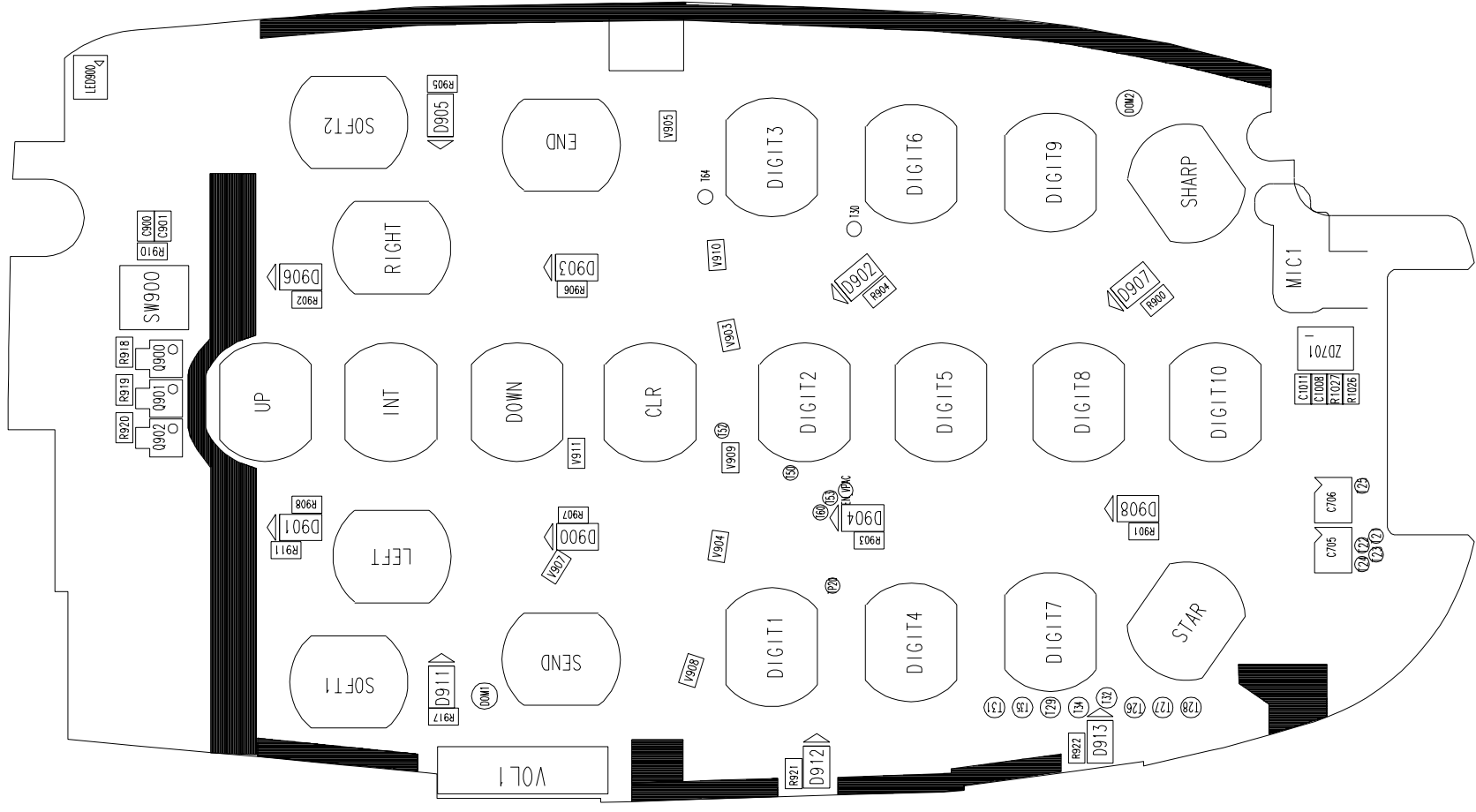
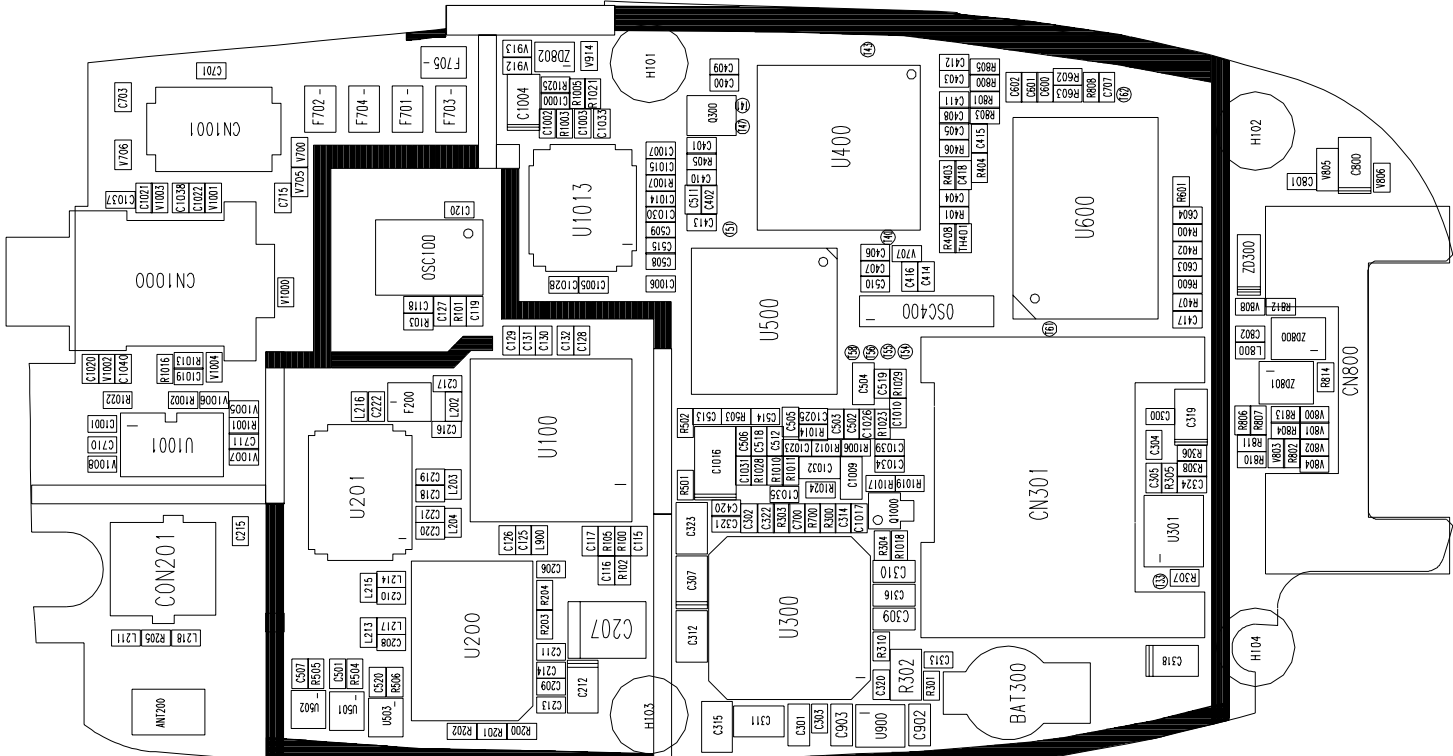


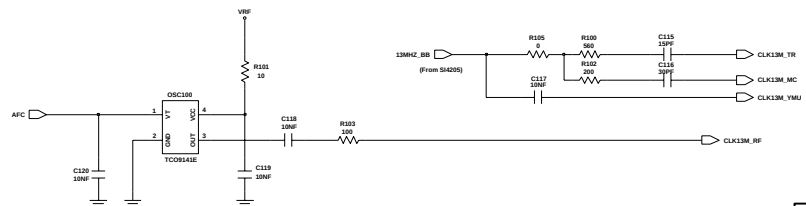
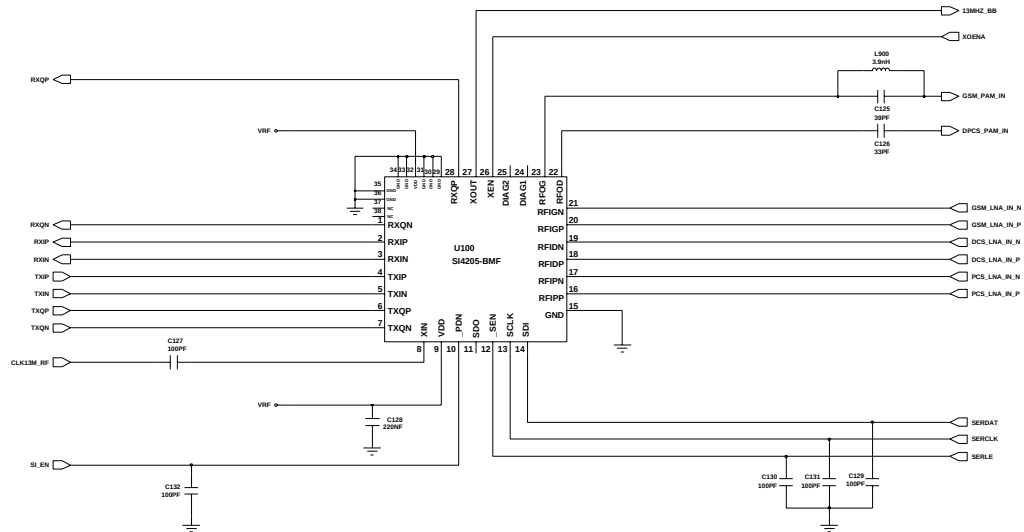


ANT NCS
NC1 NC6
NC2 MOT+
NC3 MIC+
NC4 SPK
TX SPK+
RX D
PWR D+
GND V-BUS
VBAT GND1
F_WE NC11
TCK NC12
TMS NC13
TD1 NC14
TD0 NC15
PRST NC16



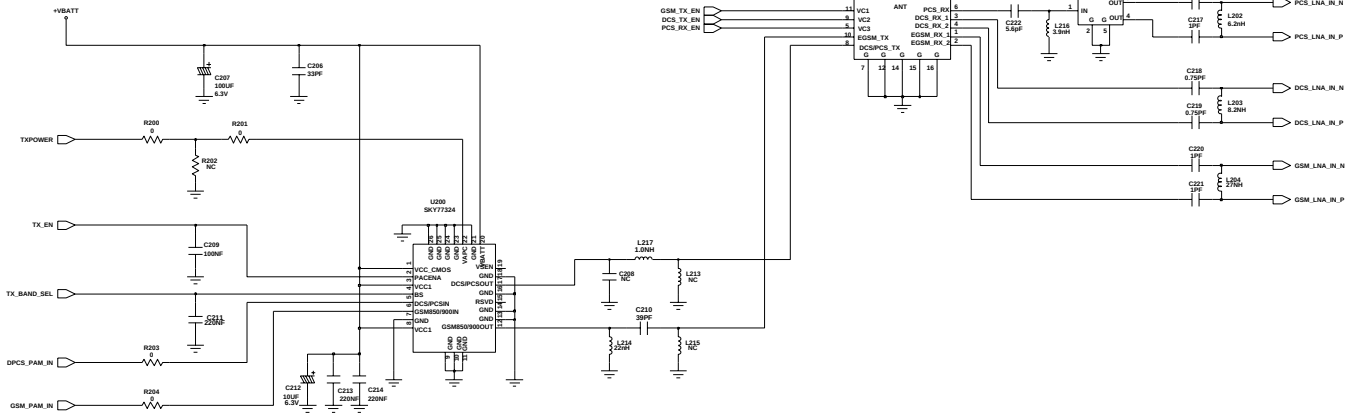
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15

0.39 054X-R2



Engineer	SAMSUNG ELECTRONICS SGH-X450			Size A3
Drawn by				
R&D CHK				
DOC CTRL CHK				
MGF ENGR CHK				
QA CHK	REV 3.0	Drawing Number	Sheet 1 of 10	

Changed by user8	Date Changed 2004.04.14	Time Changed 3:12:21 pm	QA CHK	REV 3.0	Drawing Number	Sheet 1 of 10
---------------------	----------------------------	----------------------------	--------	------------	----------------	---------------



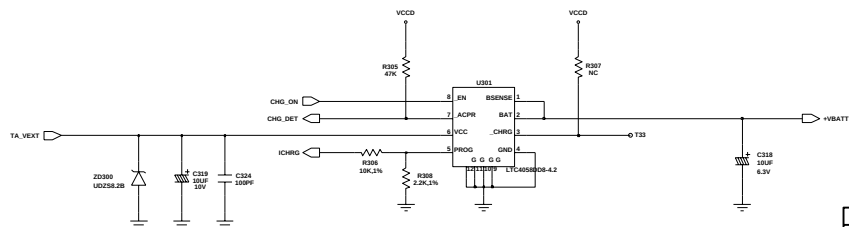
TRANSMITTER & RECEIVER

Engineer	SAMSUNG ELECTRONICS		
Drawn by			
RED CHK	TITLE:		Size
DOC CTRL CHK			A3
MFG ENGR CHK			
		SGH-X450	

Changed by user6	Date Changed 2004.04.14	Time Changed 3:12:36 pm	QA CHK	REV 3.0	Drawing Number	Sheet 2 of 10
---------------------	----------------------------	----------------------------	--------	------------	----------------	---------------

KEY_COL(2) 

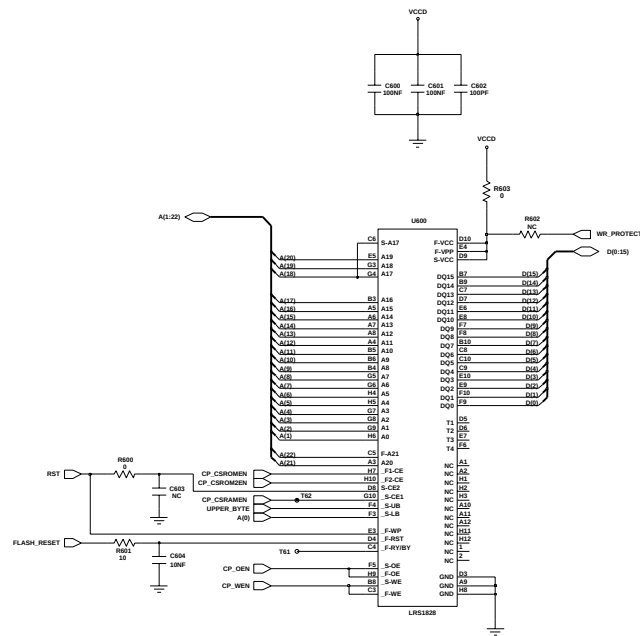
KEY_ROW(0) 



Changed by user8	Date Changed 2004.04.14	Time Changed 3:09:15 pm	QA CHK	REV 3.0	Drawing Number	Sheet 3 of 10
---------------------	----------------------------	----------------------------	--------	------------	----------------	---------------



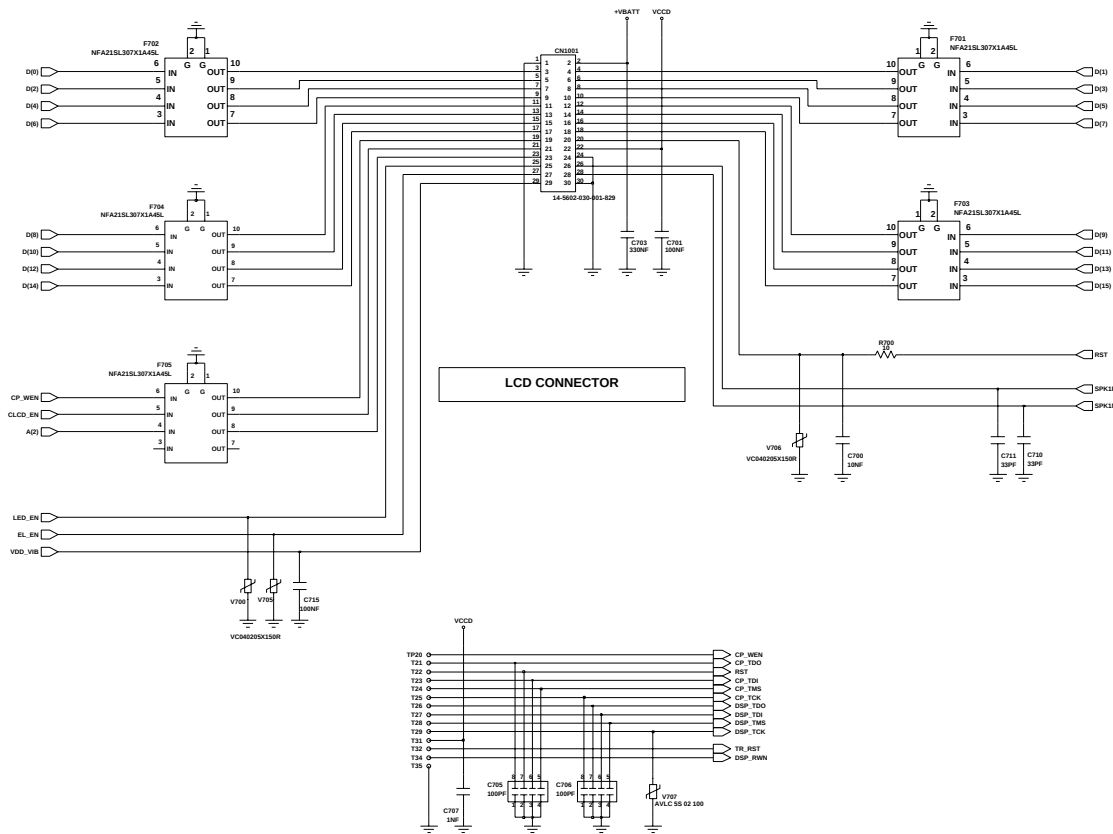
Changed by user8	Date Changed 2004.04.14	Time Changed 3:11:43 am	QA CHK	REV 3.0	Drawing Number	Sheet 5 of 10
---------------------	----------------------------	----------------------------	--------	------------	----------------	---------------



MEMORY

Engineer	SAMSUNG ELECTRONICS		
Drawn By	TITLE:		
RED CHK	Size		
DOC CTRL CHK	AS		
MFG ENGR CHK	SGH-X450		
QA CHK	REV	Drawing Number	Sheet 6 of 10
3.9	7	8	

Changed By	Date Changed	Time Changed
user	2004.04.14	3:11:09 pm



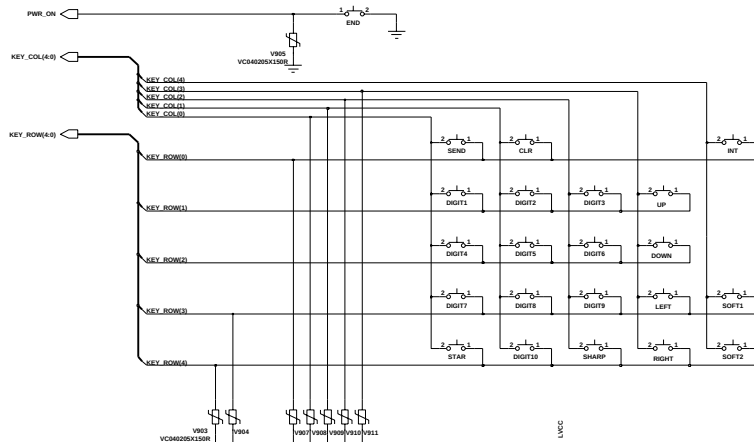
JTAG CON

Engineer	SAMSUNG ELECTRONICS		
Drawn by			
RED CHK	TITLE:		
DOC CTRL CHK			
MFG ENGR CHK	SGH-X450		
QA CHK	REV	Drawing Number	Sheet 7 of 10
	3.0		

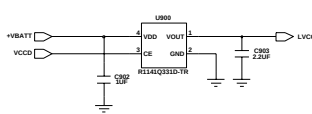
Changed by: user Date Changed: 2004.04.14 Time Changed: 3:09:54 pm



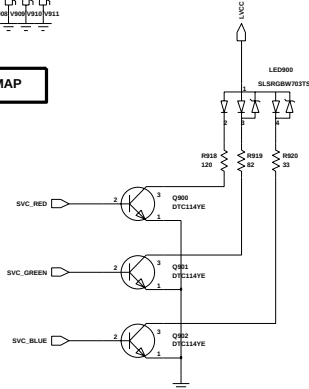
Engineer	SAMSUNG ELECTRONICS SGH-X450				
Drawn by					
R&D CHK				TITLE:	Size A3
DOC CTRL CHK					
MFG ENGR CHK					
QA CHK	REV	Drawing Number	Sheet 8 of 10		



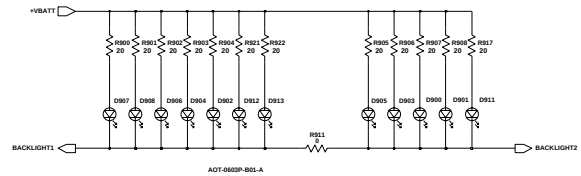
KEY MAP



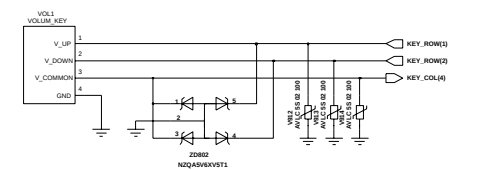
SERVICE LED



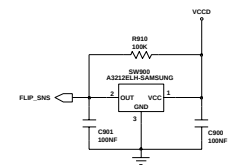
DOM-GUIDE HOLE



KEY LED

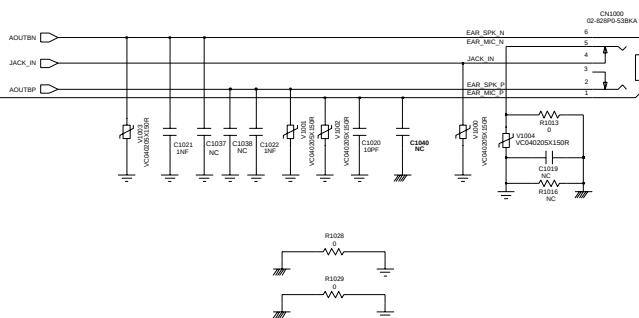


SIDE KEY



HALL IC

Engineer	SAMSUNG ELECTRONICS		
Drawn by	TITLE: SGH-X450		
RED CHK	Sheet 9 of 10		
DOC CTRL CHK			
MFG ENGR CHK			



AUDIO

Engineer	SAMSUNG ELECTRONICS TITLE: SGH-X450
Drawn by	
R&D CHK	
DOC CTRL CHK	
MFG ENG'G CHK	