

TITLE & REV:	
DOCUMENT NO.:	
DEPARTMENT: <b>Hardware RD.</b>	
COMPANY: <b>Spreadtrum communications, Inc.</b>	
CONFIDENTIAL AND PROPRIETARY	SHEET: 1 OF 10

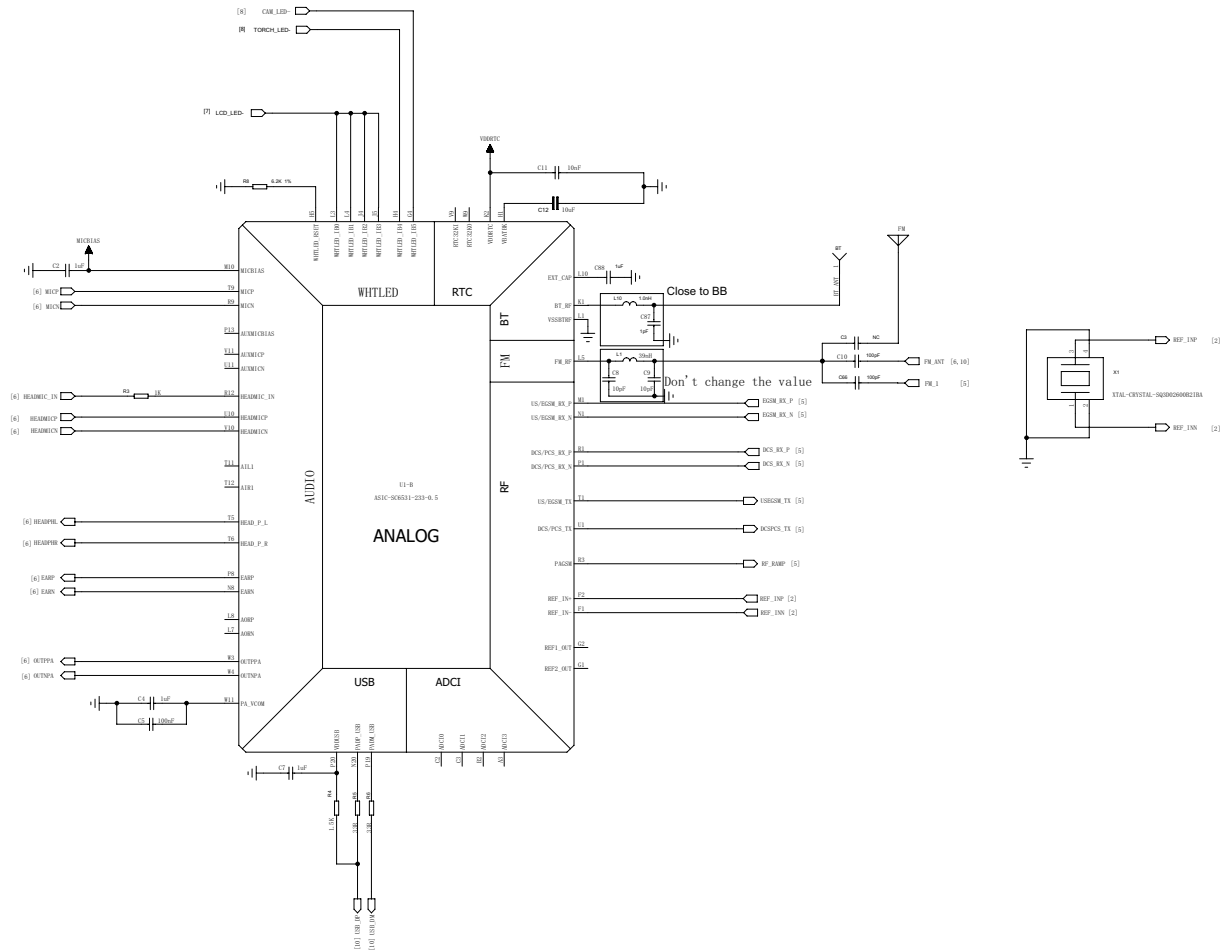
VDDIO:2.8V/200mA  
VMEM:1.8V/300mA  
VCAM:1.8V/150mA



The TP0100 TP0101 used to autotest, cannot in shielding can

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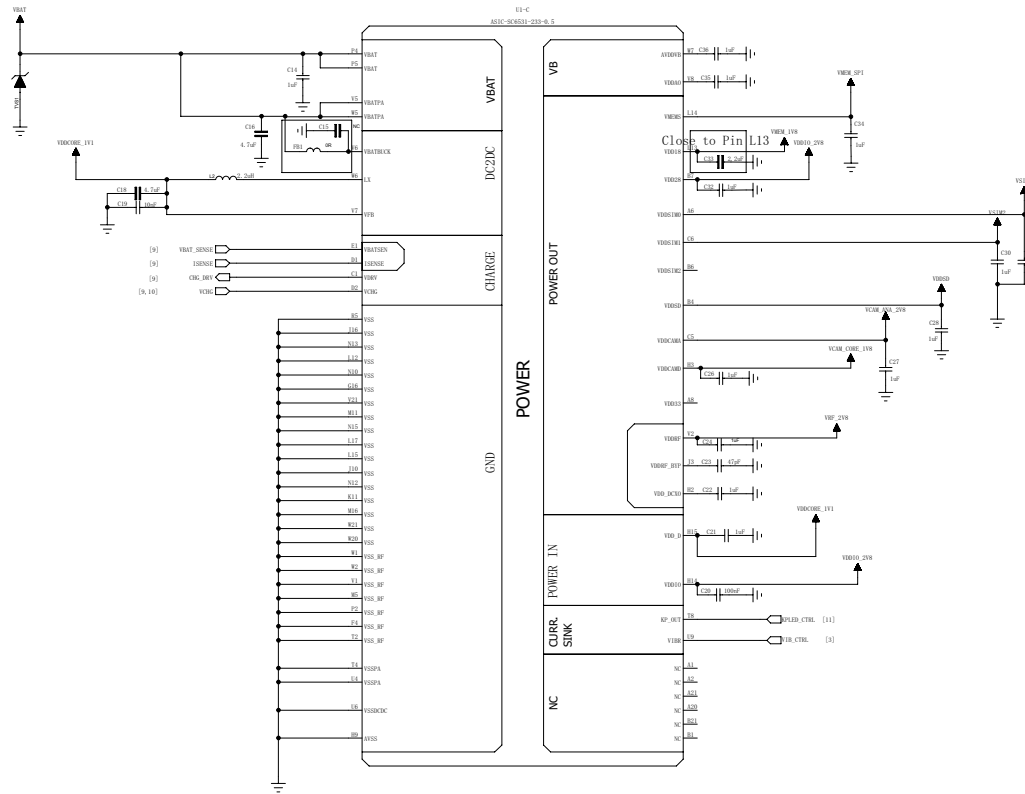
ABB



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## POWER



## VIBRATOR

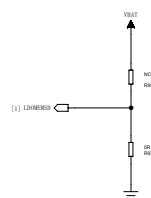
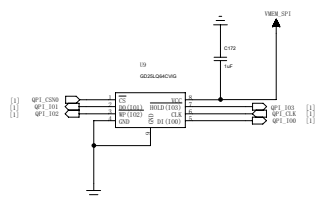
should afford 100mA current , trace 0.15 ~ 0.2mm

LDO	Output Voltage (V)	Output Current	Used Voltage
VDD18	1.7/1.8	250mA	1.8V
VDD28	1.8/2.8	200mA	2.8V
VDD33	1.8/2.8/3.0/3.3	250mA	3.3V
VDDSIM0	1.8/3.0	60mA	1.8/3.0V
VDDSIM1	1.8/3.0	60mA	1.8/3.0V
VDDSIM2	1.8/3.0	60mA	1.8/3.0V
VDDSD	1.8/2.8	150mA	2.8V
VDDRFB	1.8/2.85	200mA	2.85V
VDDMEM	1.8/3.0	300mA	1.8V
VDDCAMD	1.2/1.3/1.5/1.8	150mA	1.8V
VDDCAMA	1.8/2.5/2.8/3.0	250mA	2.8V
AVDDA0	2.9/3.2/3.3/3.4	100mA	3.3V
VDDRTC	2.6/2.8/3.0/3.2	2mA	2.8V
AVDDVB	2.9/3.2/3.3/3.4	30mA	3.3V
VDDUSB	3.1/3.3	50mA	3.3V
VDDCORE	0.85/0.9/1.0/1.1/1.15/1.2/1.25	400mA	1.1V
VBATBK	2.6/2.8/3.0/3.2		2.8V
VDDARM	0.7/0.8/0.9/1.1/1.2/1.3	500mA	1.2V

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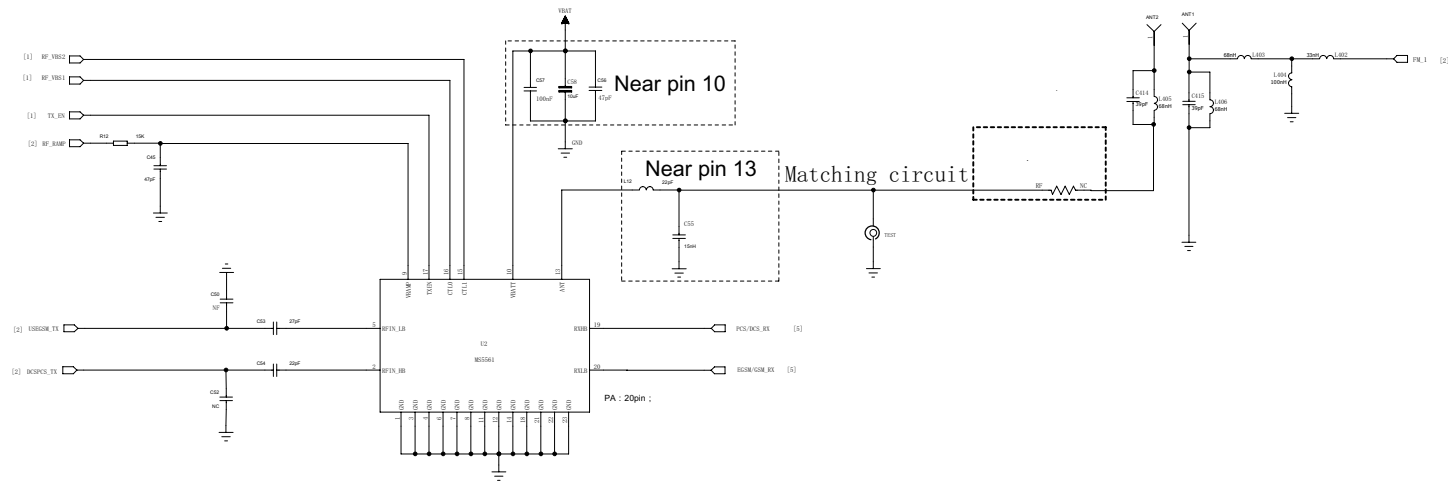
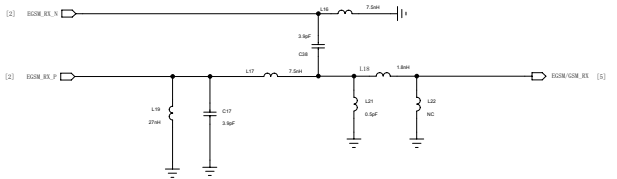
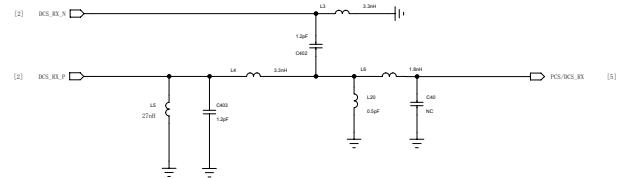
SPI Flash



LDOMEMSB	VMEM
0	1.8V
1	3V

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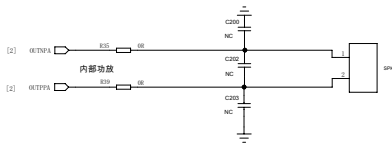
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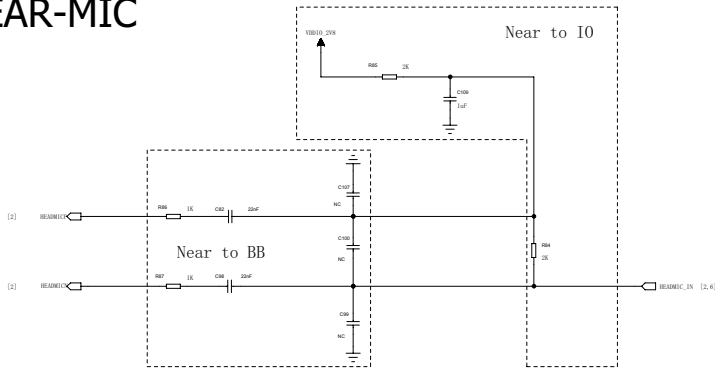
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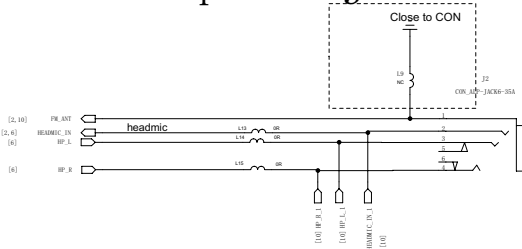
## SPK



Near to 10



Close to CON

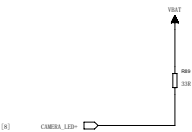
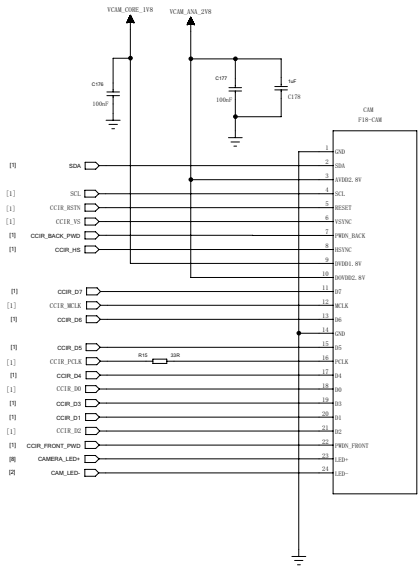


# HEADPHONE

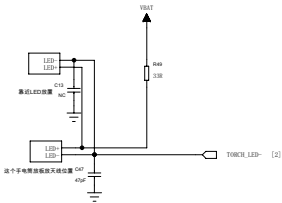


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Canera Module



TORCH LED



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IO Boot select:

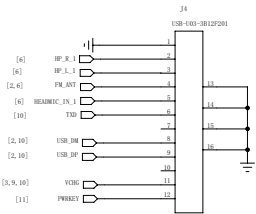
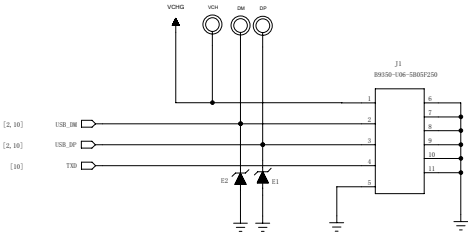
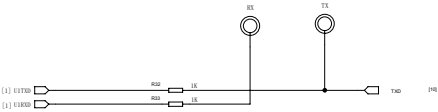
UITXD = low --> boot from USB

UITXD= high --> boot from NOR or UART

NOTE: keyin0 & keyout0 pressed when power up will also lead to USB boot

5pin USB JACK

Q8 12pin



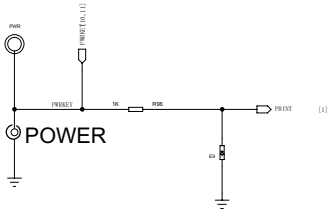
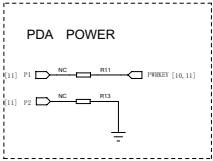
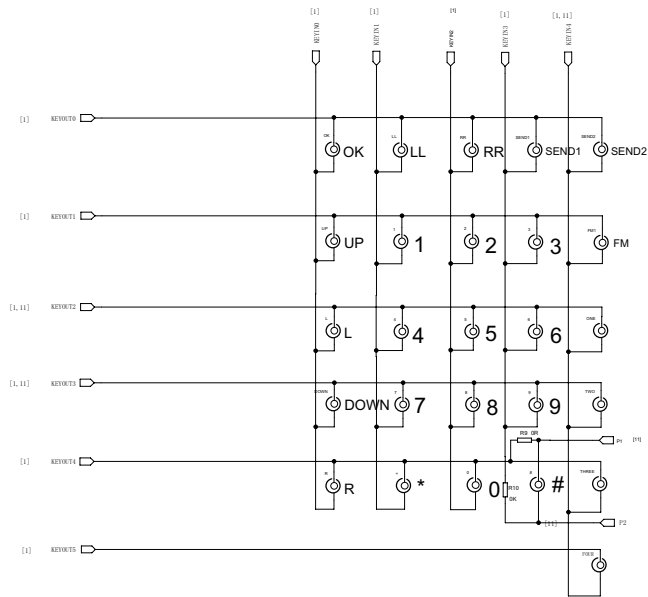
MARK POINT



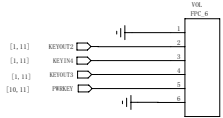
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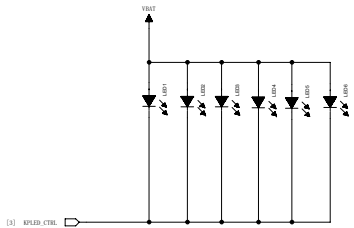
KEY PAD



PWR+VOL+/-

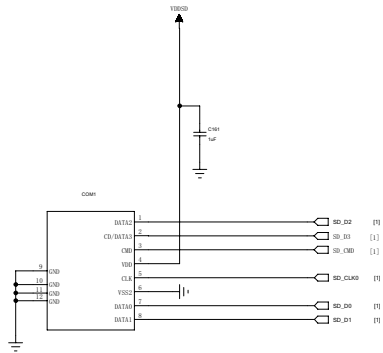
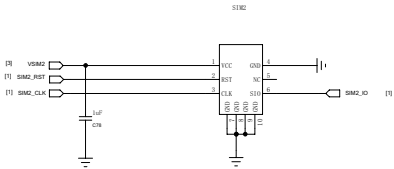
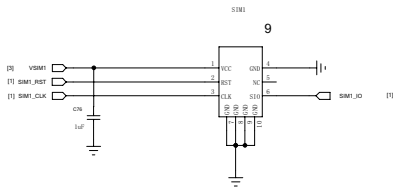


KEYLED



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