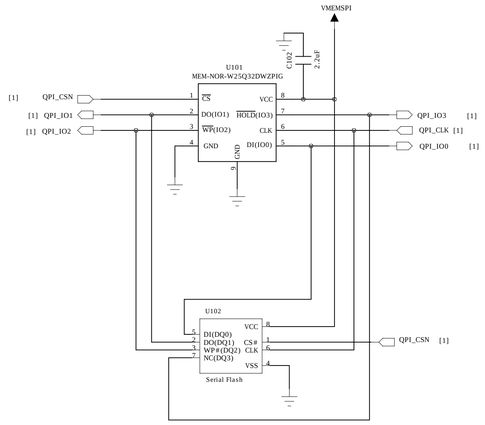
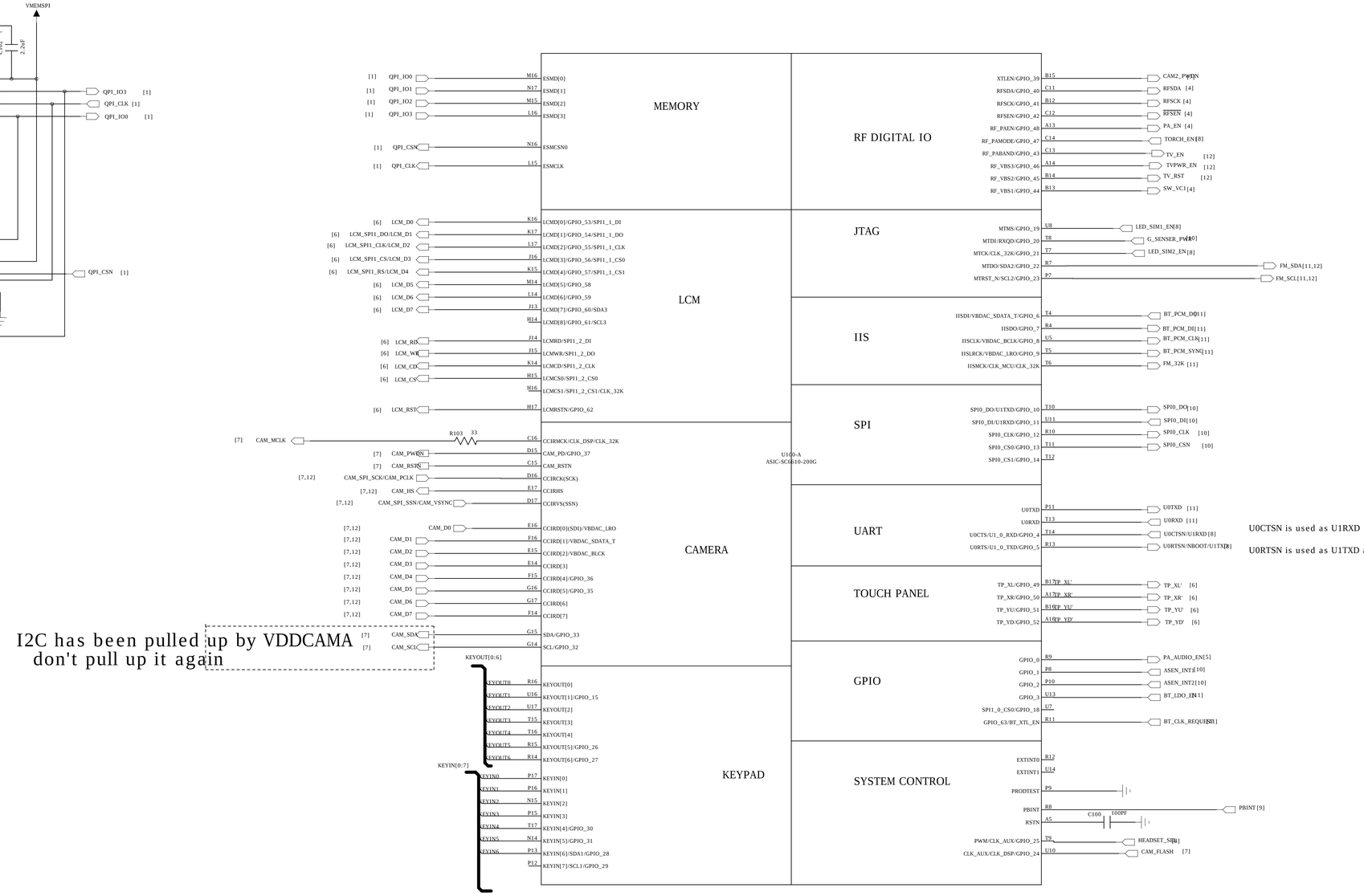
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

JTAG

Serial Flash WSON-8





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DOCUMENT NO.: HW-SC6610-SCH-2011-0001			
DESIGNER: Franks.Miao	DATED: 2011-02-14	DEPARTMENT: Hardware RD.	
EQA: Robin.Zhang	DATED: 2011-02-14	COMPANY: Spreadtrum communications, Inc.	
APPROVED: Guobing.Luan	DATED: 2011-02-14	CONFIDENTIAL AND PROPRIETARY	SHEET: 1 OF 16

REVISION RECORD			
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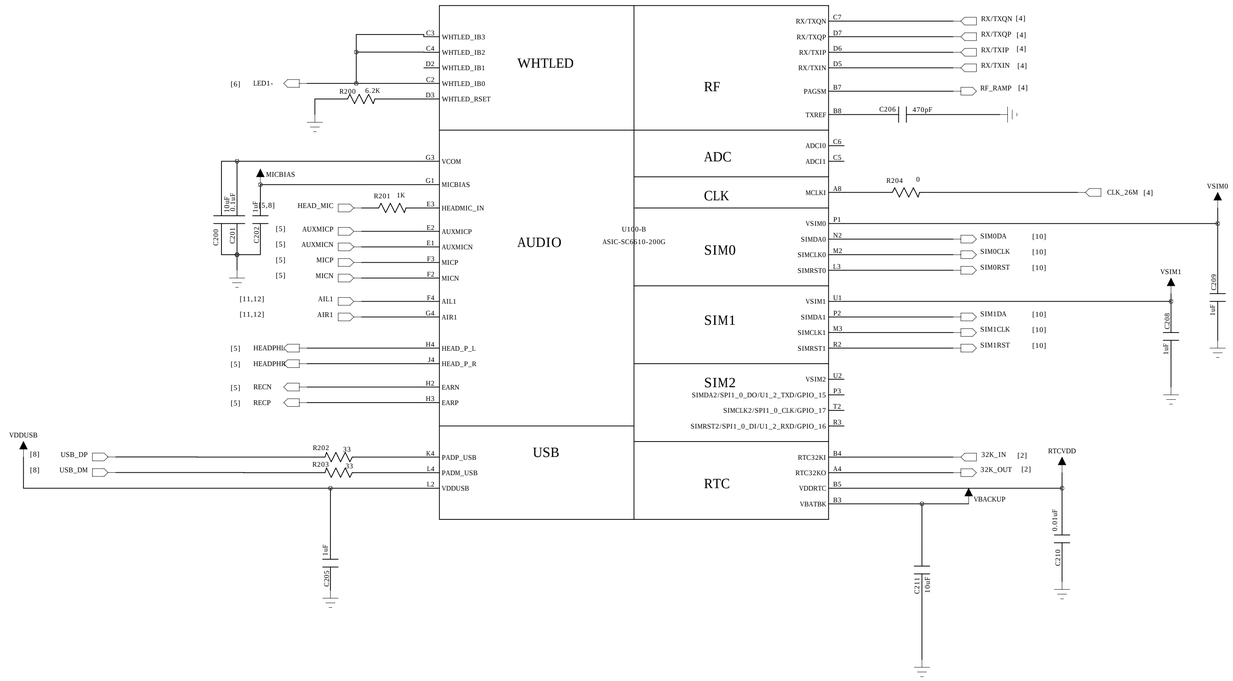

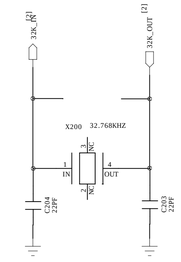

DESIGNER: Franks.Miao	DATED: 2011-02-14	TITLE & REV: SC6610_PLATFORM_REFERENCE_SCH_V1.0.0.sch
		DOCUMENT NO.: HW-SC6610-SCH-2011-0001
EQA: Robin.Zhang	DATED: 2011-02-14	DEPARTMENT: Hardware RD.
APPROVED: Guobing.Luan	DATED: 2011-02-14	COMPANY: Spreadtrum communications, Inc.
		CONFIDENTIAL AND PROPRIETARY / SHEET: 2 OF 16

REVISION RECORD			
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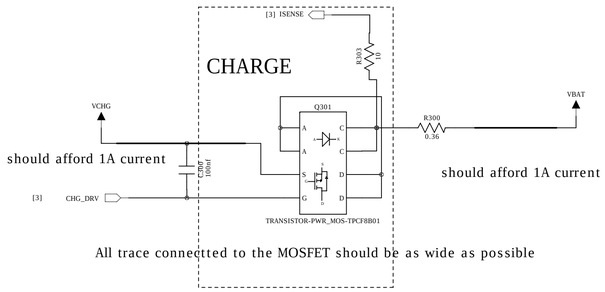
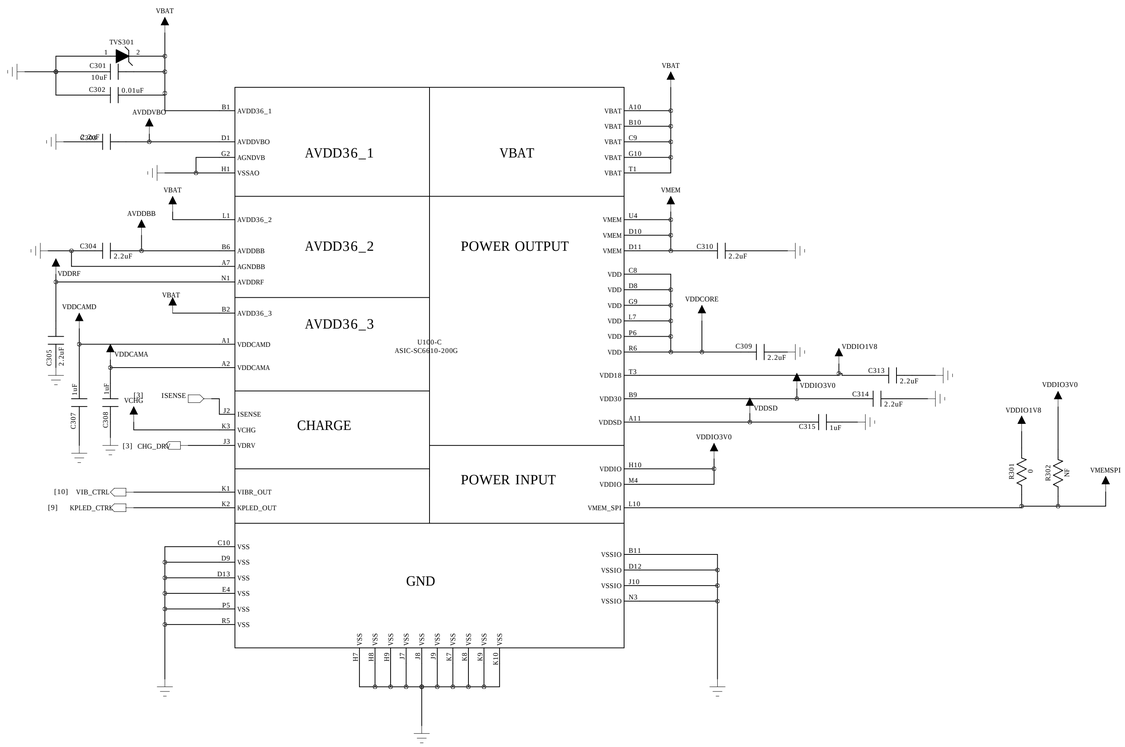
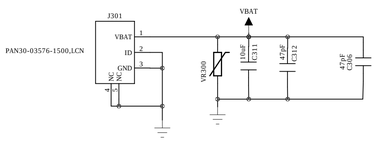


All trace connectted to the MOSFET should be as wide as possible



BAT CON.



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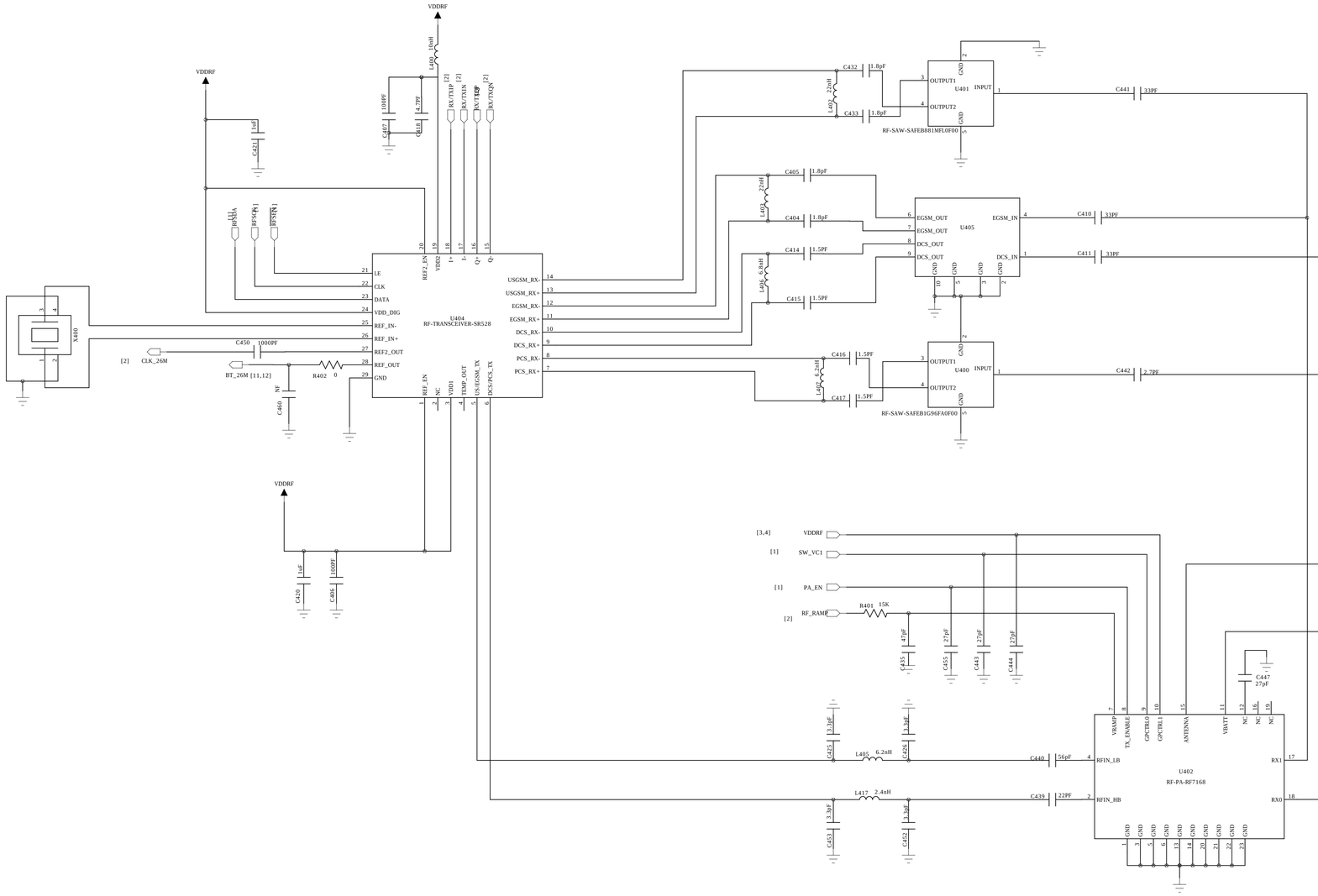
APPROVED: Guobing.Luan	DATED: 2011-02-14	CONFIDENTIAL AND PROPRIETARY	SHEET: 3 OF 16

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



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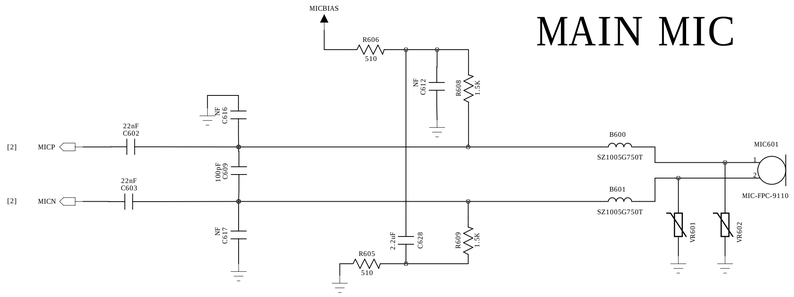
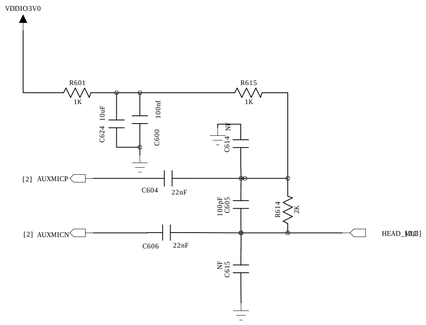
APPROVED: Guobing.Luan	DATED: 2011-02-14	CONFIDENTIAL AND PROPRIETARY / SHEET: 4 OF 16

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

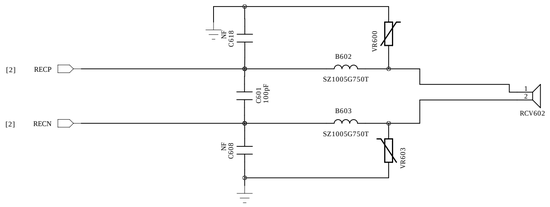
MAIN MIC



HEADPHONE



RECEIVER



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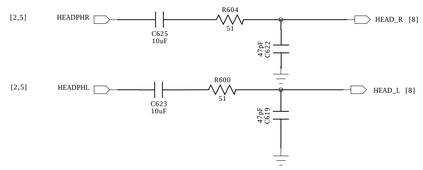
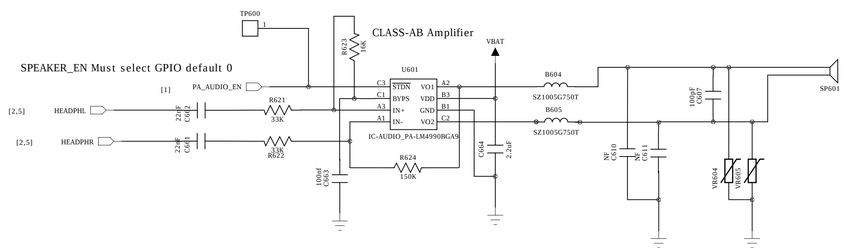


Class AB Speaker

If use combined speaker and receiver ,then Analog switch are needed
to prevent reverse current.Pls refer to <<SC6600H Speaker&Receiver Application Notes>>



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		DOCUMENT NO.: HW-SC6610-SCH-2011-0001	
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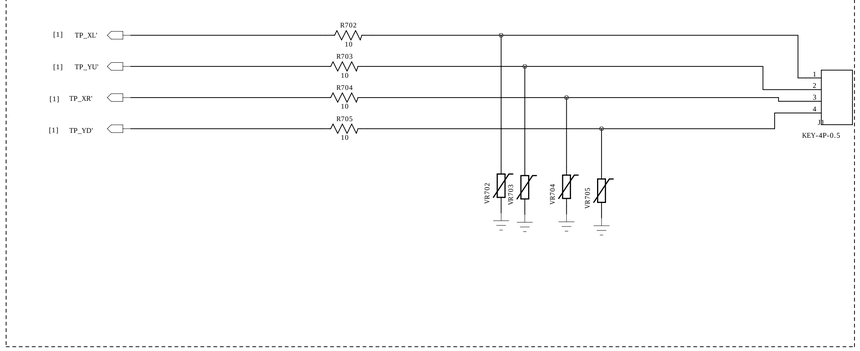
APPROVED: Guobing.Luan	DATED: 2011-02-14	CONFIDENTIAL AND PROPRIETARY	SHEET: 6 OF 16

TP



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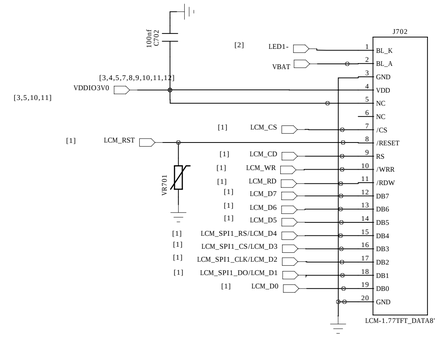

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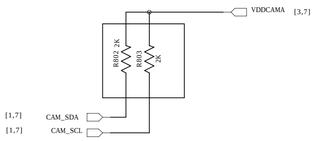

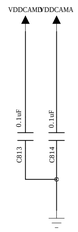

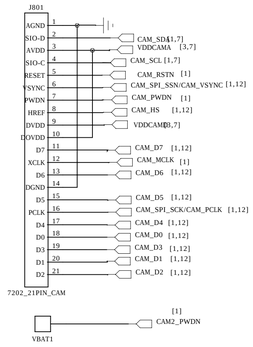

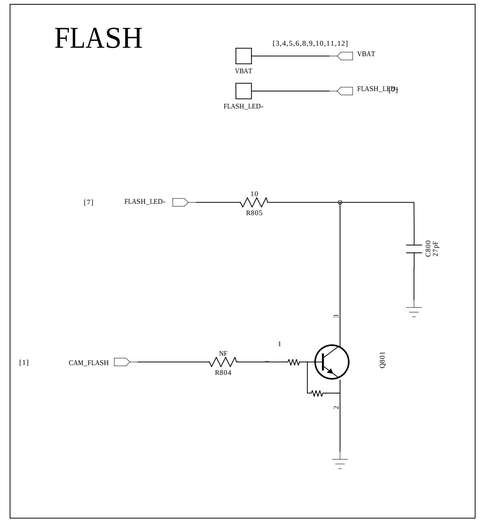

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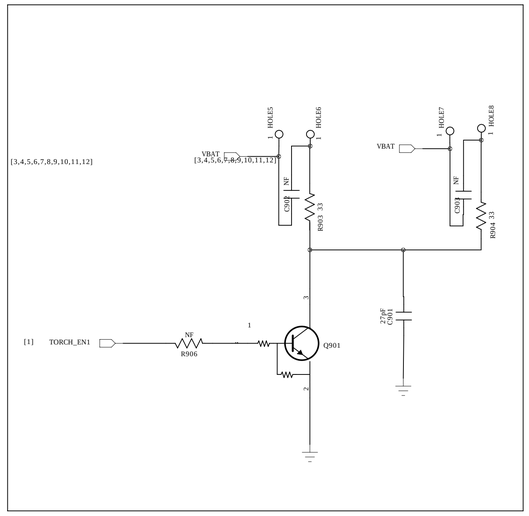
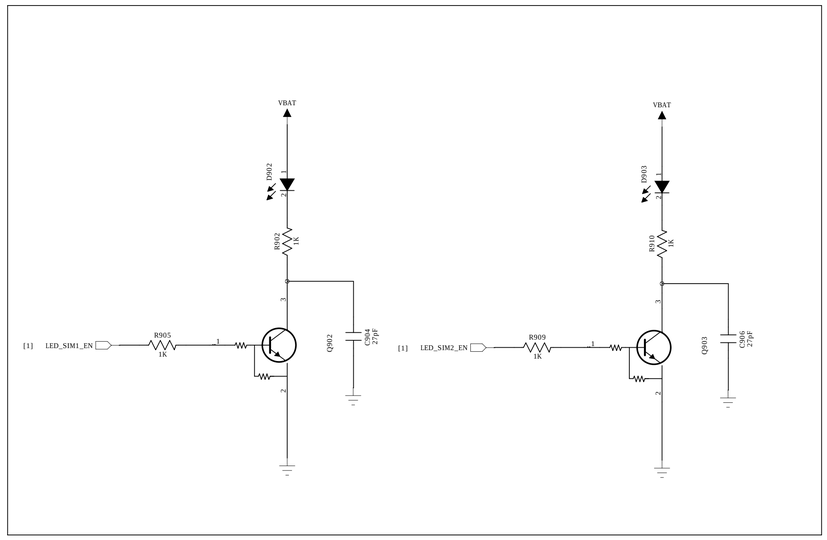
APPROVED: Guobing.Luan	DATED: 2011-02-14	CONFIDENTIAL AND PROPRIETARY / SHEET: 8 OF 16

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:





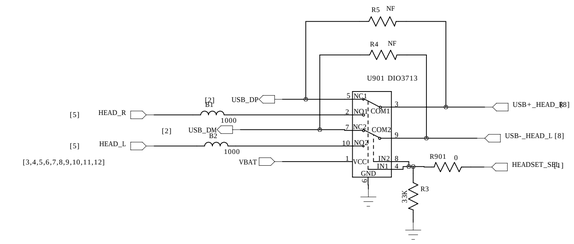
Boot select:

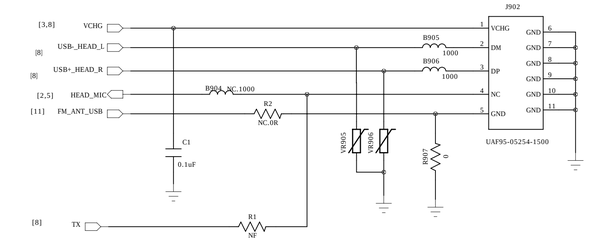
U0RTSN/NBOOT/U1TXD = low --> boot from USB

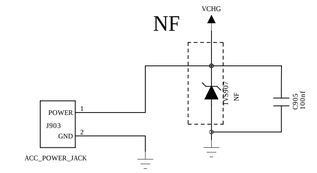
U0RTSN/NBOOT/U1TXD = high --> boot from NOR or UART

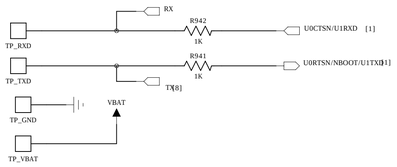
U0CTSN is used as U1RXD

U0RTSN is used as U1TXD and NBOOT









MARK point

MK1

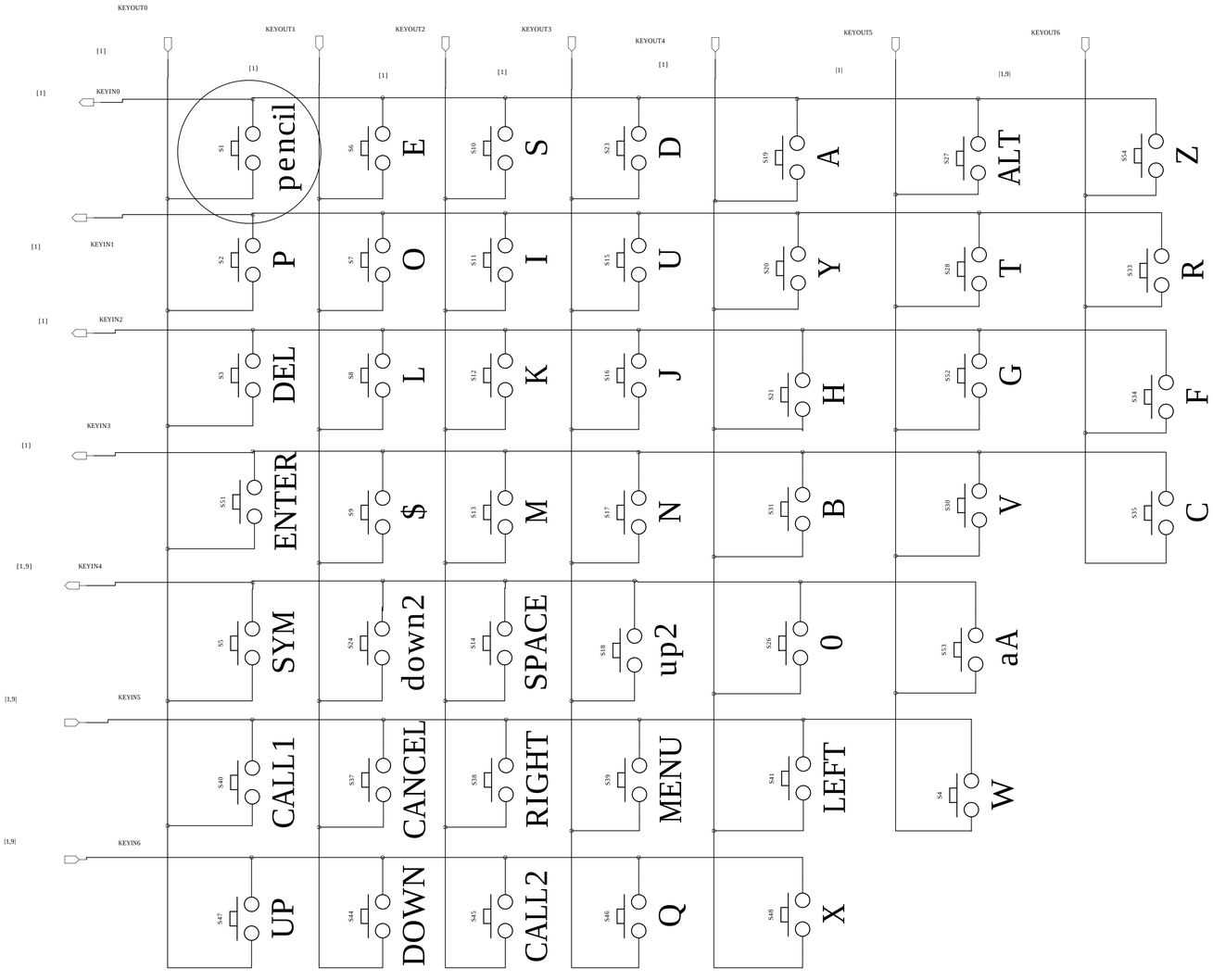
MK2

TITLE & REV: SC6610_PLATFORM_REFERENCE_SCH_V1.0.0.sch			
DOCUMENT NO.: HW-SC6610-SCH-2011-0001			
DESIGNER: Franks.Miao	DATED: 2011-02-14	DEPARTMENT: Hardware RD.	
EQA: Robin.Zhang	DATED: 2011-02-14	COMPANY: Spreadtrum communications, Inc.	
APPROVED: Guobing.Luan	DATED: 2011-02-14	CONFIDENTIAL AND PROPRIETARY	SHEET: 10 OF 16

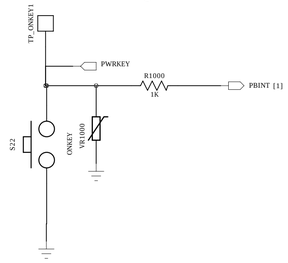
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

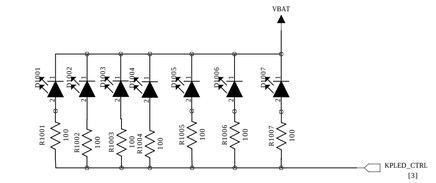
KEYPAD

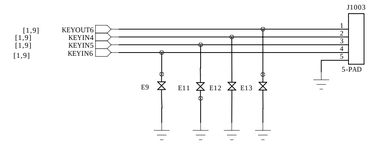
Press this button when power up will make the phone boot from USB



ONKEY high active







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APPROVED: Guobing.Luan	DATED: 2011-02-14	CONFIDENTIAL AND PROPRIETARY / SHEET: 11 OF 16

REVISION RECORD			
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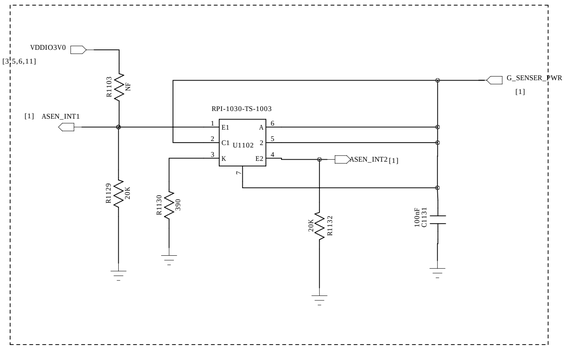

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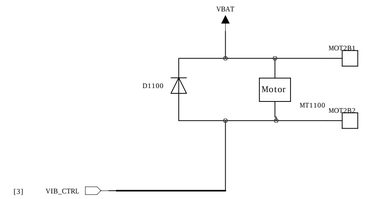
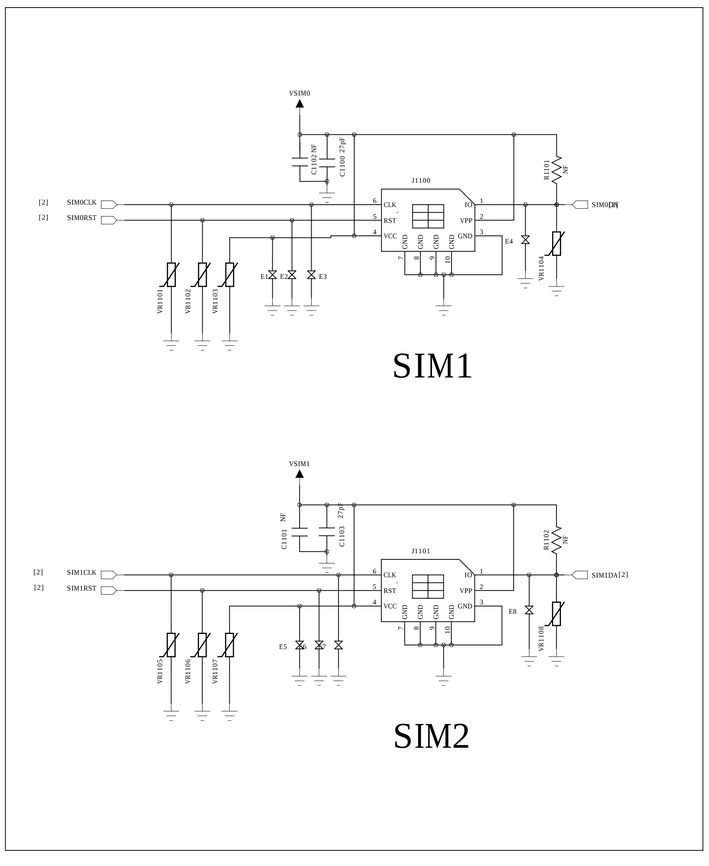


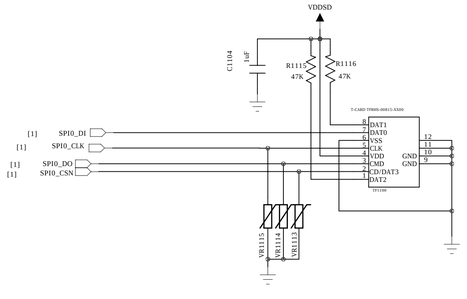
should afford 100mA current



SIM1

SIM2

T-FLASH



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REVISION RECORD			
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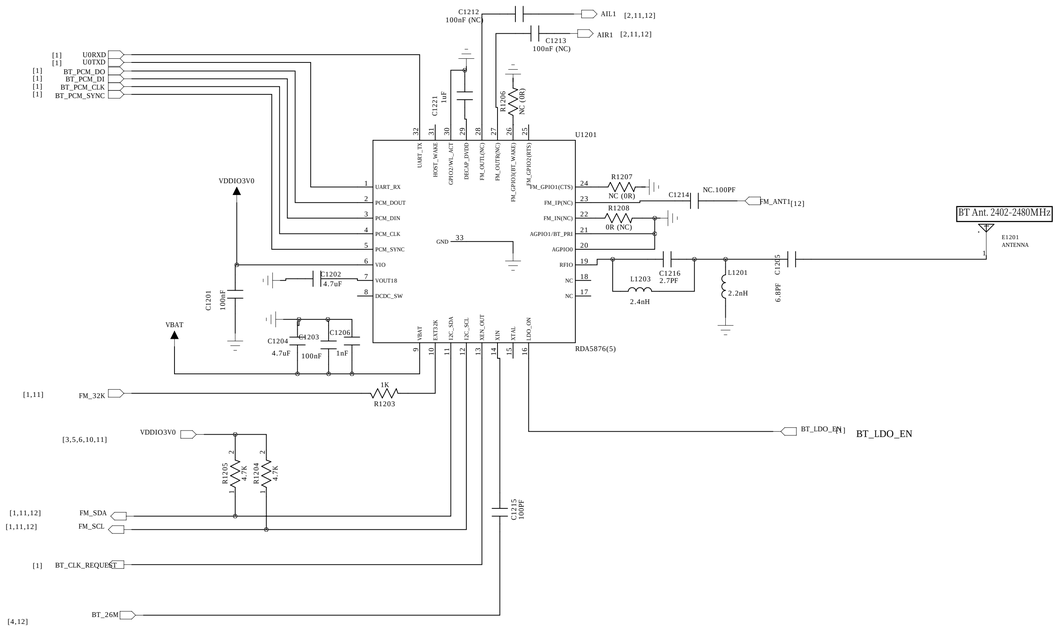

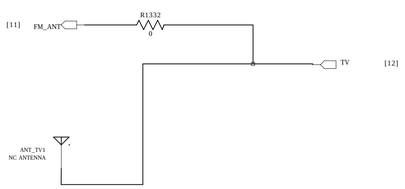

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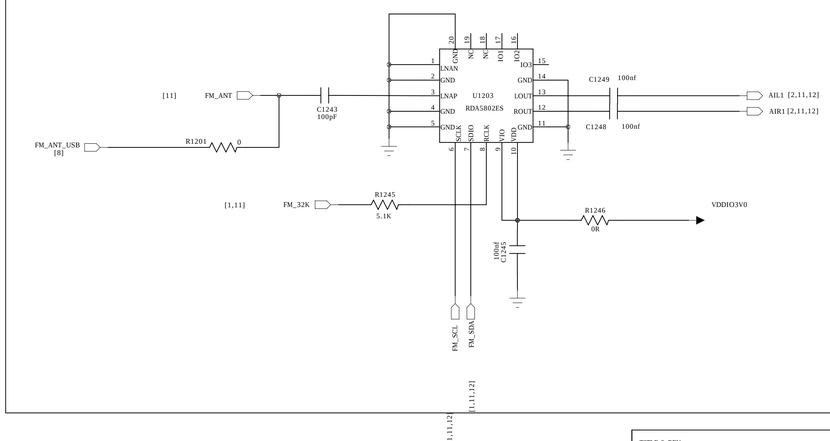

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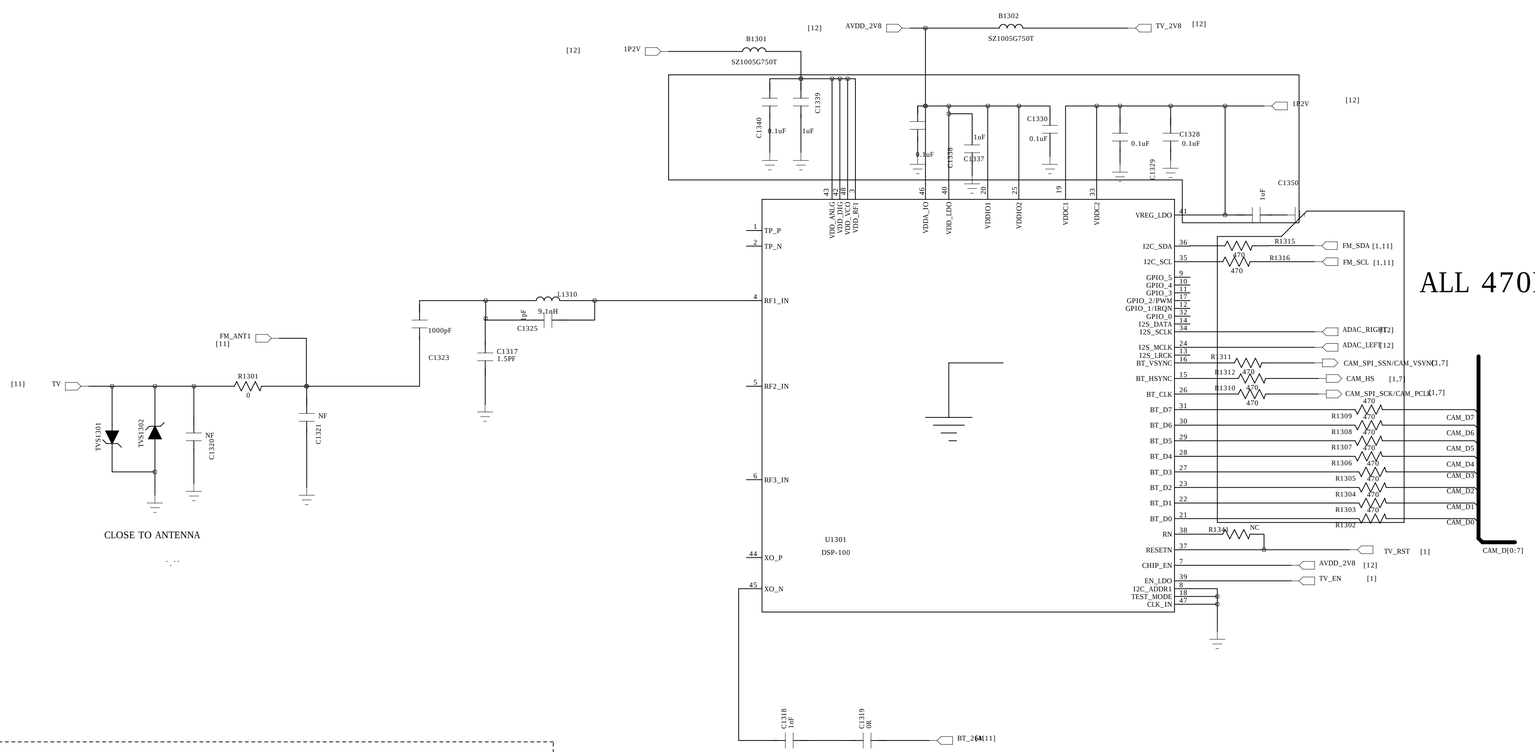
APPROVED:	DATED:		
CONFIDENTIAL AND PROPRIETARY		SHEET: 16 OF 16	



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