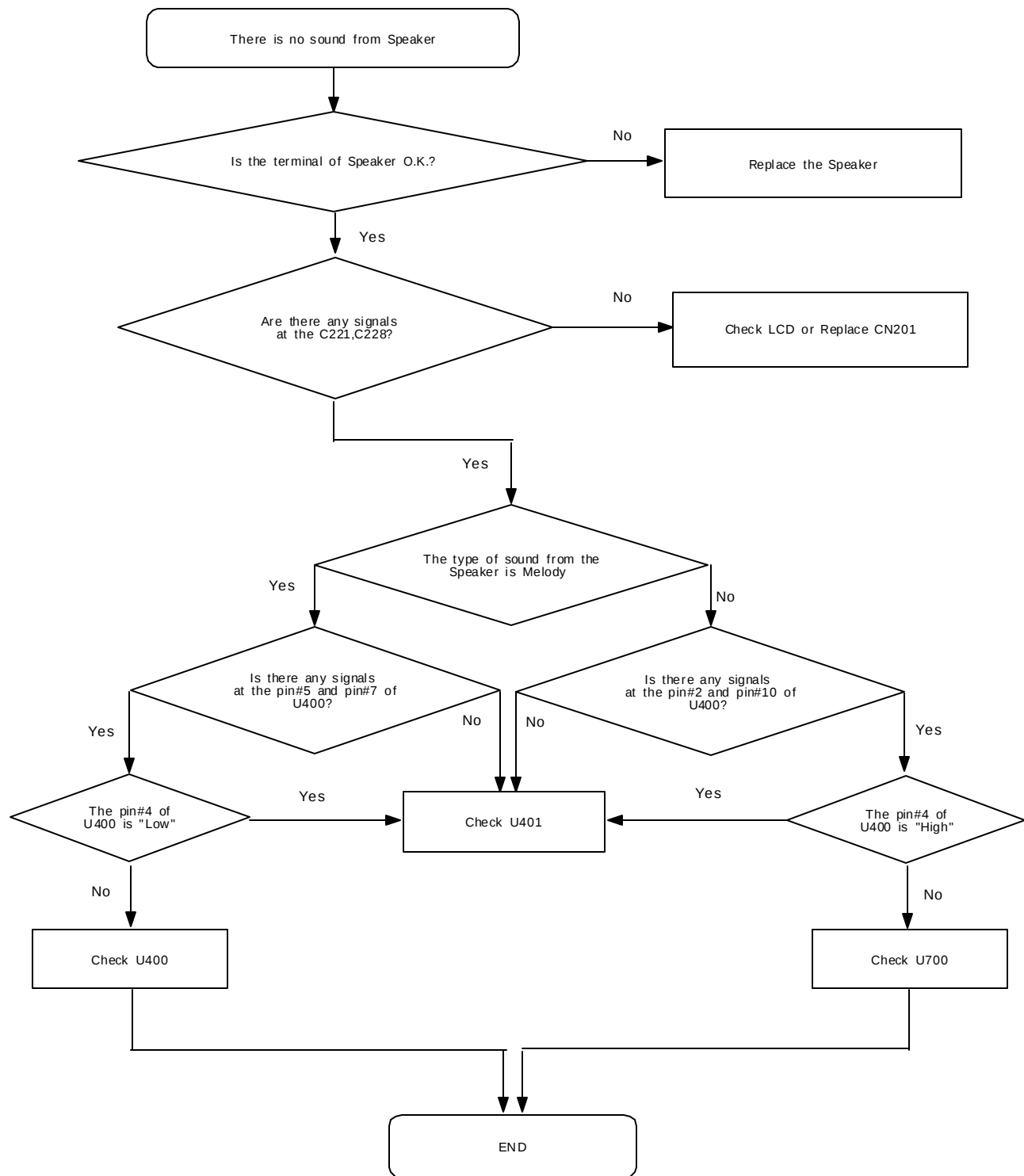
4. Charging Part



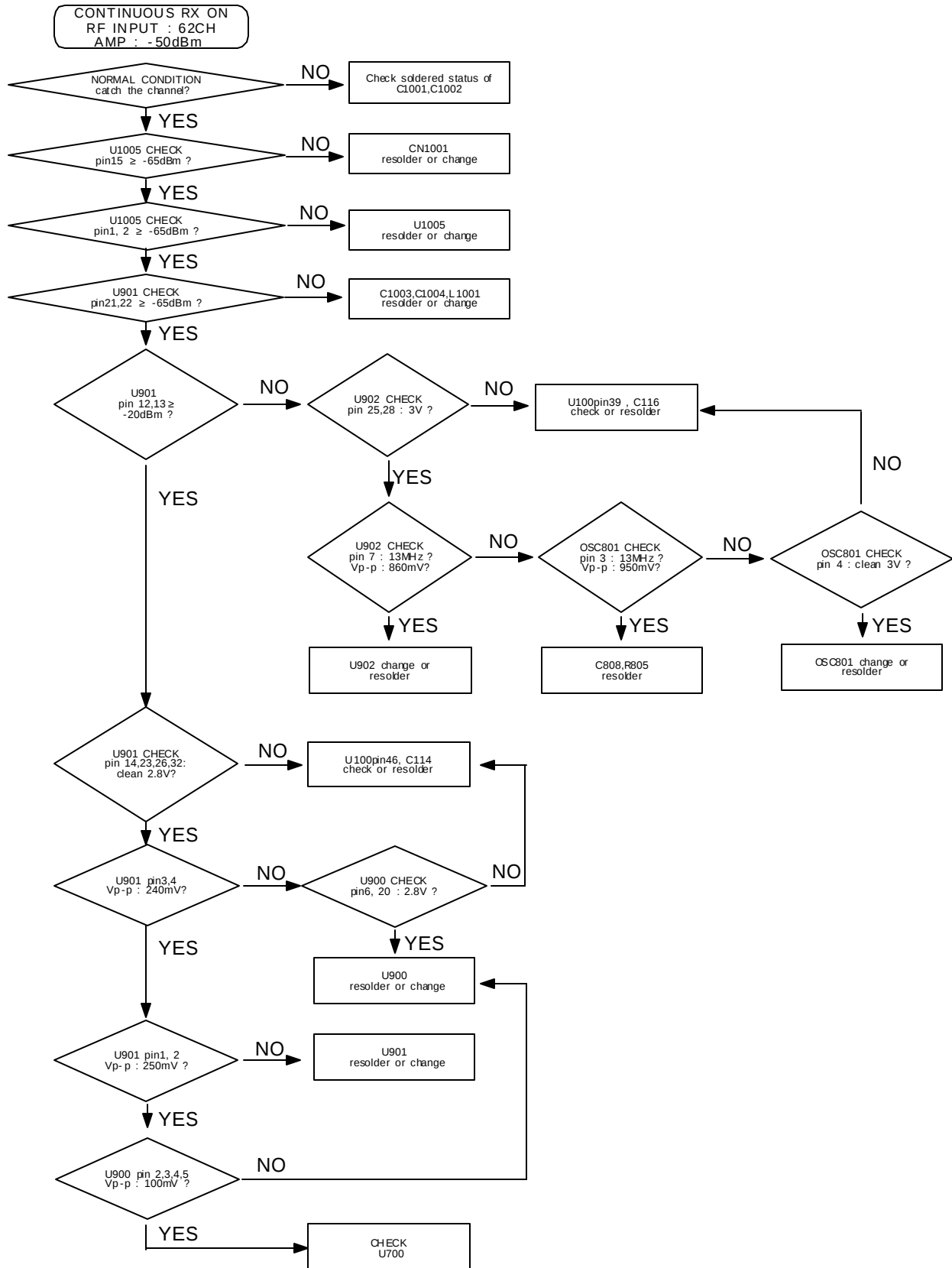
5. Microphone Part



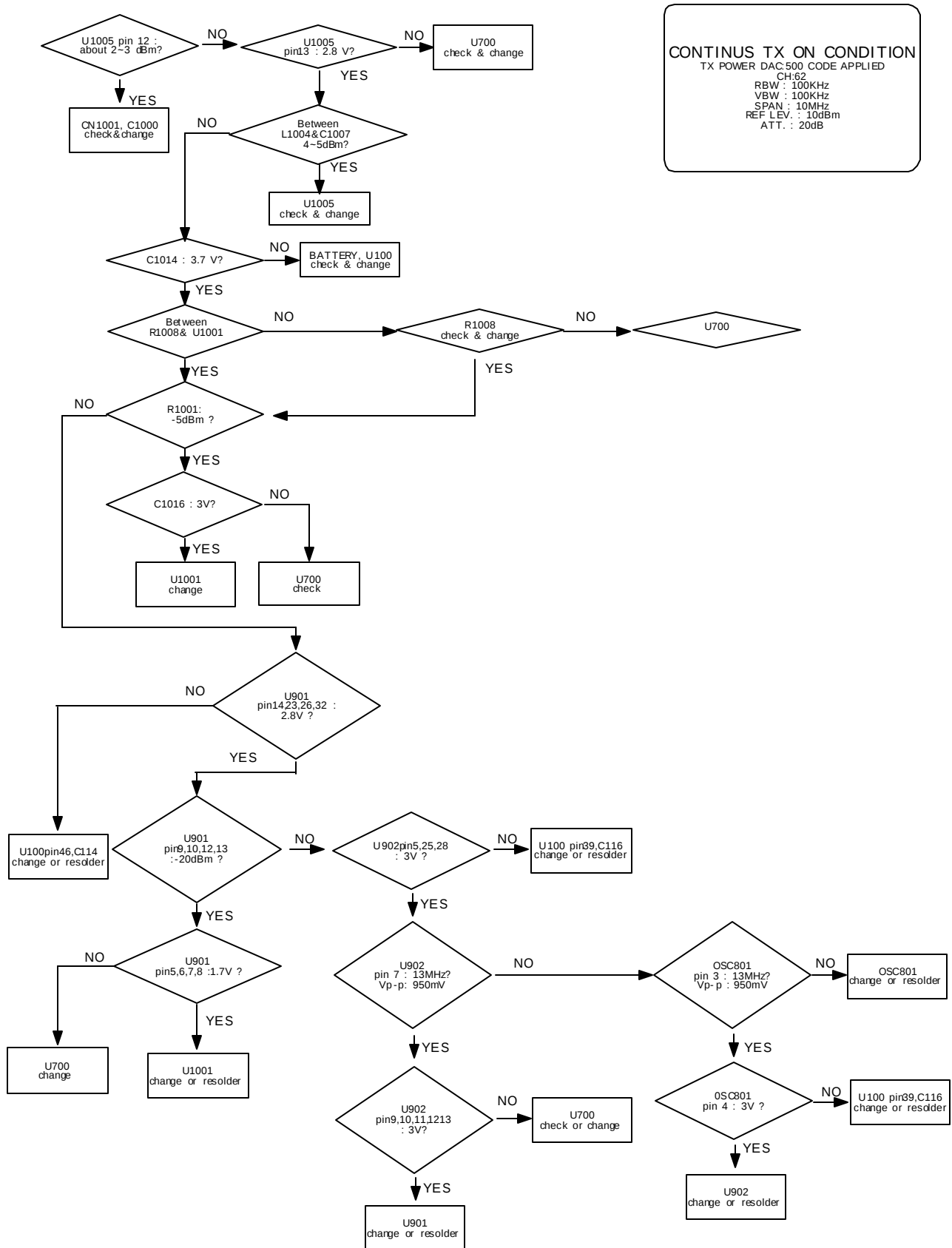
6. Speaker Part



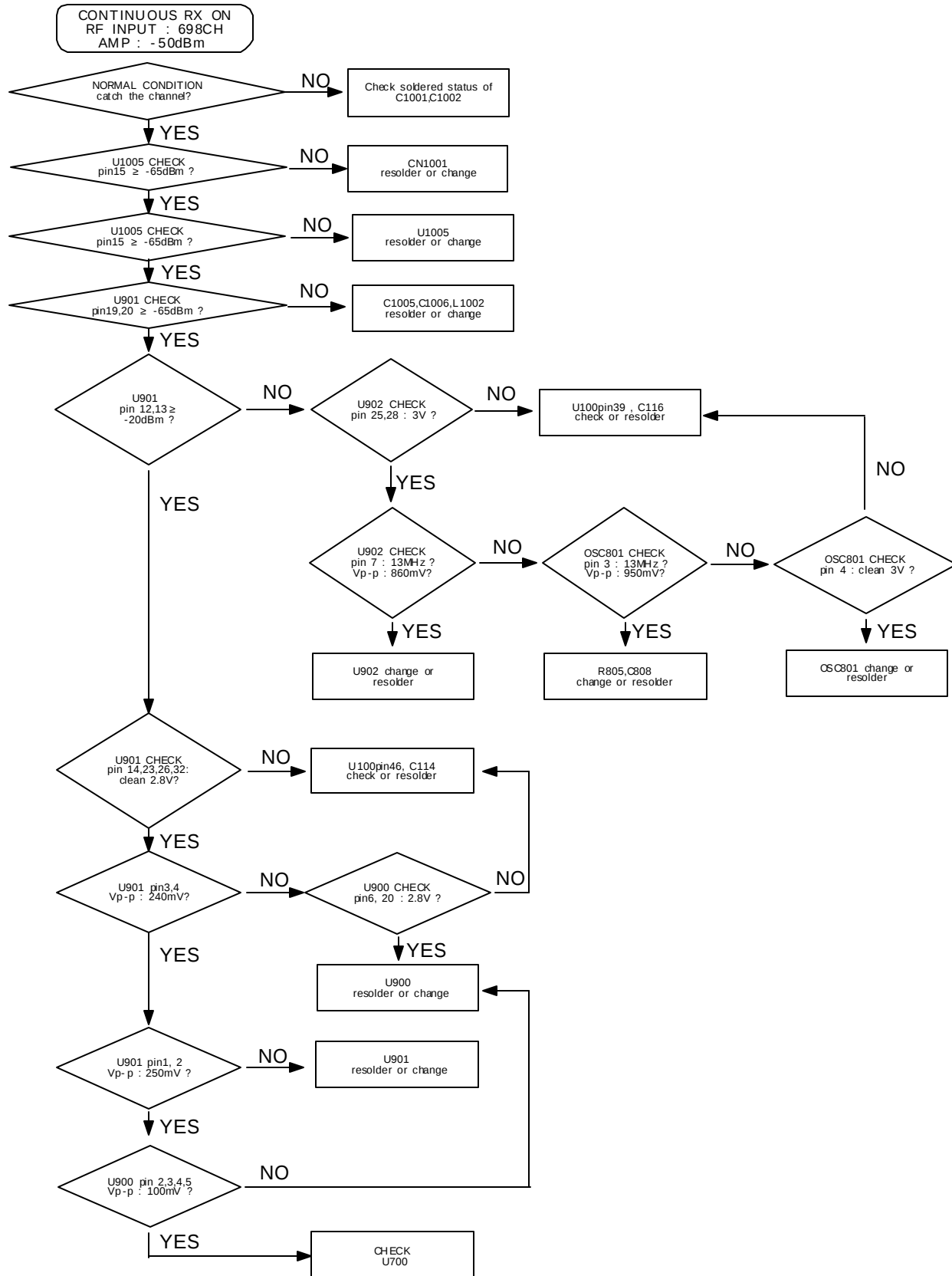
7. EGSM Reciever



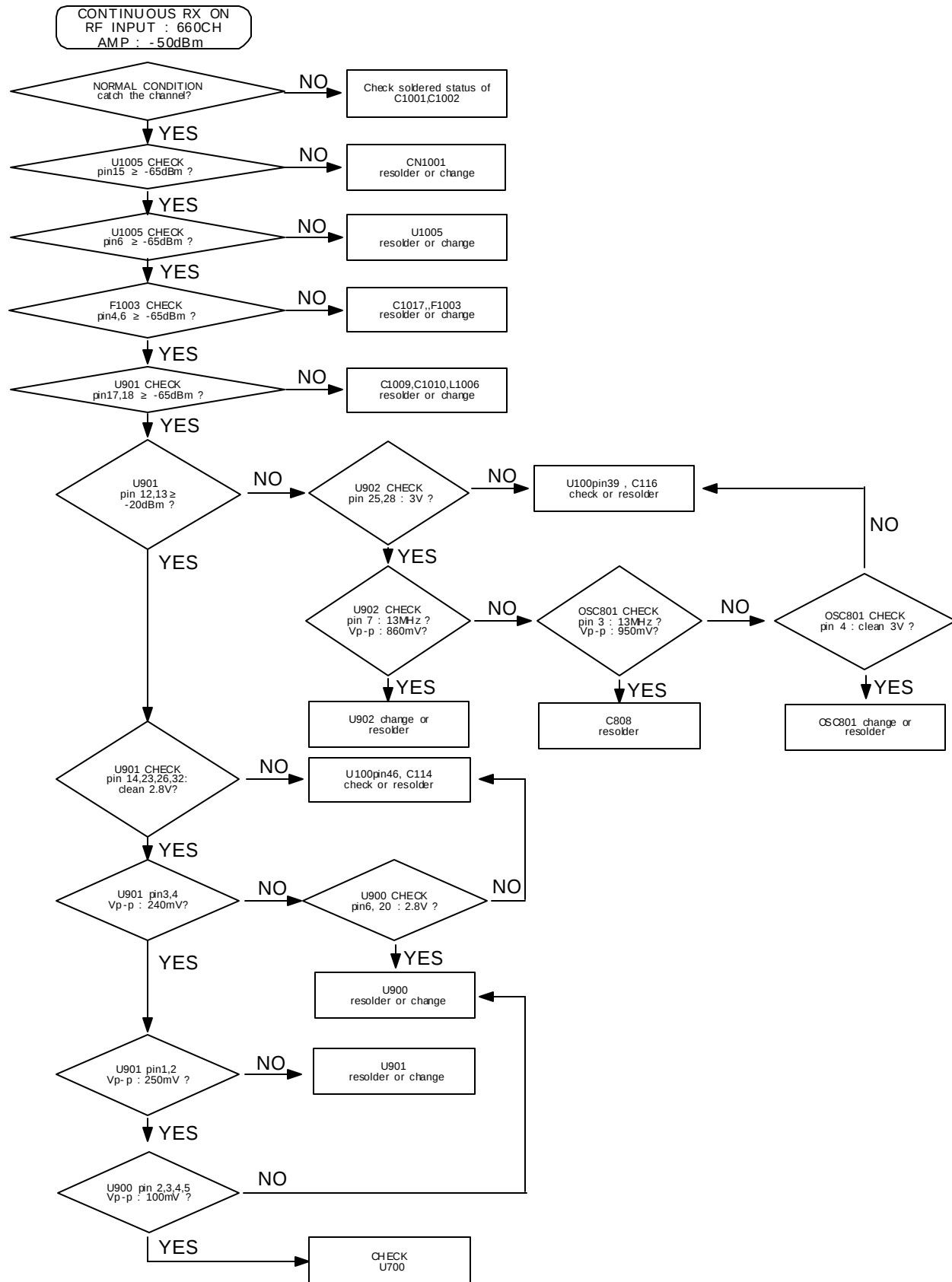
8. EGSM transmitter



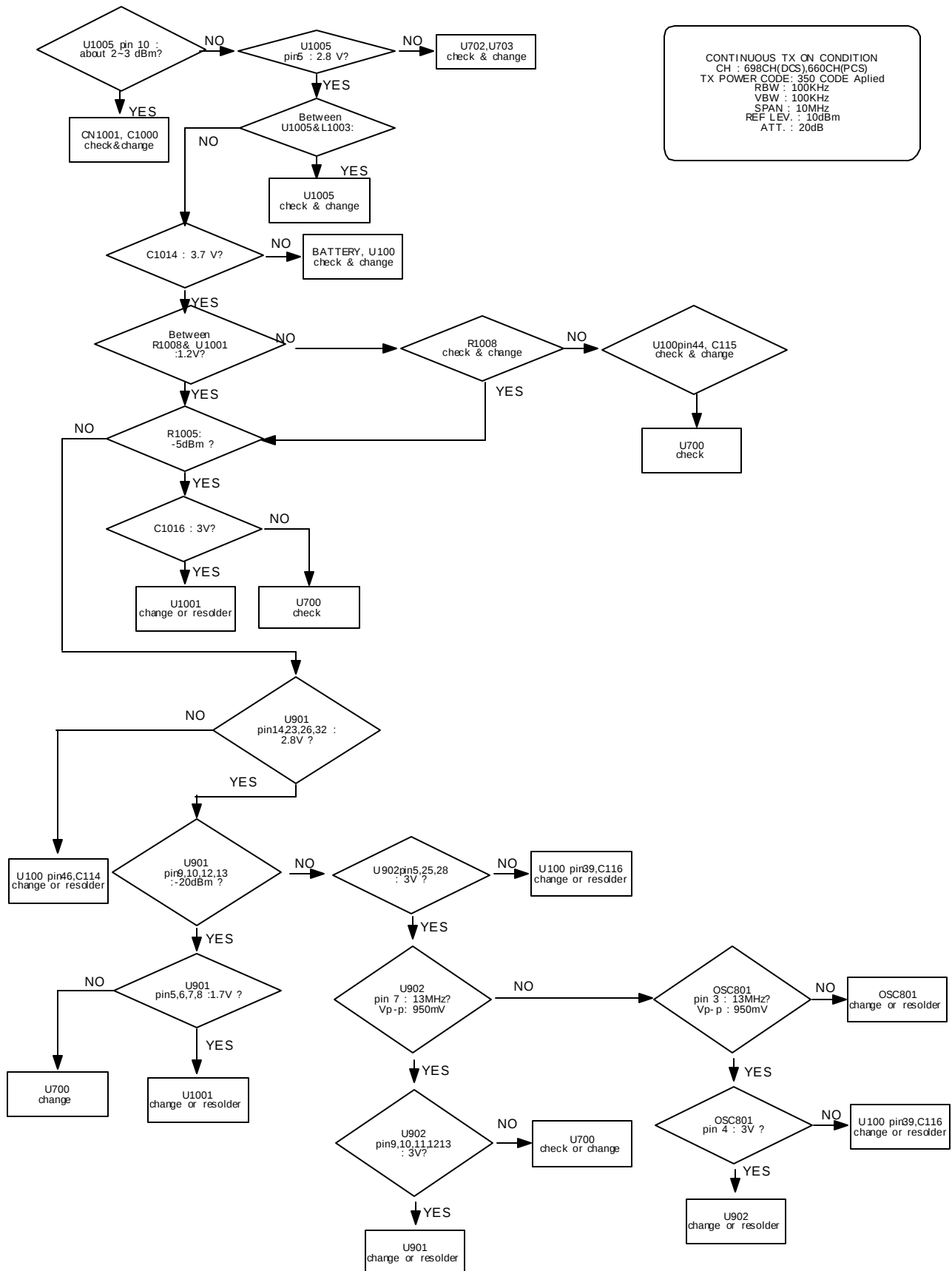
9. DCS Reciever



10. PCS Reciever

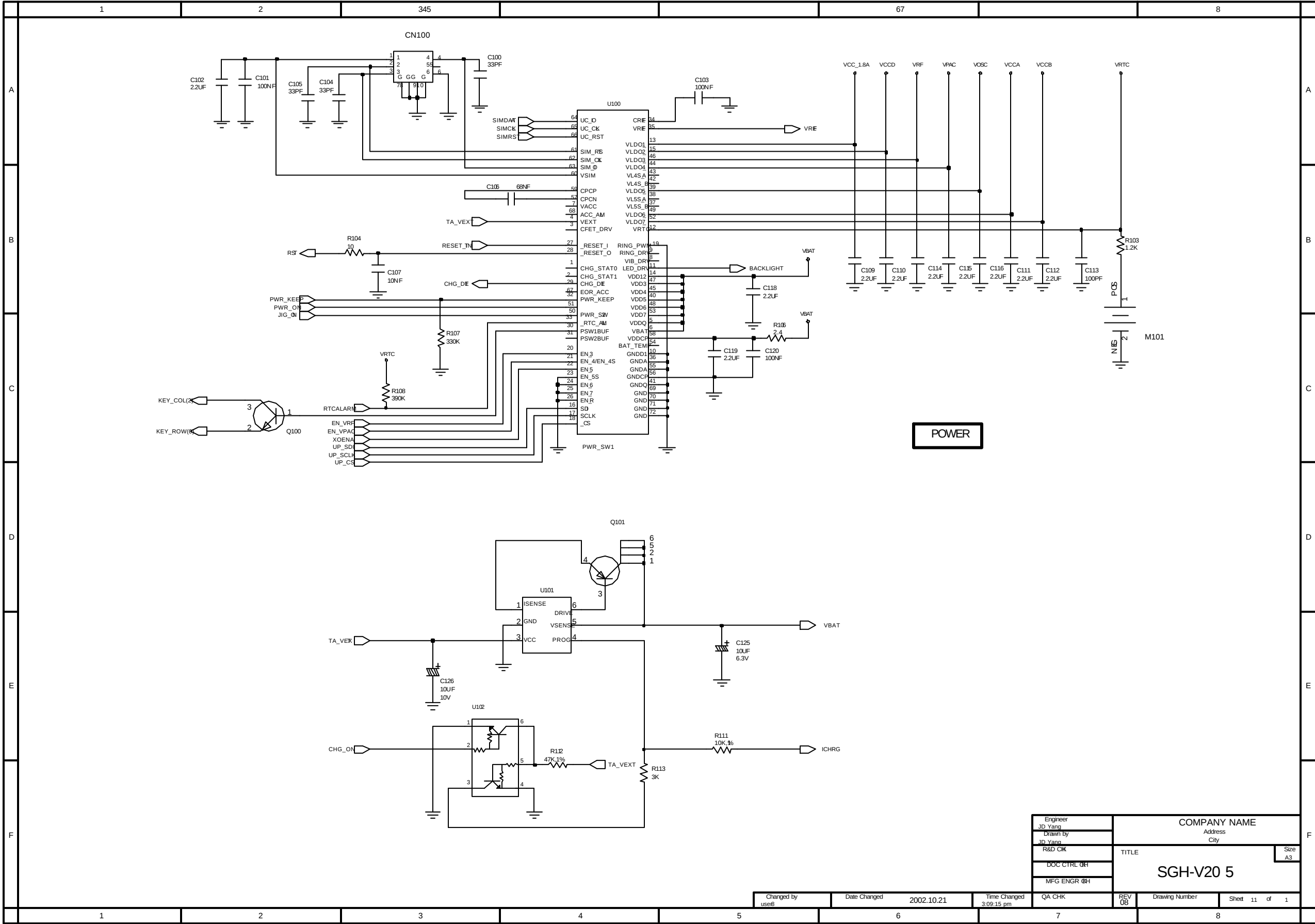


11. DPCS transmitter

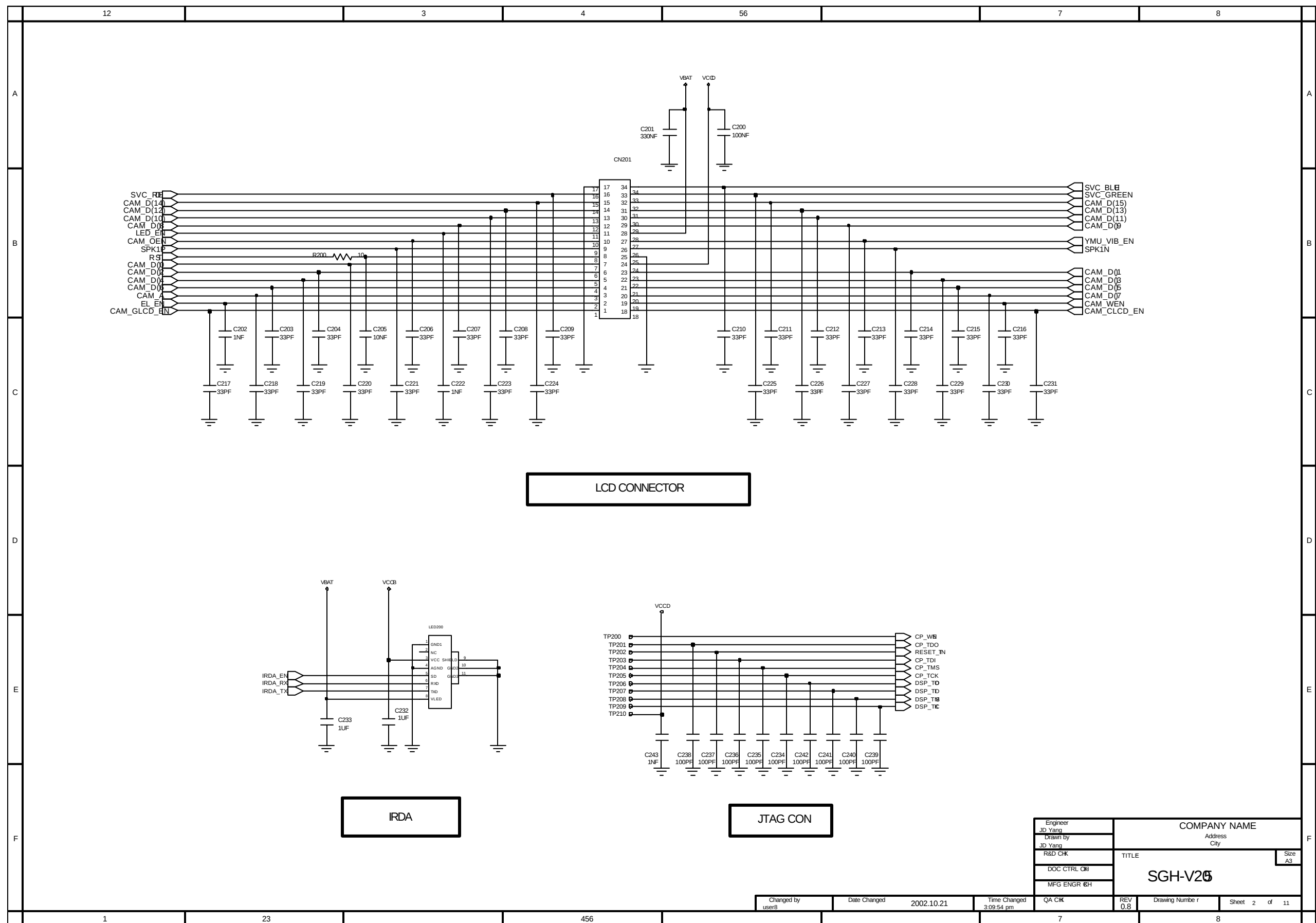


MEMO

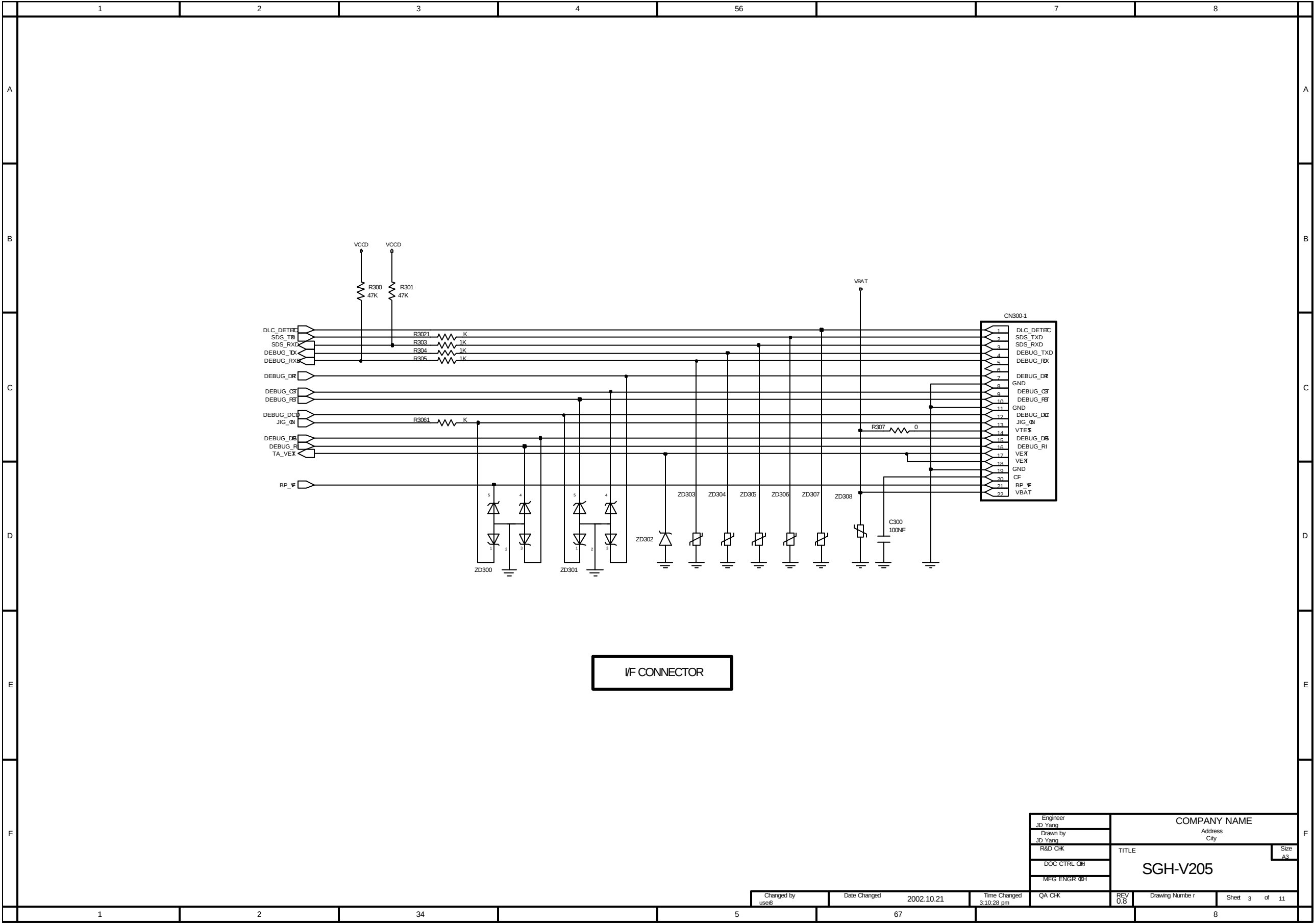
12. Power&SIM Circuit Diagram



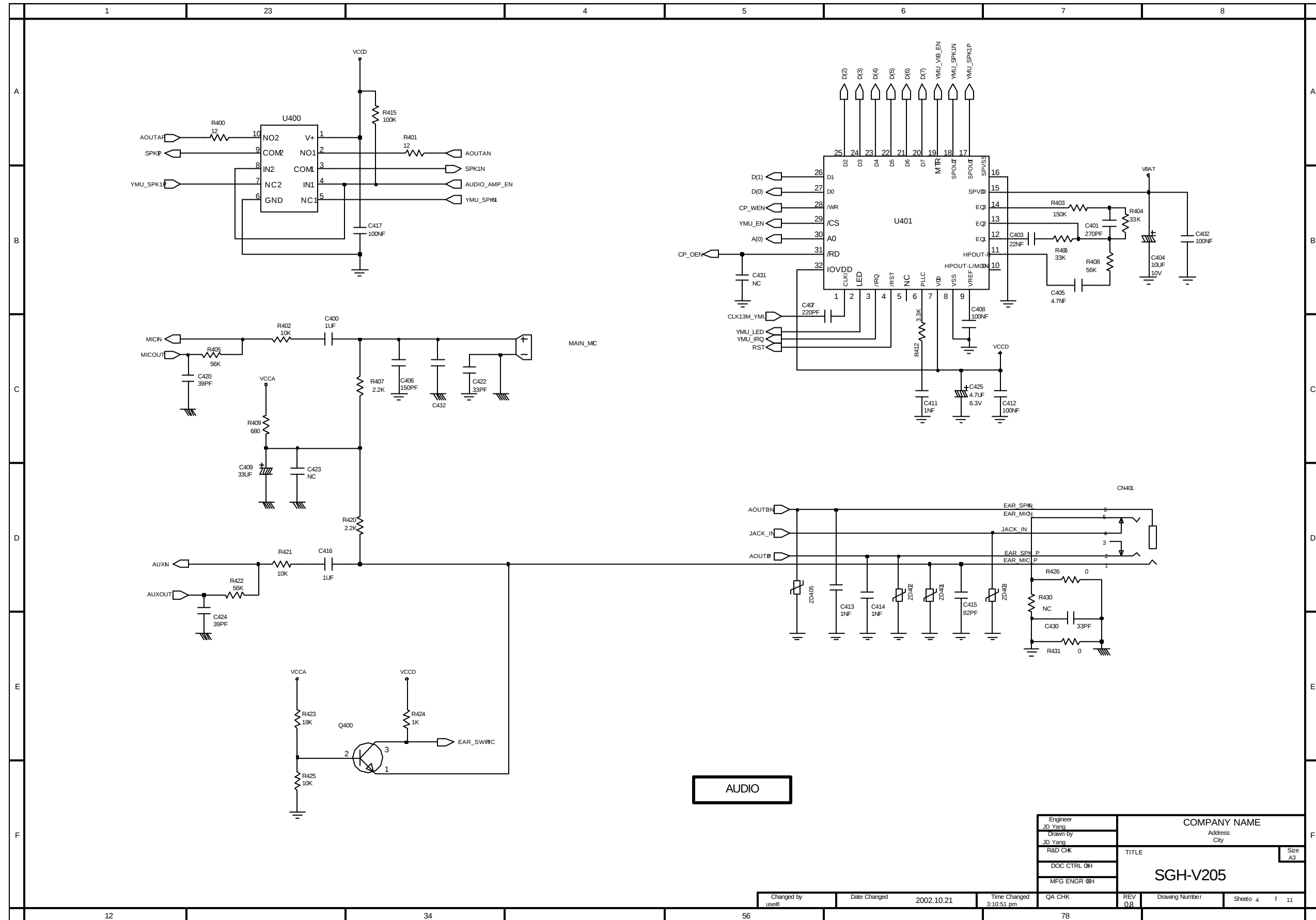
13. LCDconnector&JTAGconnector&IRDA Circuit Diagram



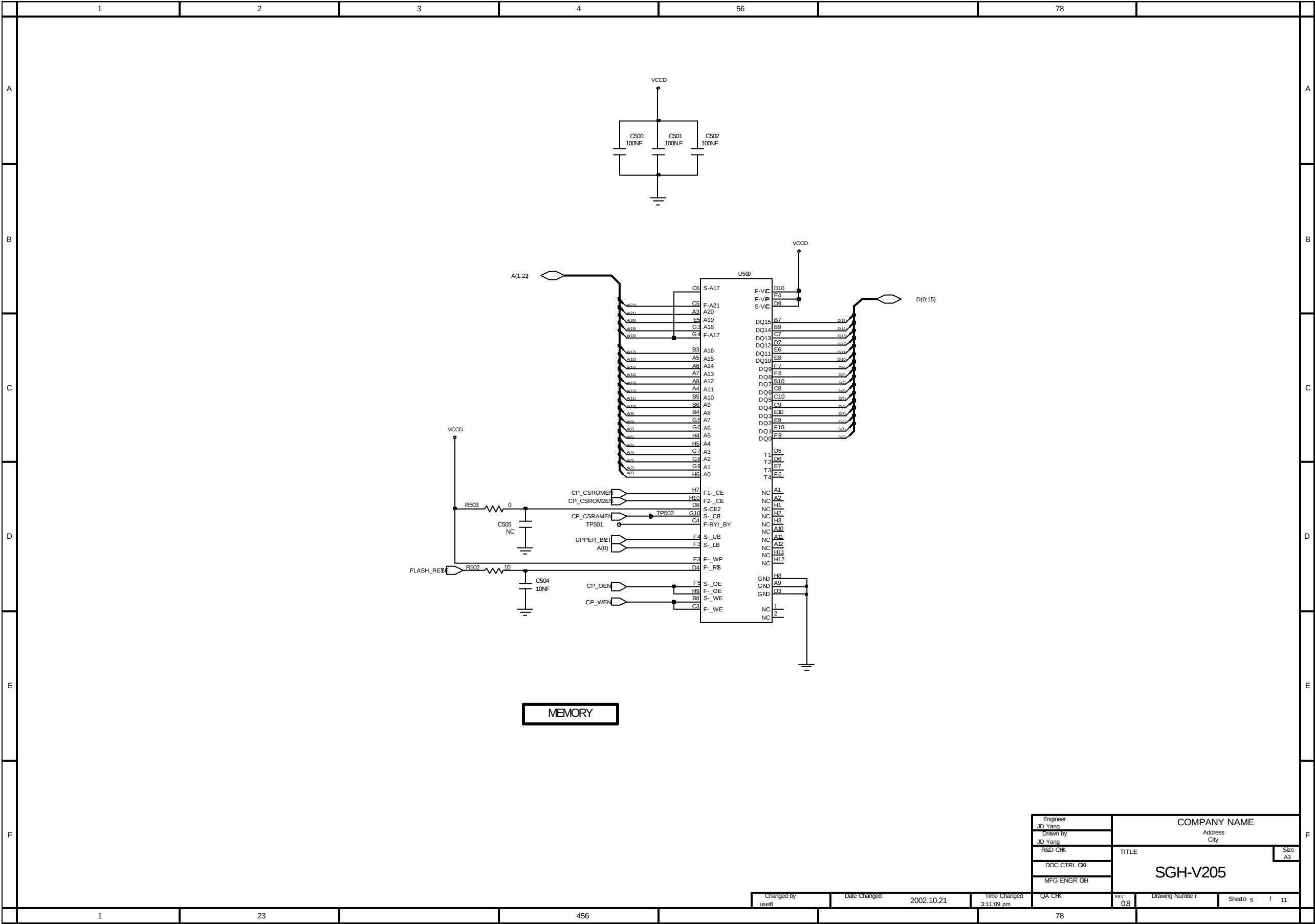
14. IF connector Circuit Diagram

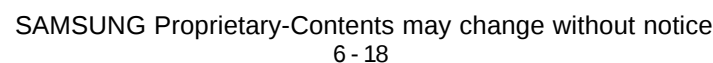


15. Audio Circuit Diagram

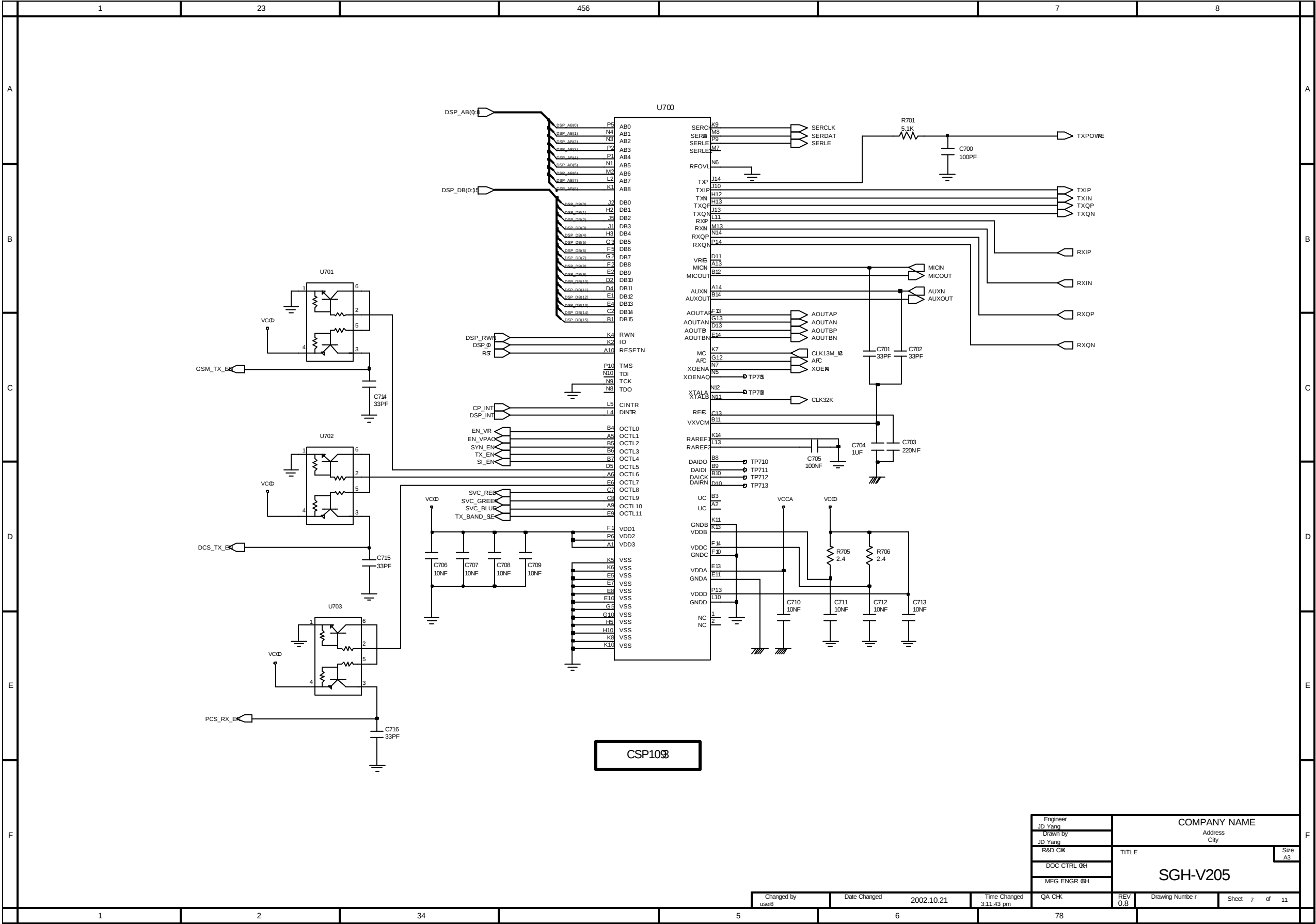


16. Memory & Buzzer Circuit Diagram

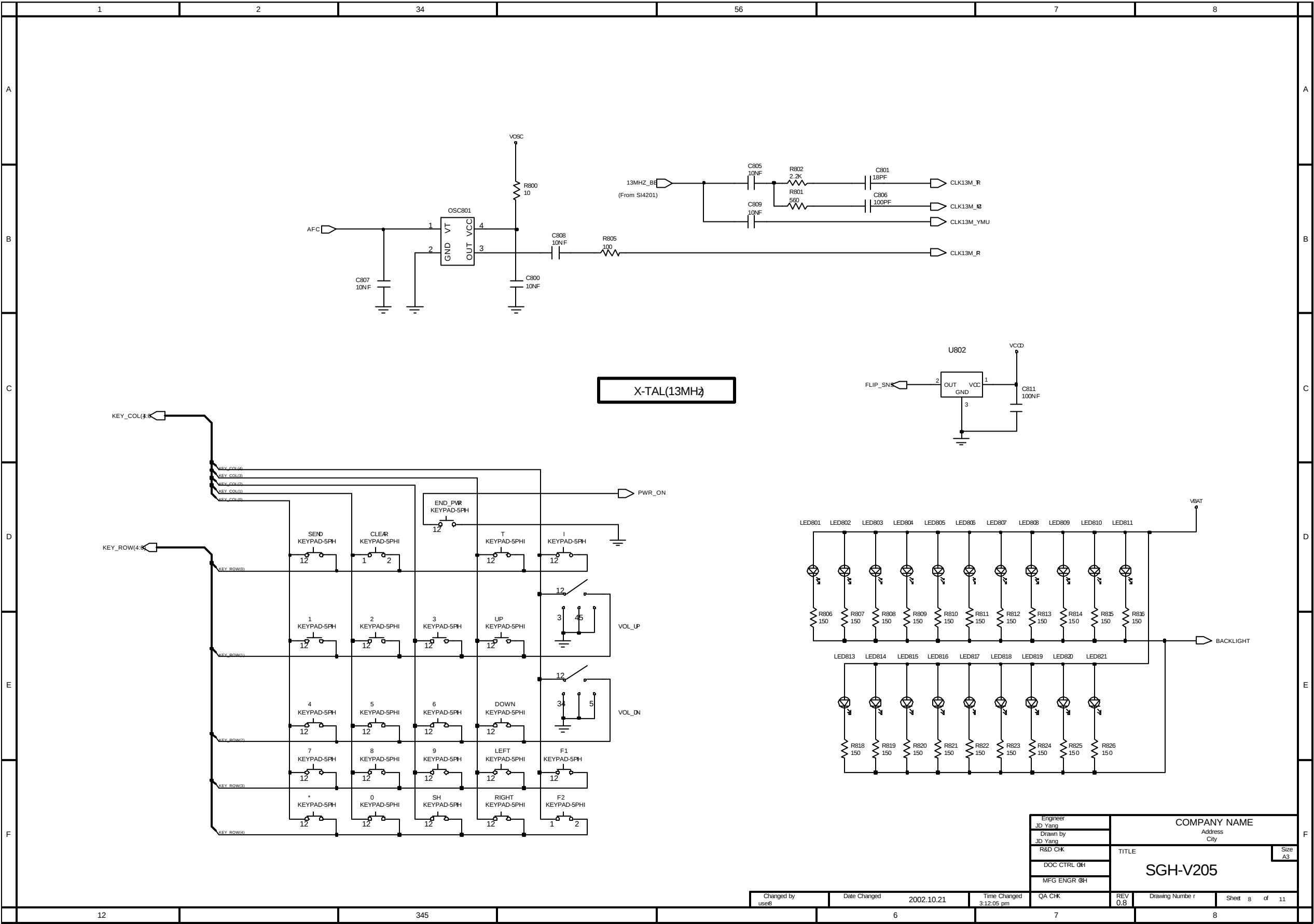




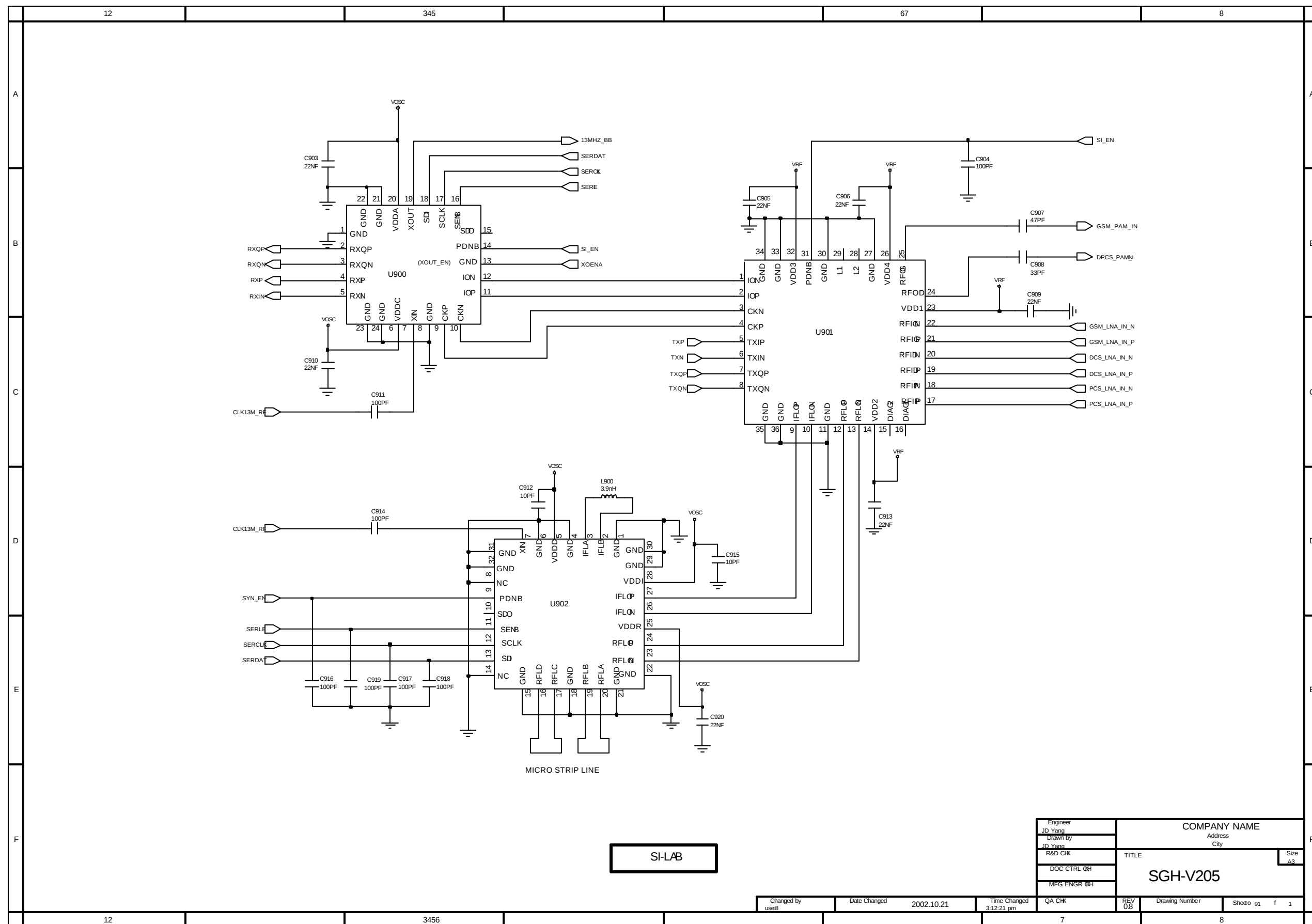
18. CSP1093 Circuit Diagram



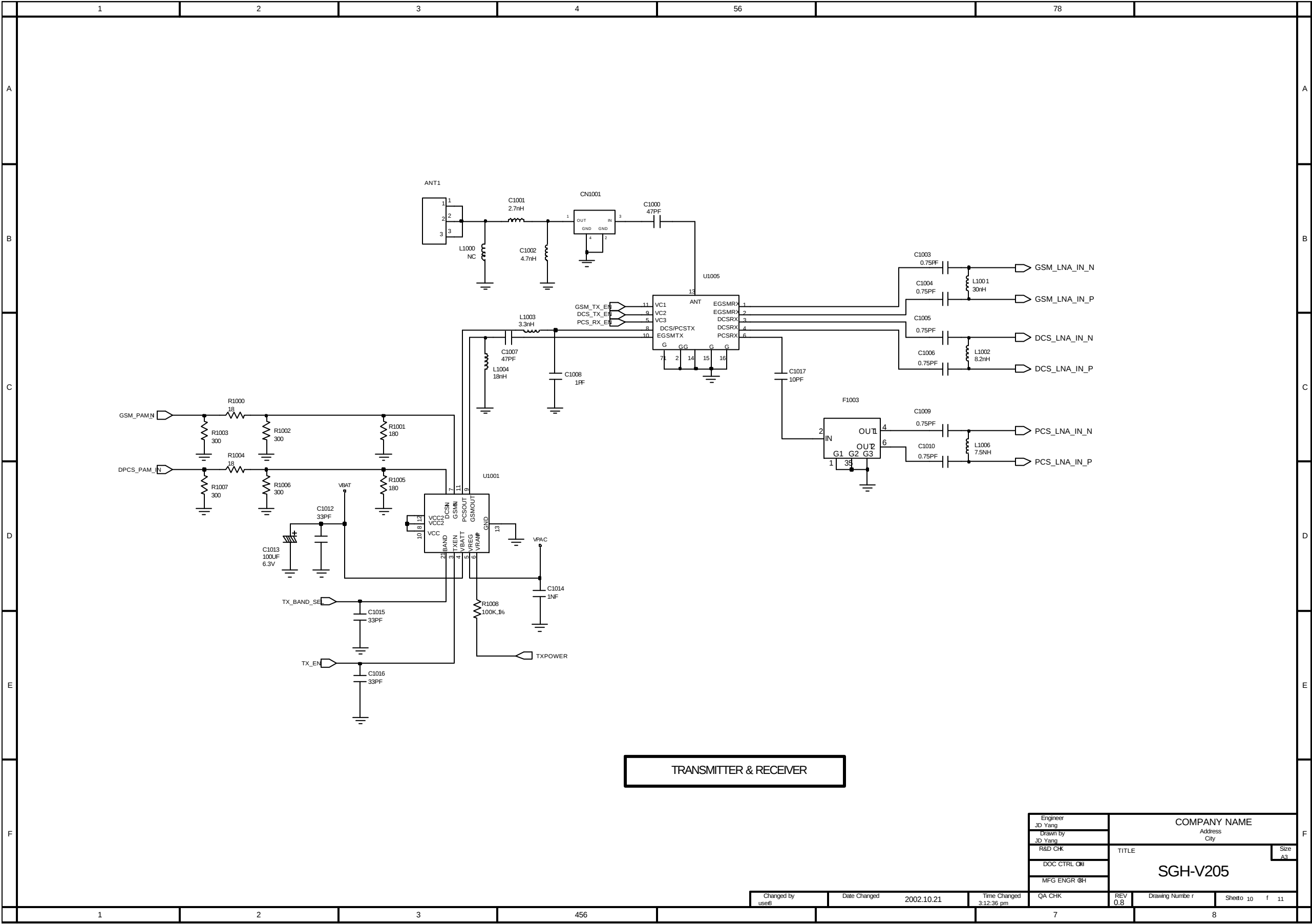
19. X-tal&Keypad&Backlight Circuit Diagram



20. Synthesizer Circuit Diagram



21. Transmitter & Receiver Circuit Diagram



22. Camera Circuit Diagram

