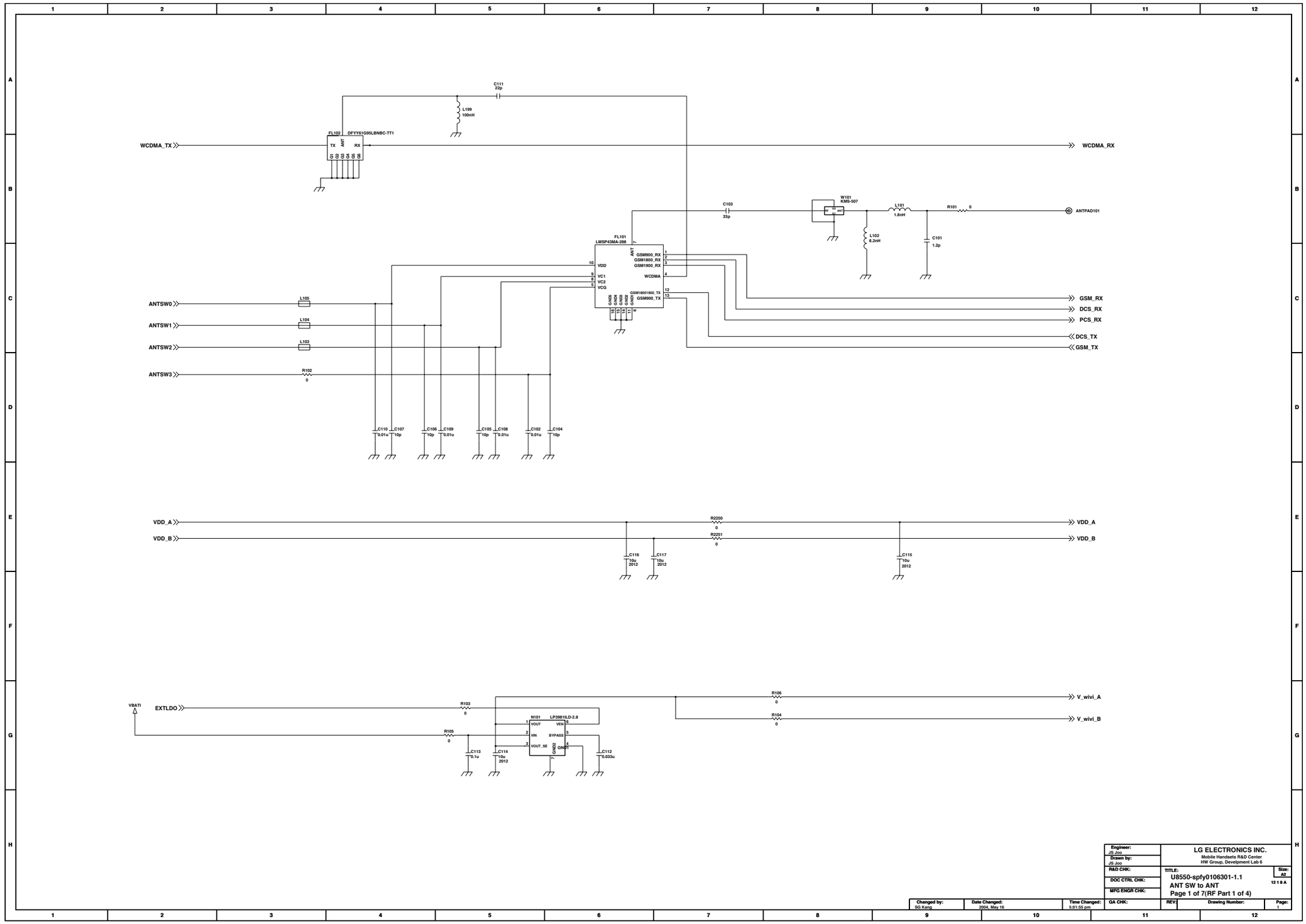
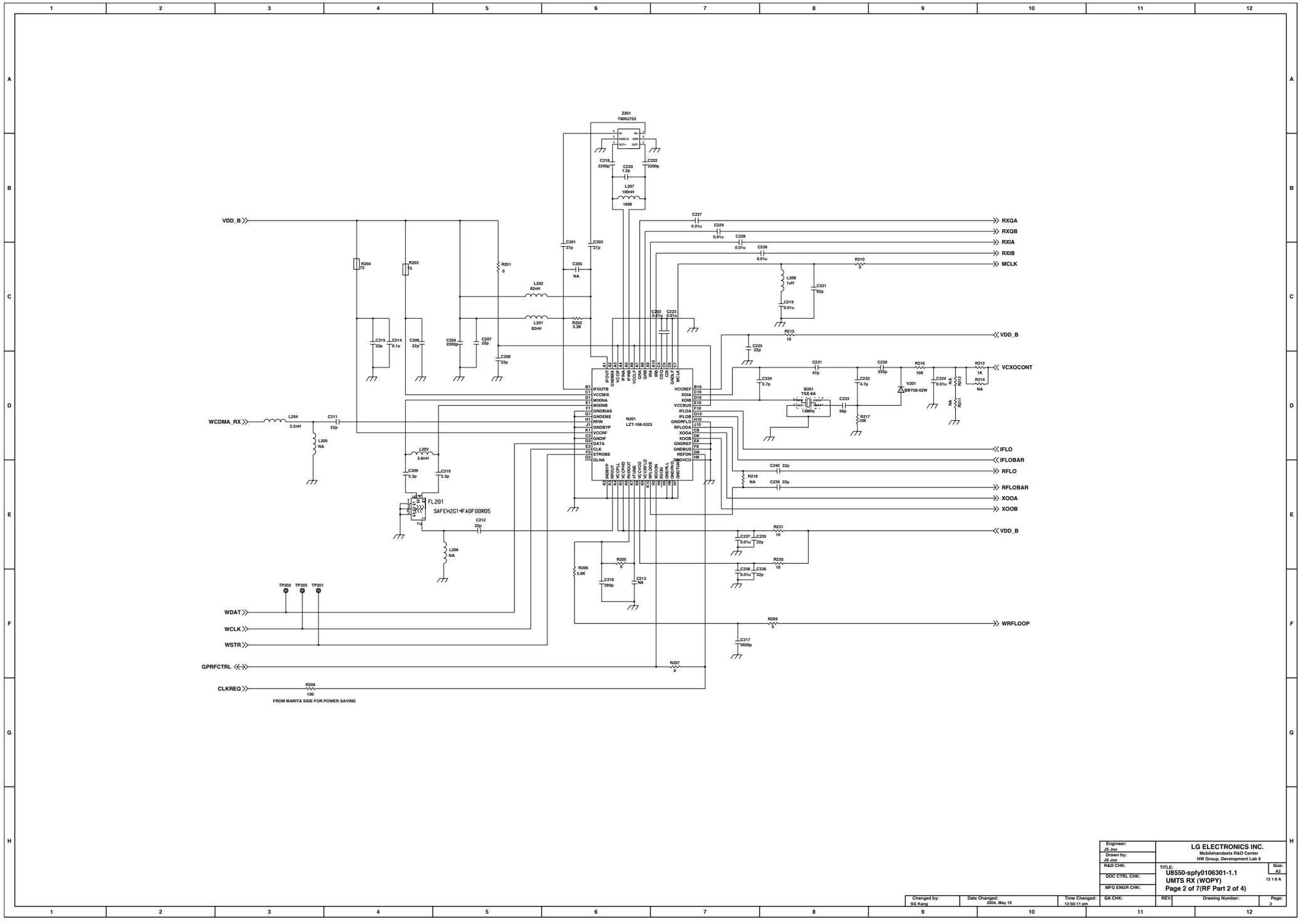
8. CIRCUIT DIAGRAM



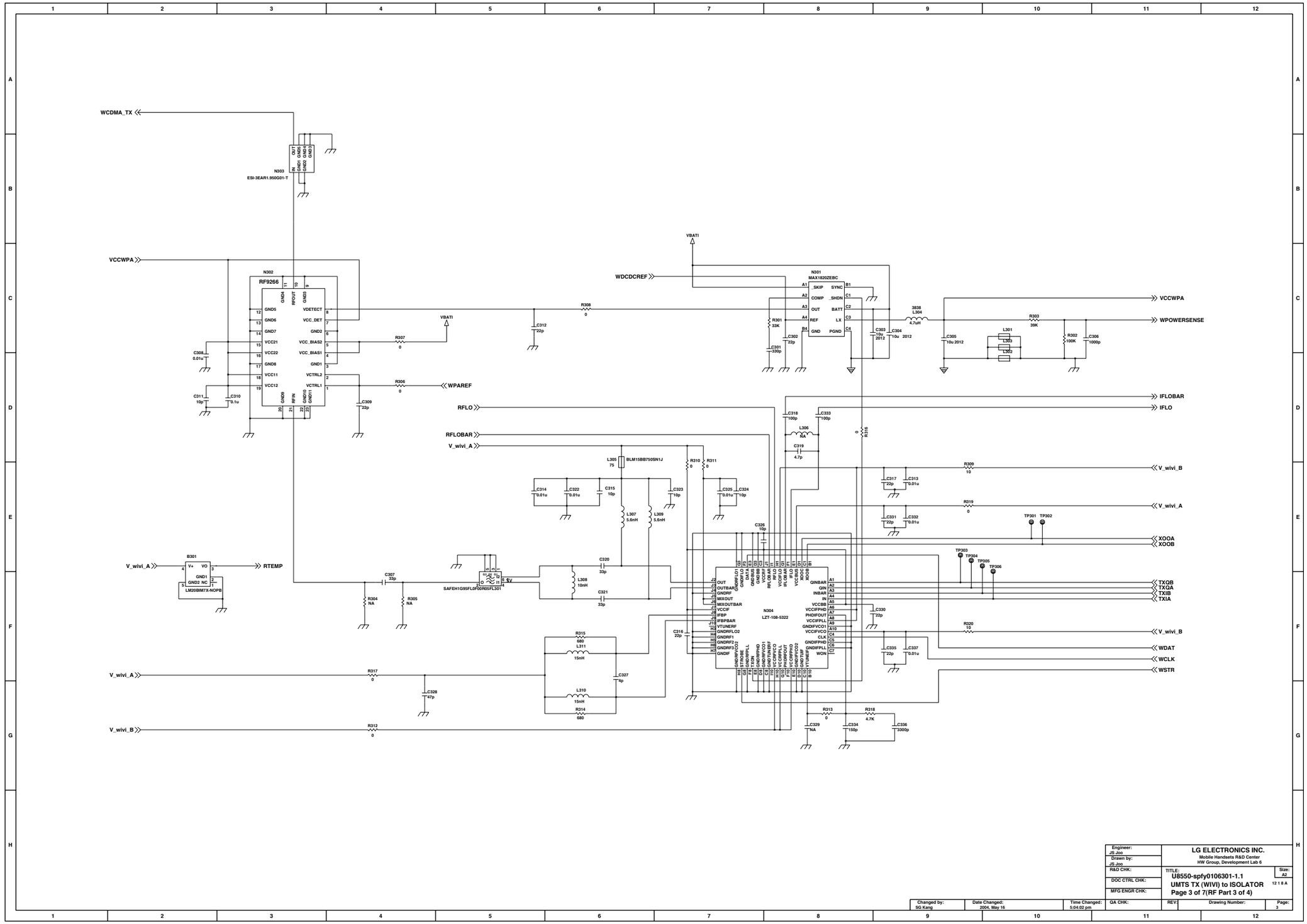
8. CIRCUIT DIAGRAM



Changed by: SG Kang	Date Changed: 2004, May 16	Time Changed: 12:50:11 pm	QA CHK:	REV:	Drawing Number: / Page: 2

Engineer: JS Joo	LG ELECTRONICS INC. Mobilehandsets R&D Center HW Group, Development Lab 6
Drawn by: JS Joo	
R&D CHK:	TITLE: U8550-spfy0106301-1.1 UMTS RX (WOPY) Page 2 of 7(RF Part 2 of 4)
DOC CTRL CHK:	Size: A2
MFG ENGR CHK:	12 1 8 A

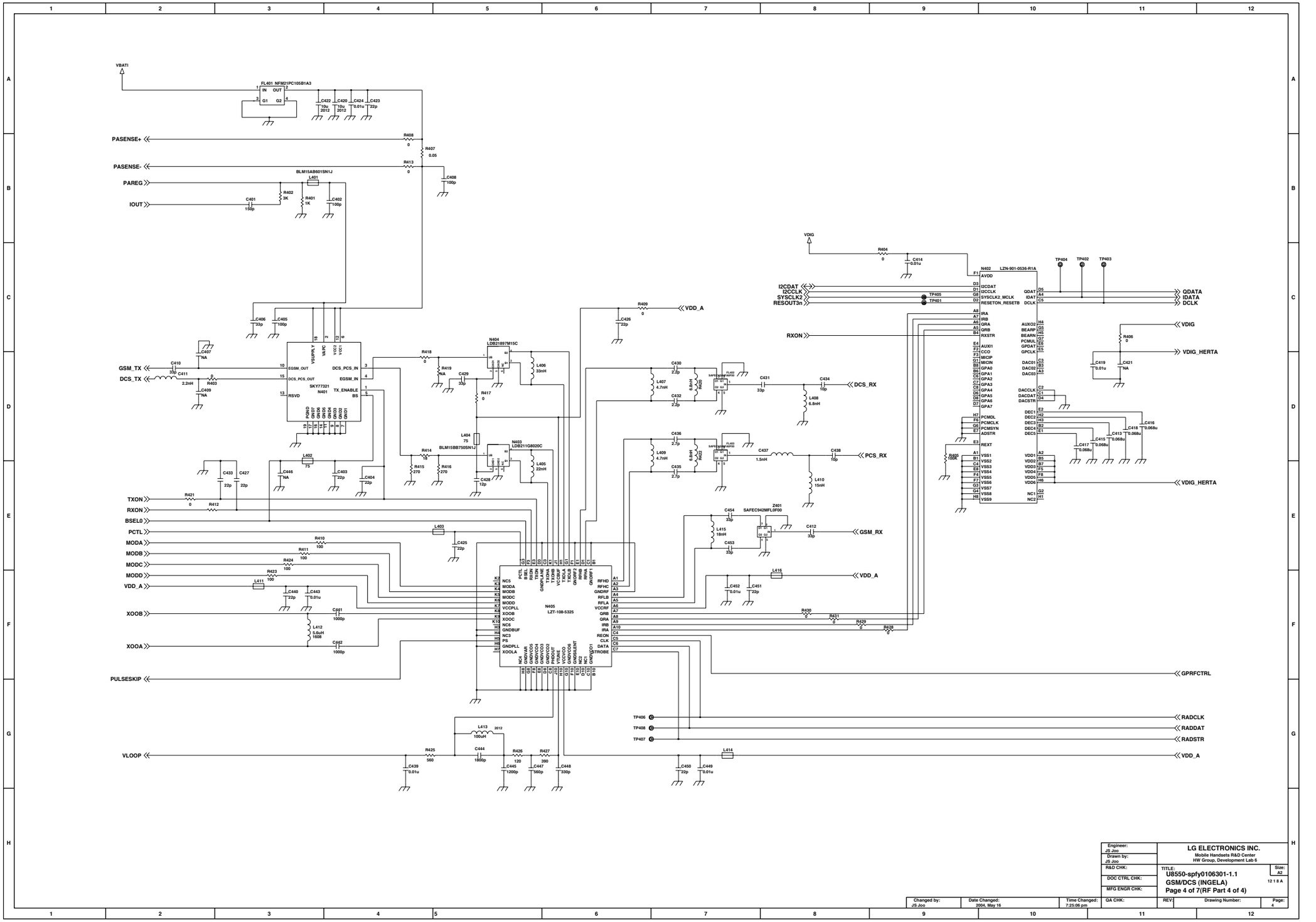
8. CIRCUIT DIAGRAM



Changed by: SG Kang	Date Changed: 2004. May 16	Time Changed: 5:04:02 pm	QA CHK:	REV: / Drawing Number: / Page: 3

Engineer: JS Joo	LG ELECTRONICS INC. Mobile Handsets R&D Center HW Group, Development Lab 6
Drawn by: JS Joo	
R&D CHK:	TITLE: U8550-spfy0106301-1.1 UMTS TX (WIVI) to ISOLATOR Page 3 of 7(RF Part 3 of 4)
DOC CTRL CHK:	Size: A2
MFG ENGR CHK:	12 1 8 A

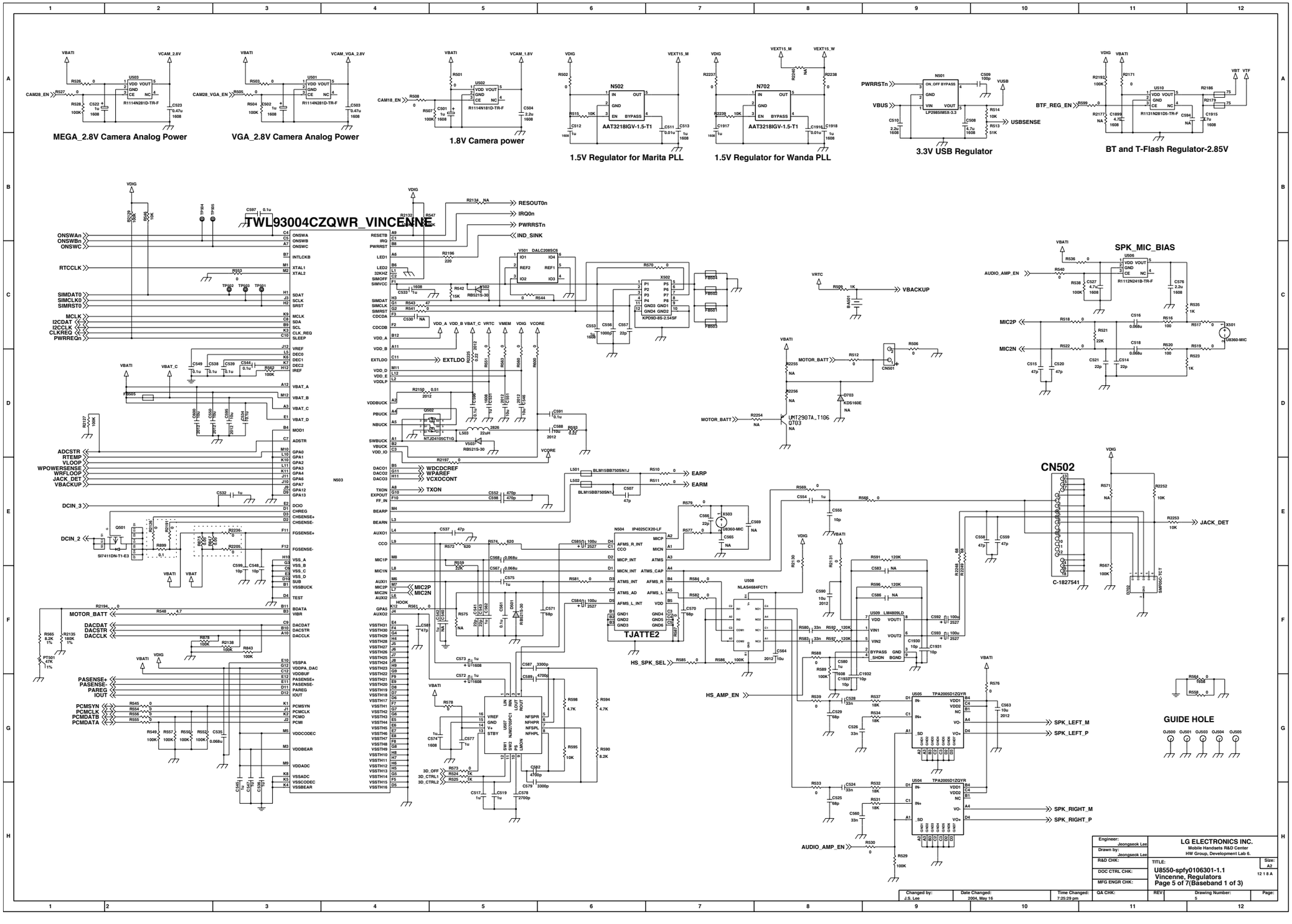
8 CIRCUIT DIAGRAM



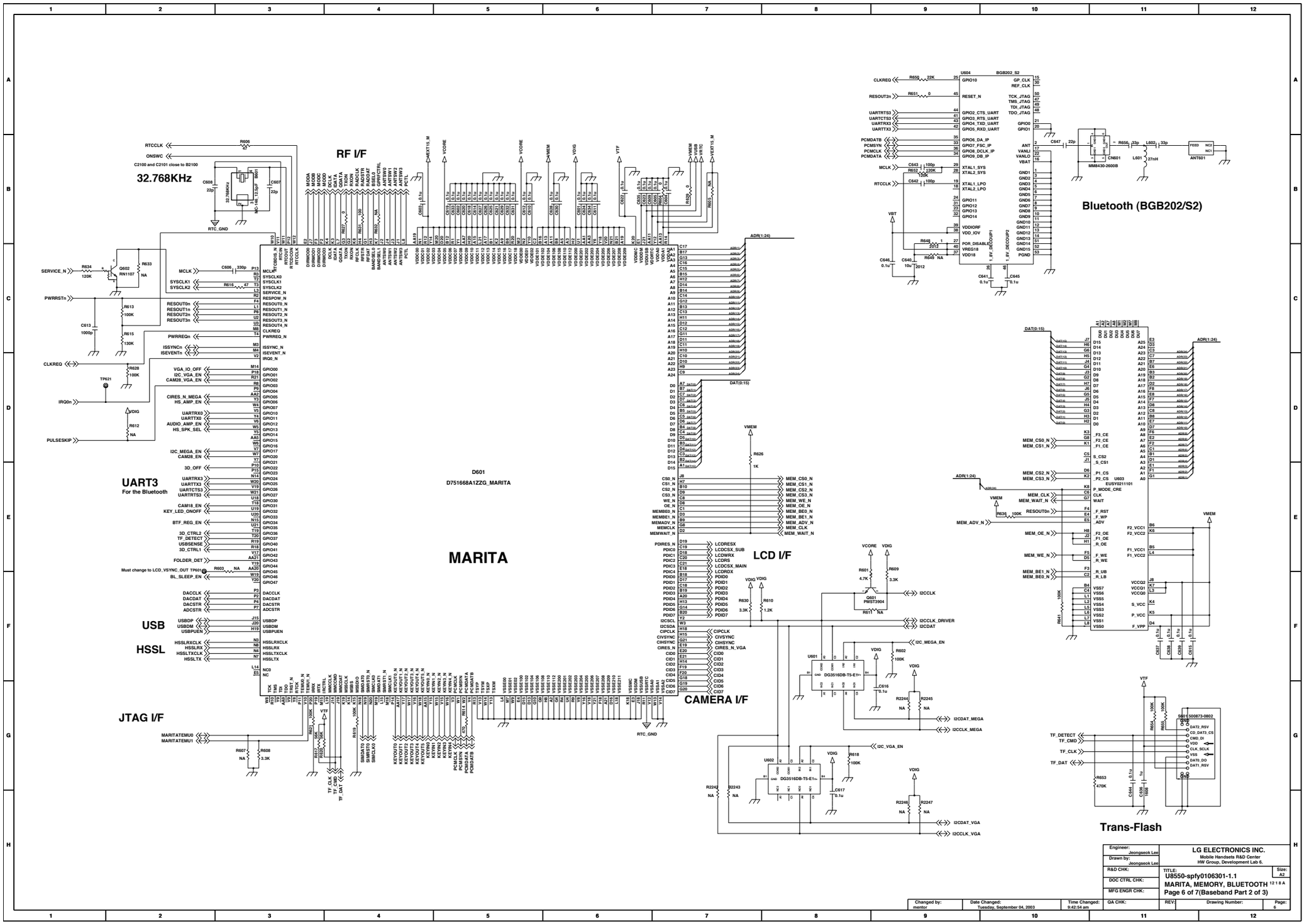
Changed by: JS Joo	Date Changed: 2004, May 16	Time Changed: 7:25:06 pm	QA CHK:	REV:	Drawing Number:	Page: 4

Engineer: JS Joo	LG ELECTRONICS INC.
Drawn by: JS Joo	Mobile Handsets R&D Center
R&D CHK:	HW Group, Development Lab 6
DOC CTRL CHK:	TITLE: U8550-spfy0106301-1.1 GSM/DCS (INGELA) Page 4 of 7(RF Part 4 of 7)
MFG ENGR CHK:	Size: A2
	12 1 8 A

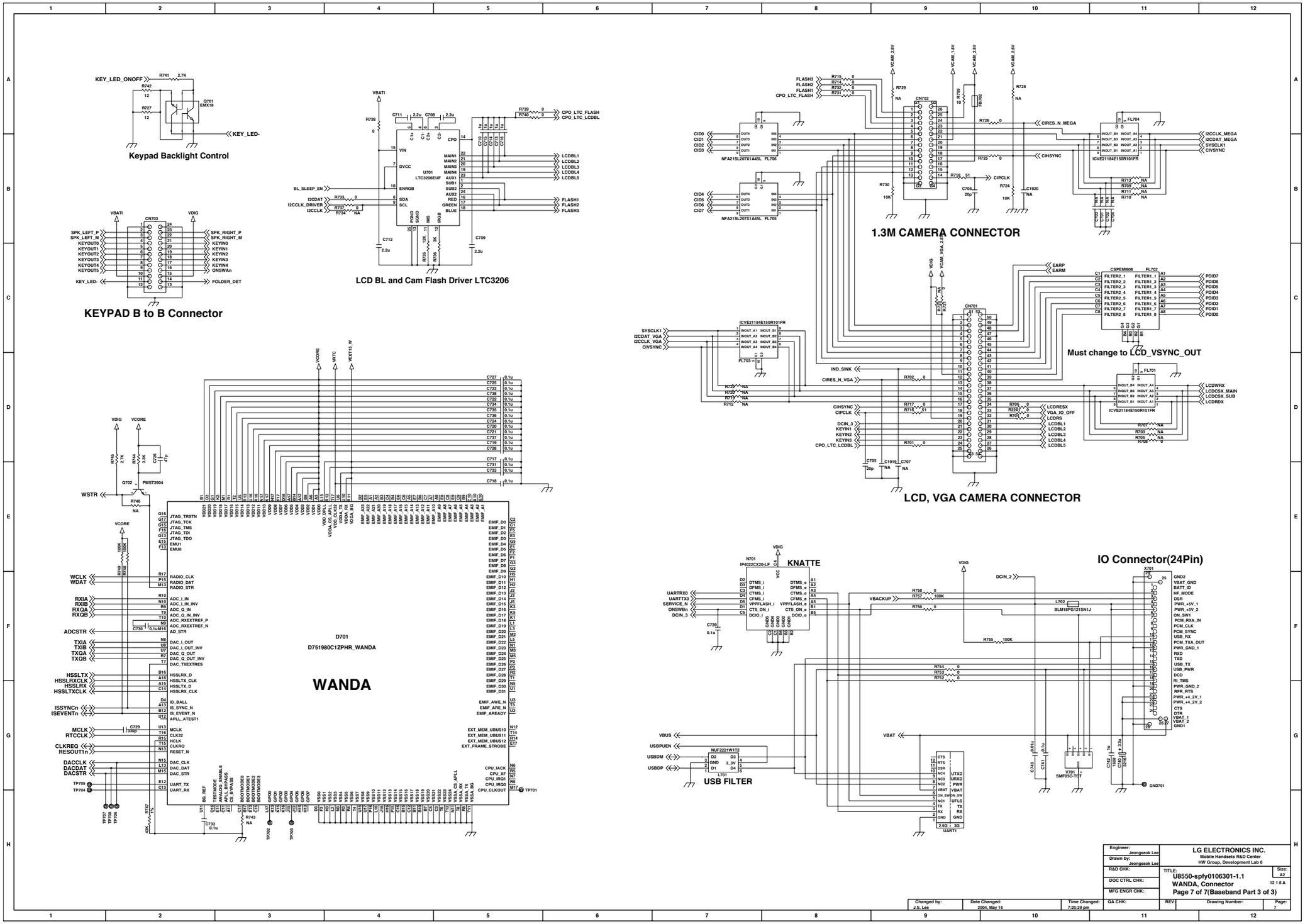
8. CIRCUIT DIAGRAM



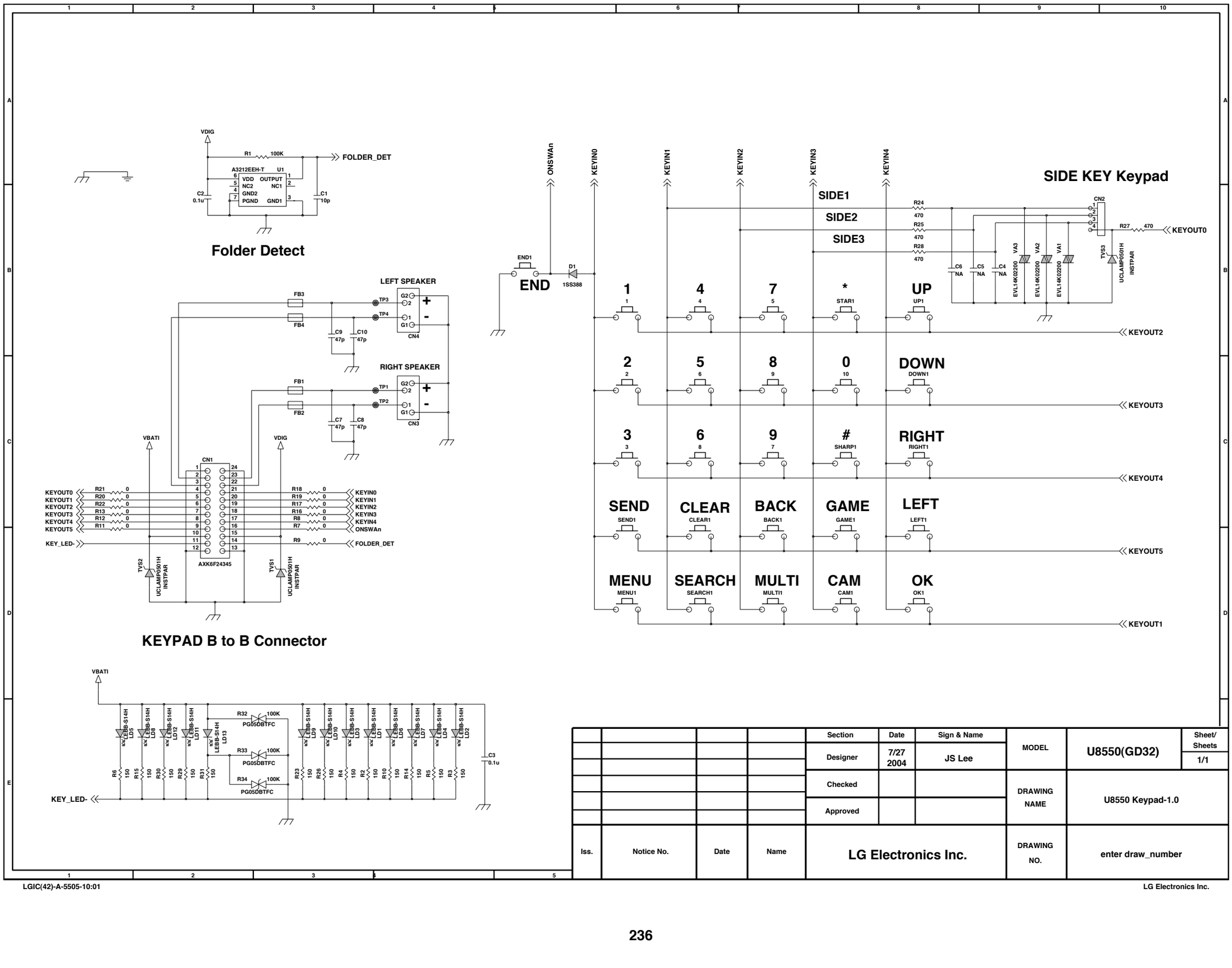
8. CIRCUIT DIAGRAM



8. CIRCUIT DIAGRAM



8. CIRCUIT DIAGRAM

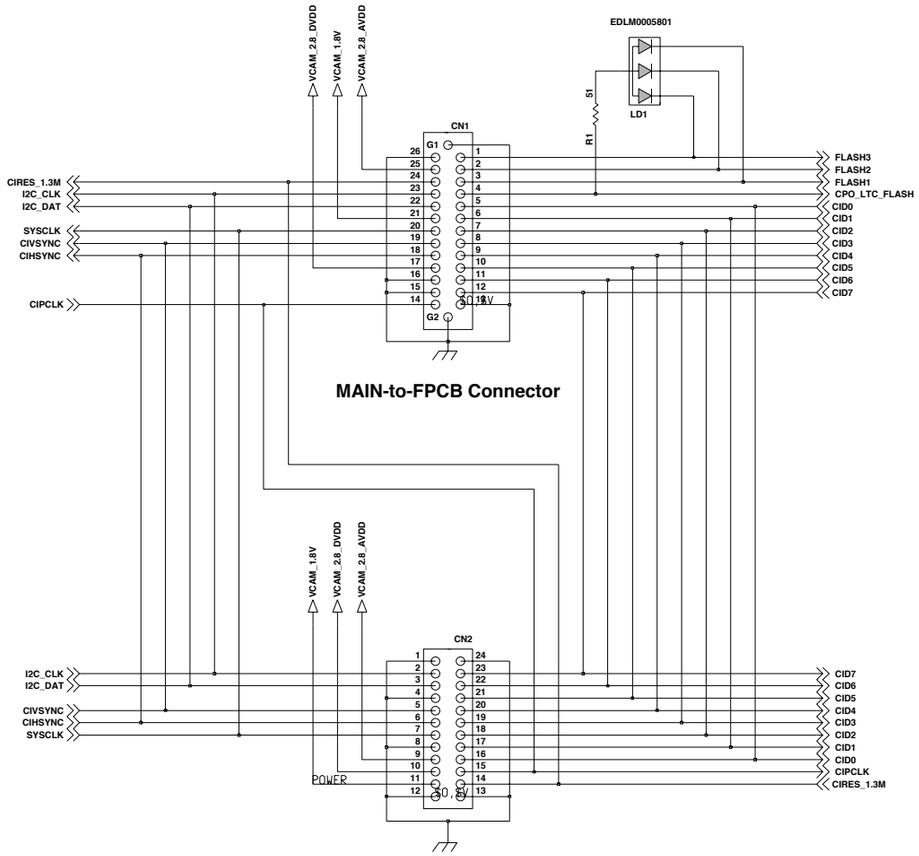


				Section	Date	Sign & Name	MODEL	U8550(GD32)	Sheet/ Sheets
				Designer	7/27 2004	JS Lee			1/1
				Checked			DRAWING NAME	U8550 Keypad-1.0	
				Approved					
Iss.	Notice No.	Date	Name	LG Electronics Inc.			DRAWING NO.	enter draw_number	

LGIC(42)-A-5505-10:01

LG Electronics Inc.

8. CIRCUIT DIAGRAM

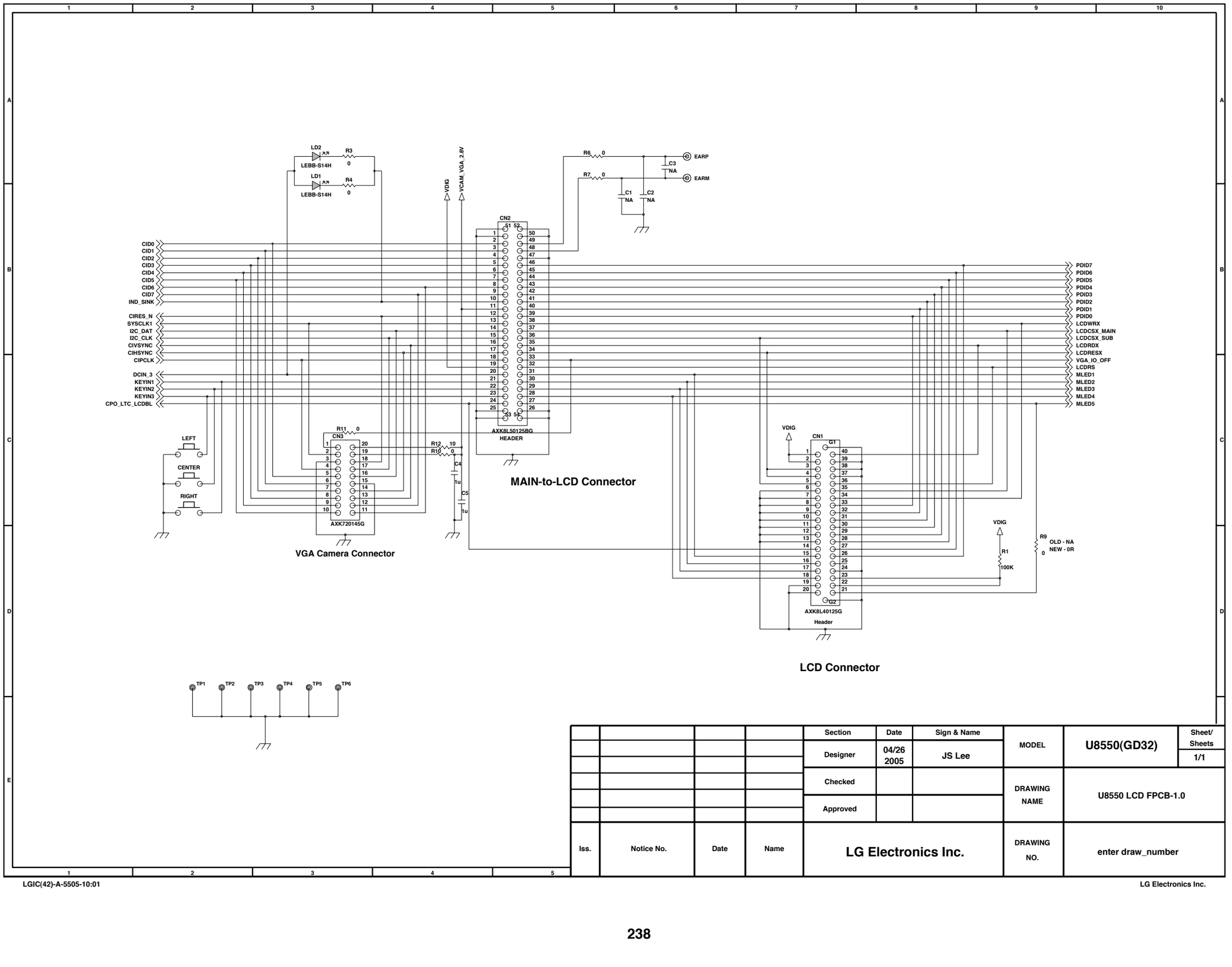


				Section	Date	Sign & Name	MODEL	U8550	Sheet/ Sheets
				Designer	03/28 2005	JS Lee			1/1
				Checked			DRAWING NAME	U8550 Mega Camera FPCB-1.0	
				Approved					
Iss.	Notice No.	Date	Name	LG Electronics Inc.			DRAWING NO.	enter draw_number	

LGIC(42)-A-5505-10:01

LG Electronics Inc.

8. CIRCUIT DIAGRAM

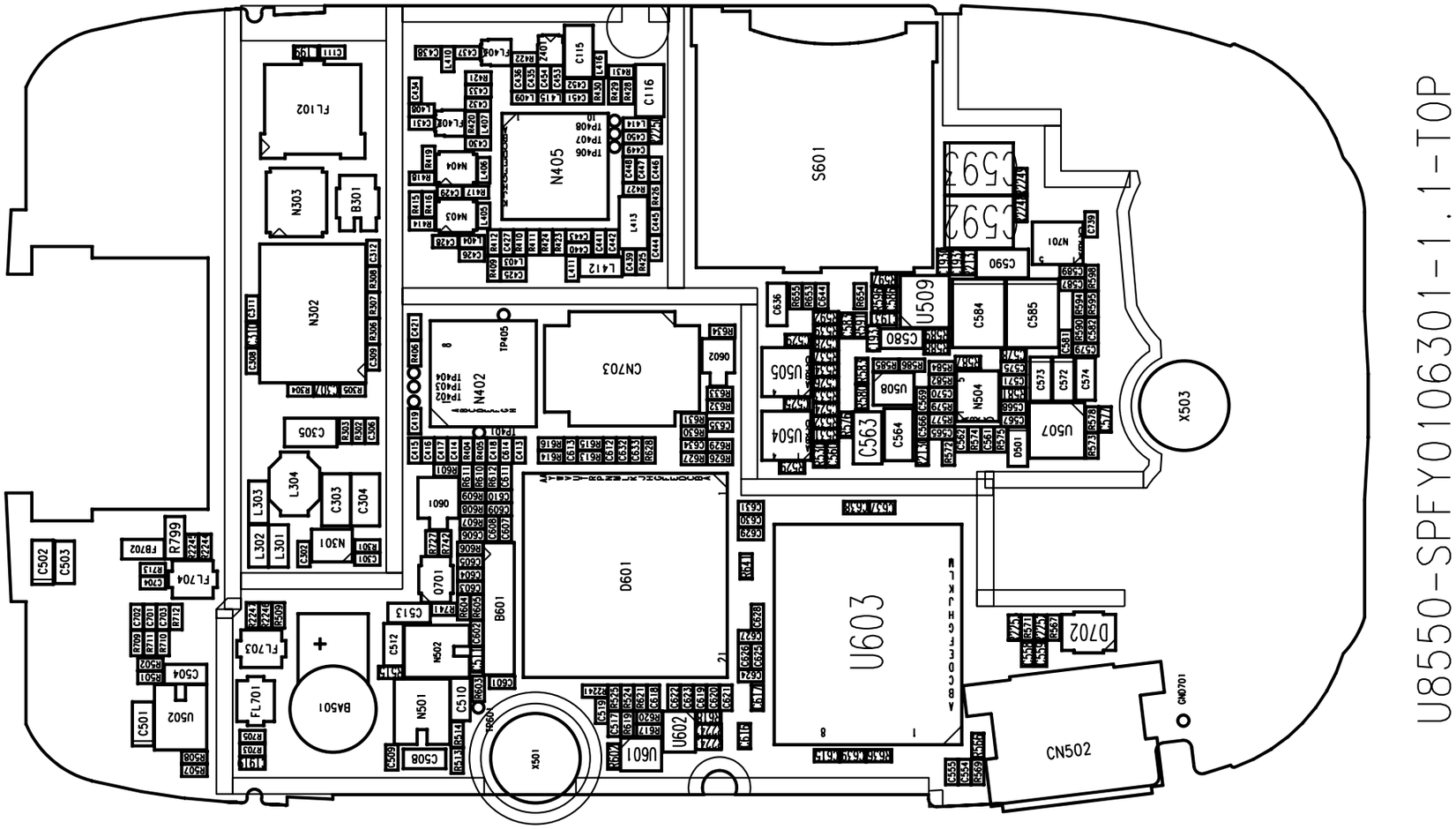


				Section	Date	Sign & Name	MODEL	U8550(GD32)	Sheet/ Sheets
				Designer	04/26 2005	JS Lee			1/1
				Checked			DRAWING NAME	U8550 LCD FPCB-1.0	
				Approved					
Iss.	Notice No.	Date	Name	LG Electronics Inc.			DRAWING NO.	enter draw_number	

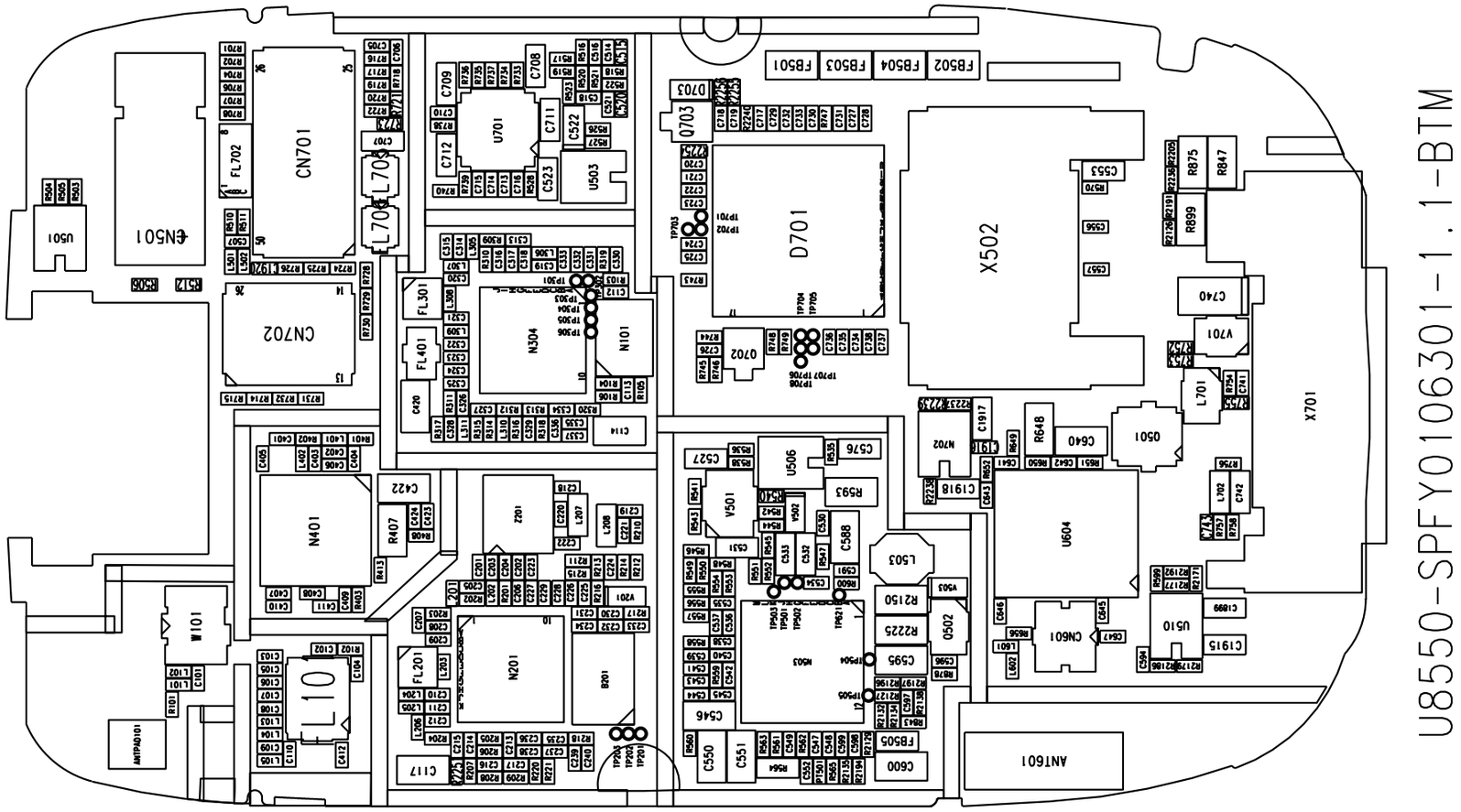
LGIC(42)-A-5505-10:01

LG Electronics Inc.

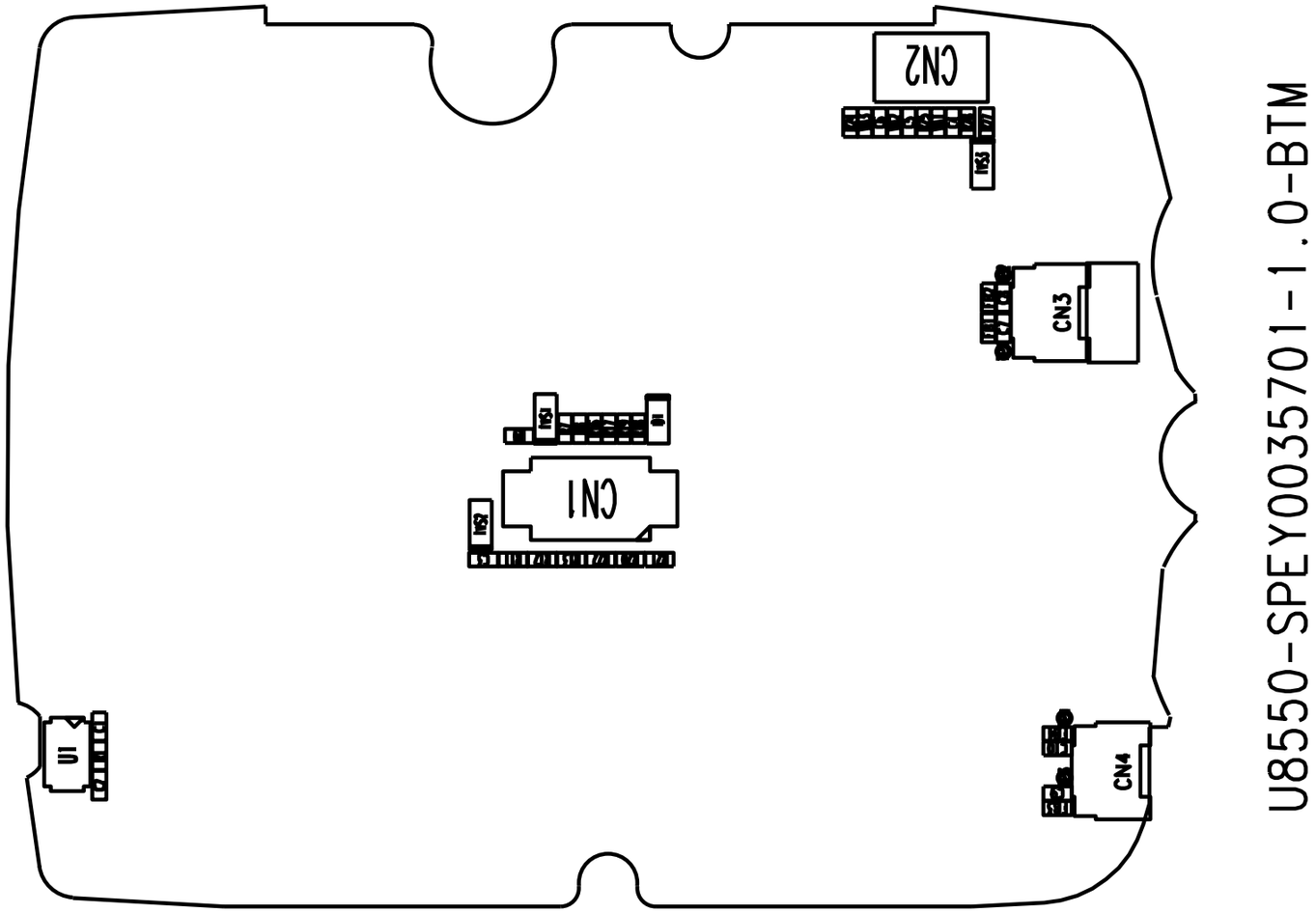
9. PCB LAYOUT


U8550-SPFY0106301-1.1-TOP
FL102
N303
B301
N302
N405
C116
C115
S601
U509
C580
C584
C585
U505
U508
N504
C573
C572
C574
U504
C563
C564
U507
D501
X503
N701
C590
C592
C591
CN703
N402
TP405
TP402
TP403
TP404
Q602
C305
L304
L303
L302
L301
C303
C304
N301
Q601
D601
B601
R799
FB702
FL704
C502
C503
C504
U502
C501
FL703
FL701
BA501
Q701
C513
N502
N501
C510
C512
C508
X501
U601
U602
U603
D702
CN502
GND701

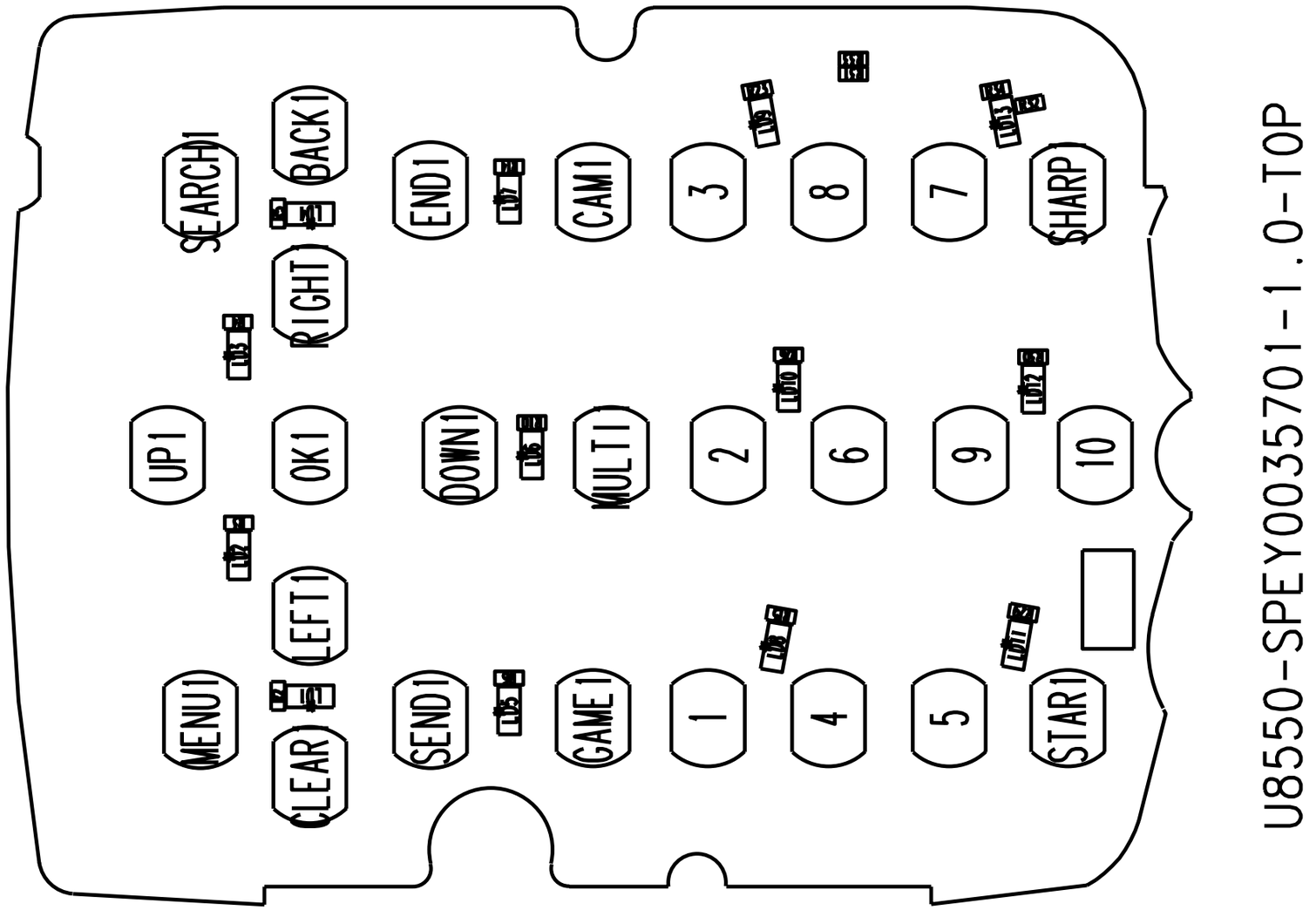
9. PCB LAYOUT


U8550-SPFY010630 1-1.1-BTM
CN701
CN702
U701
U503
D701
X502
X701
U506
V501
U604
U510
CN601
ANT601
N304
N101
N401
N201
Z01
B201
Q703
Q702
Q502
Q501
L503
L701
Y701
C740
R875
R847
R899
C553
C640
R648
C576
R593
C588
C522
C523
C708
C709
C712
C711
C422
R407
C527
C546
C550
C551
C595
C600
C1918
C1915
C1917
R2150
R2225
FBS501
FBS502
FBS503
FBS504
FBS505
FL701
FL702
FL709
FL708
FL301
FL401
FL201
FL10
U501
ANTPAD101

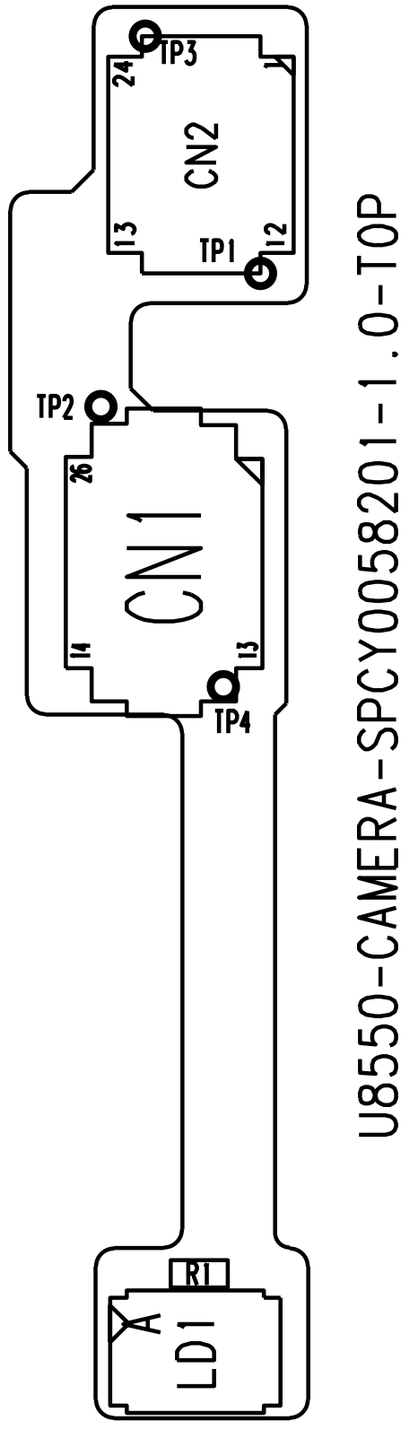
9. PCB LAYOUT



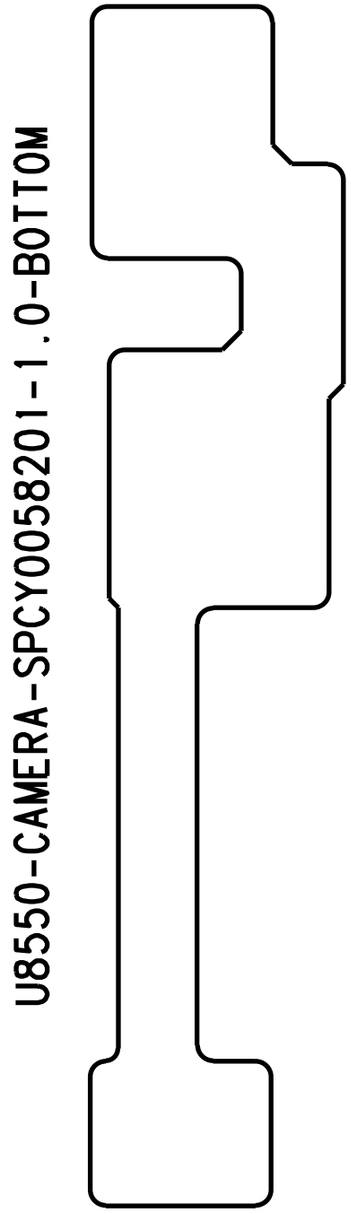
9. PCB LAYOUT


SEARCH1
BACK1
RIGHT1
END1
CAM1
3
8
7
SHARP1
UP1
OK1
DOWN1
MULTI1
2
6
9
10
LEFT1
MENU1
CLEAR1
SEND1
GAME1
1
4
5
STAR1
U8550-SPEY0035701-1.0-TOP

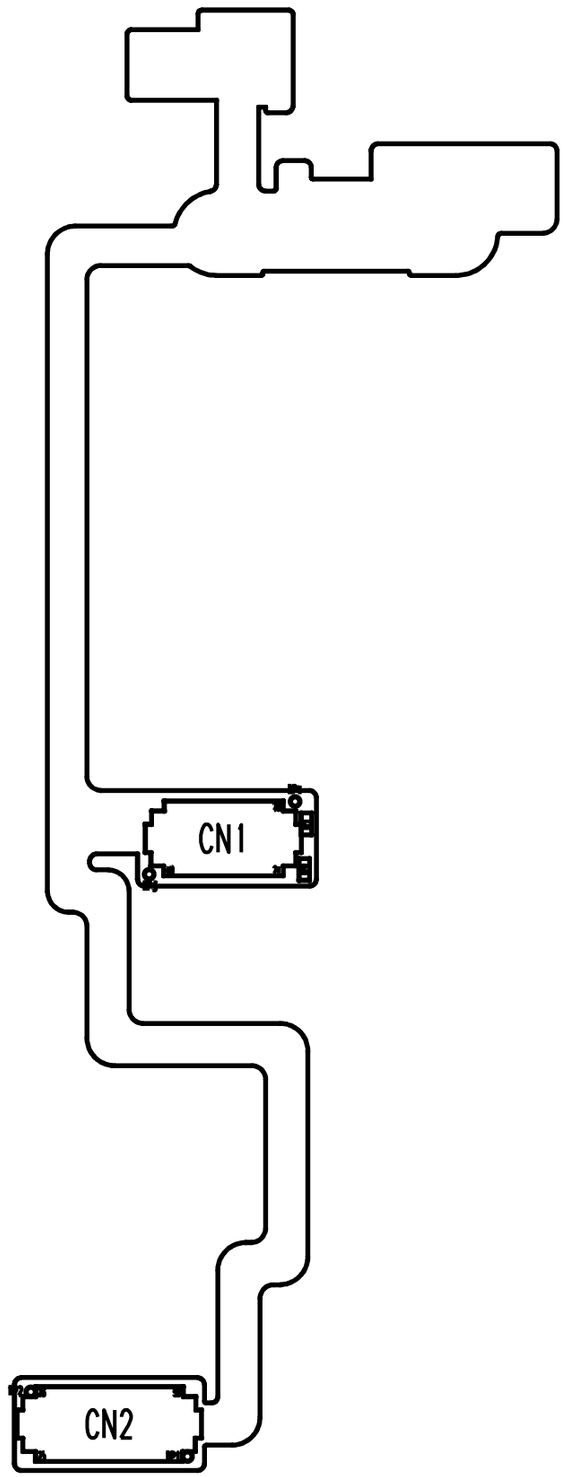
9. PCB LAYOUT


TP3
24
1
CN2
13
12
TP1
TP2
26
CN1
14
13
TP4
R1
A
LD1
U8550-CAMERA-SPCY0058201-1.0-TOP

9. PCB LAYOUT

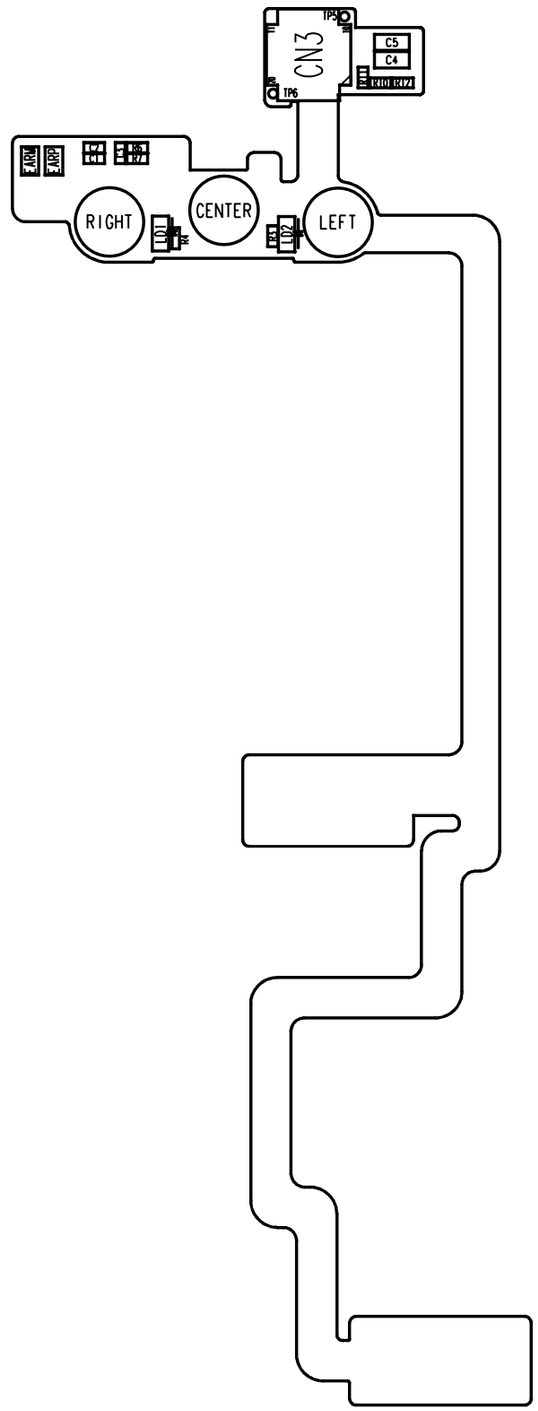


9. PCB LAYOUT



U8550-LCD-FPCB-1.0-TOP

9. PCB LAYOUT



U8550-LCD-FPCB-1.0-BOTTOM