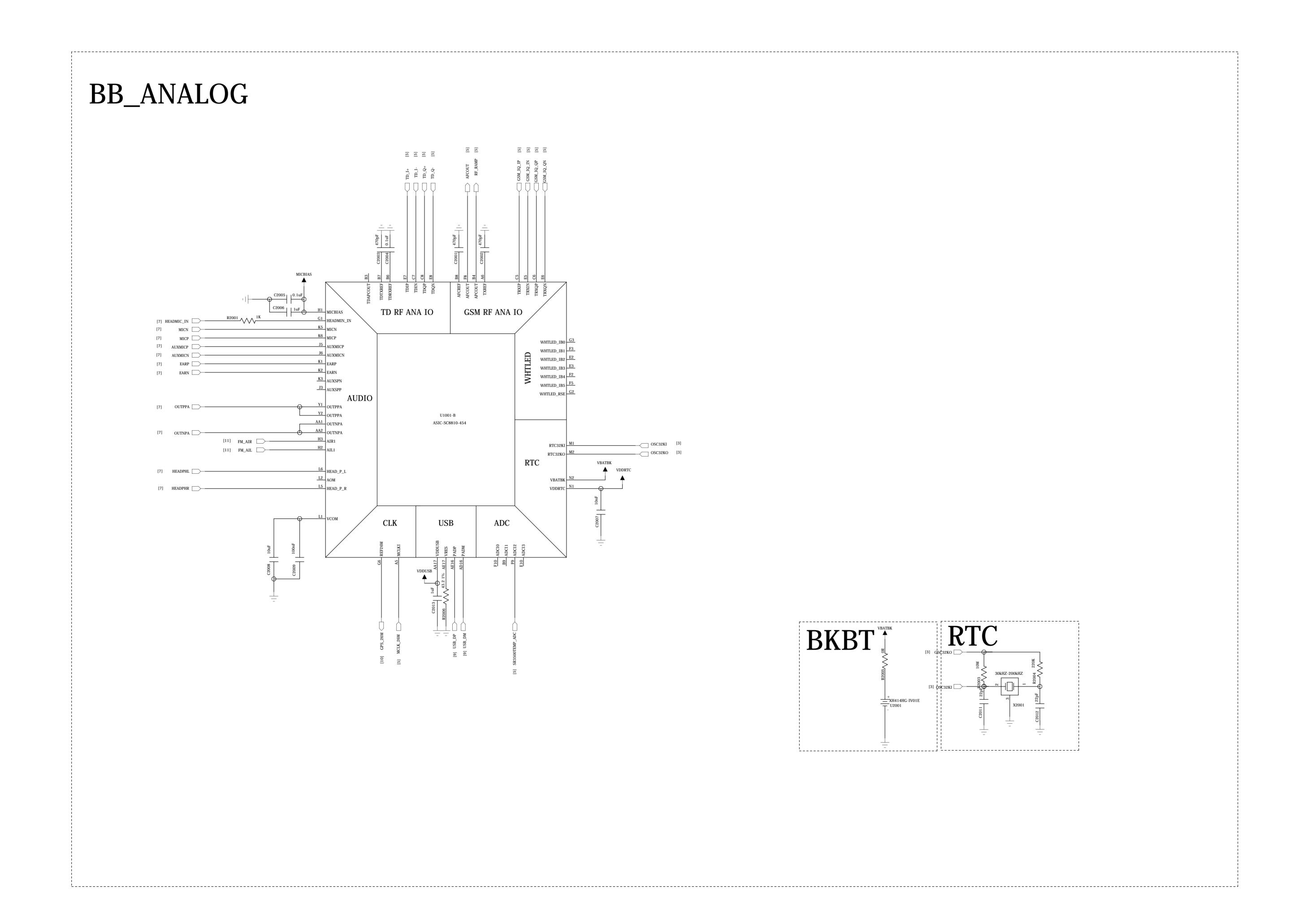


REVISION RECORD

LTR ECO NO: APPROVED: DATE:

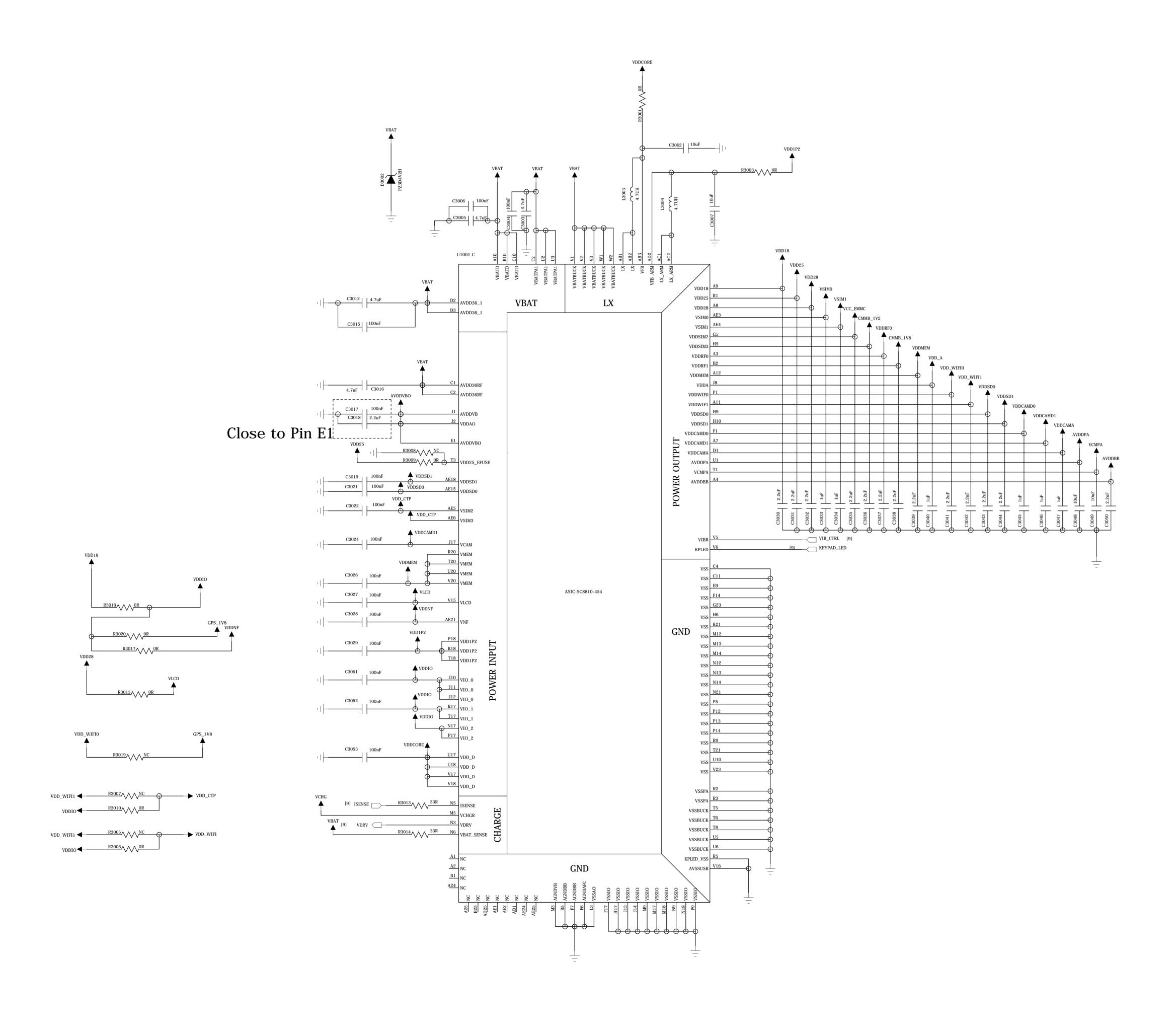


		SP8810-1_SCH_V1.3.0	
		DOCUMENT NO.:	
DESIGNER:	DATED:	DEPARTMENT: Hardware DEPT.	
EQA:	DATED:	Spreadtrum communications,	Inc.
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REVISION RECORD

ECO NO: APPROVED: DATE:

BB_POWER

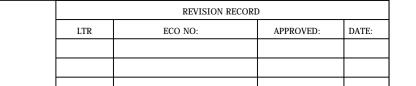


LDO	Output Voltage (V)	Output Current	Used Voltage
VDD18	1.2/1.5/1.8/2.8	200mA	1.8V
VDD25	2.5/2.75/2.9/3.0	60mA	2.5V
VDD28	1.8/2.65/2.8/3.0	200mA	2.8V
VSIM0	1.8/2.9/3.0/3.1	60mA	1.8/3.0V
VSIM1	1.8/2.9/3.0/3.1	60mA	1.8/3.0V
VDDSIM2	1.2/1.8/2.8/3.0	200mA	3.0V
VDDSIM3	1.2/1.8/2.8/3.0	200mA	1.2V
VDDRF0	1.8/2.75/2.85/2.95	200mA	2.85V
VDDRF1	1.8/2.5/2.85/2.95	200mA	1.8V
VDDMEM	1.8	300mA	1.8V
VDDA	1.8	80mA	1.8V
VDDWIFI0	1.2/1.8/2.8/3.3	200mA	1.8V
VDDWIFI1	1.2/1.8/2.8/3.3	200mA	1.8V
VDDSD0	1.8/2.5/2.8/3.0	150mA	3.0V
VDDSD1	1.8/2.5/2.8/3.0	150mA	1.8V
VDDCAMD0	1.3/1.5/1.8/2.8	100mA	1.8V
VDDCAMD1	1.2/1.8/2.8/3.3	100mA	1.8V
VDDCAMA	1.8/2.5/2.8/3.0	150mA	2.8V
AVDDBB	2.8/2.9/3.0/3.1	60mA	3.0V
AVDDVB	2.9/3.2/3.3/3.4	100mA	3.3V
VDDUSB	3.1/3.2/3.3/3.4	60mA	3.3V
VBATBK	2.6/2.8/3.0/3.2		2.8V
VDDRTC	1.5/1.6/1.7/1.8		1.8V
VDDCORE	0.7/0.8/0.9/1.1/1.2/1.3	400mA	1.1V
VDDARM	0.7/0.8/0.9/1.1/1.2/1.3	500mA	1.2V

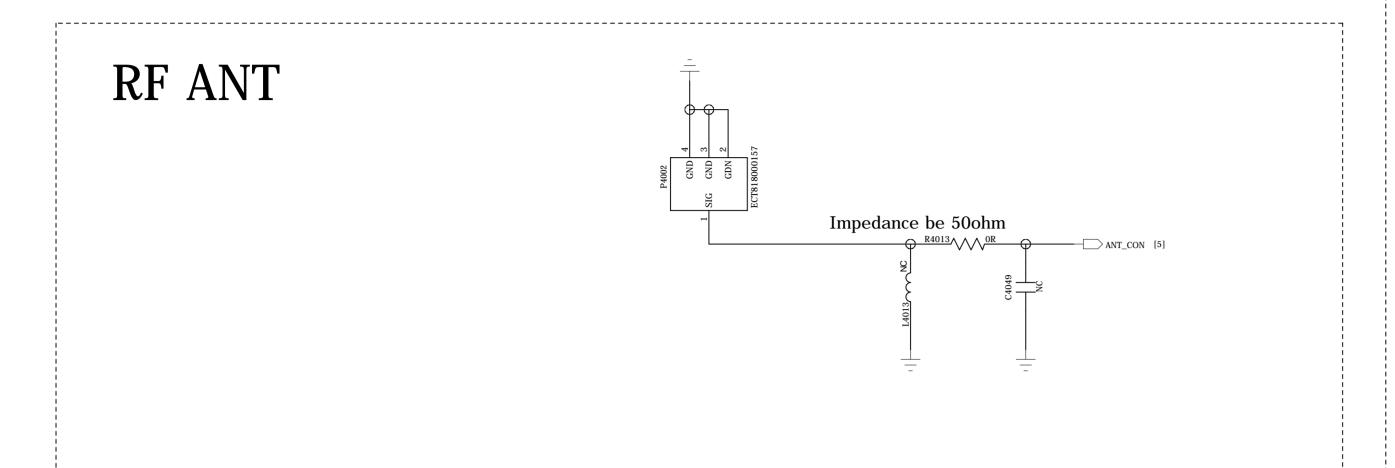
SP8810-1_SCH_V1.3.0

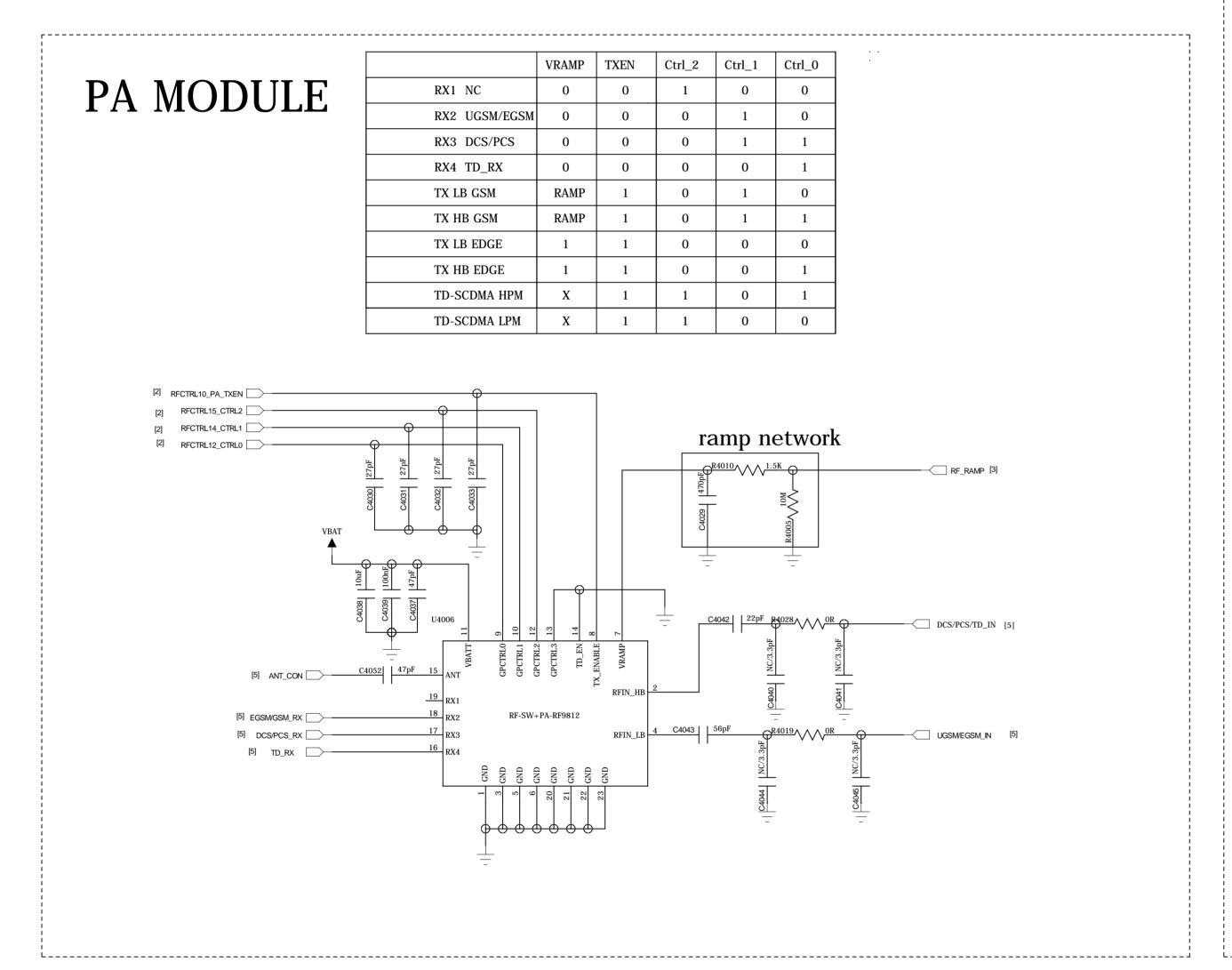
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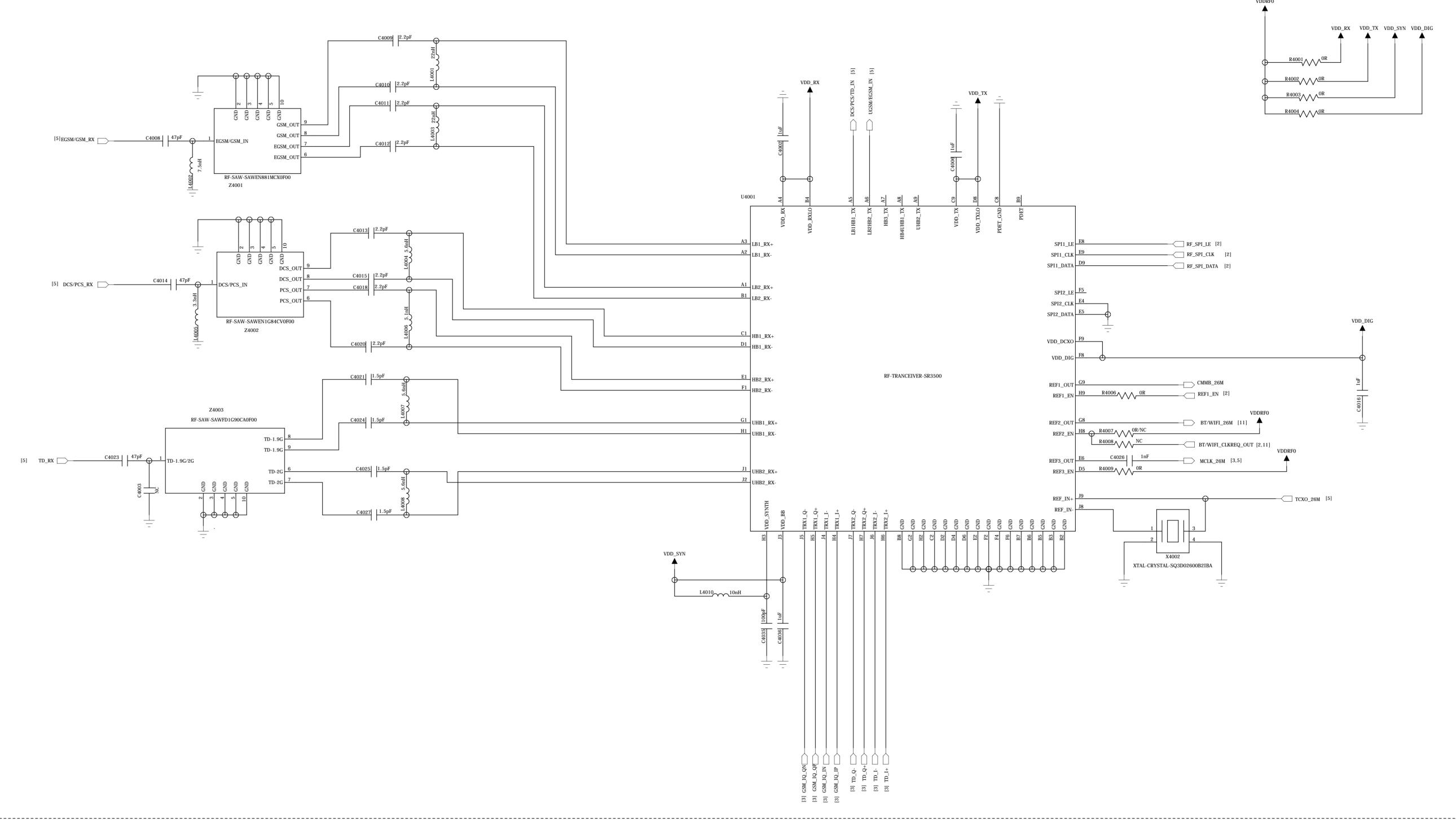
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EQA:	DATED:	COMPANY: Spreadtrum communications, Inc.	
APPROVED:	DATED:	Spreadrum communicacións, mei	
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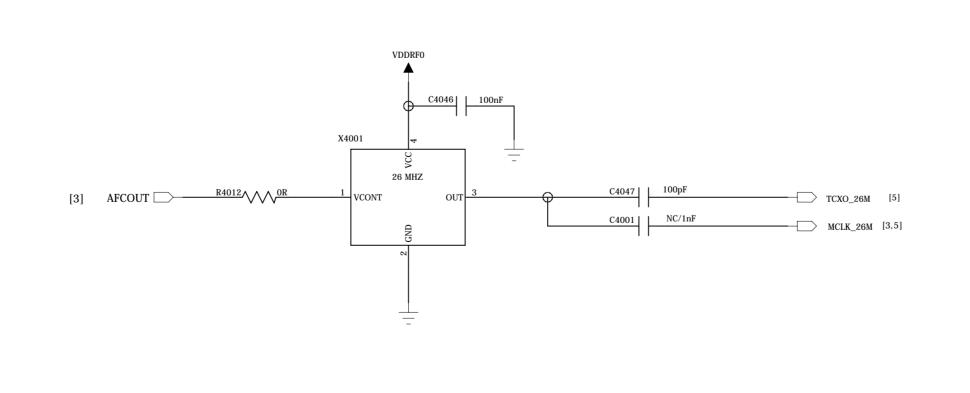


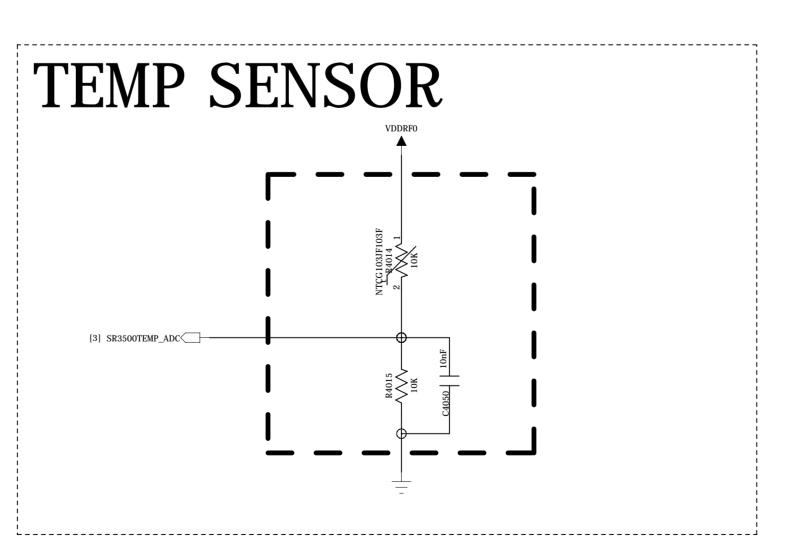






26MHz TCXO Module





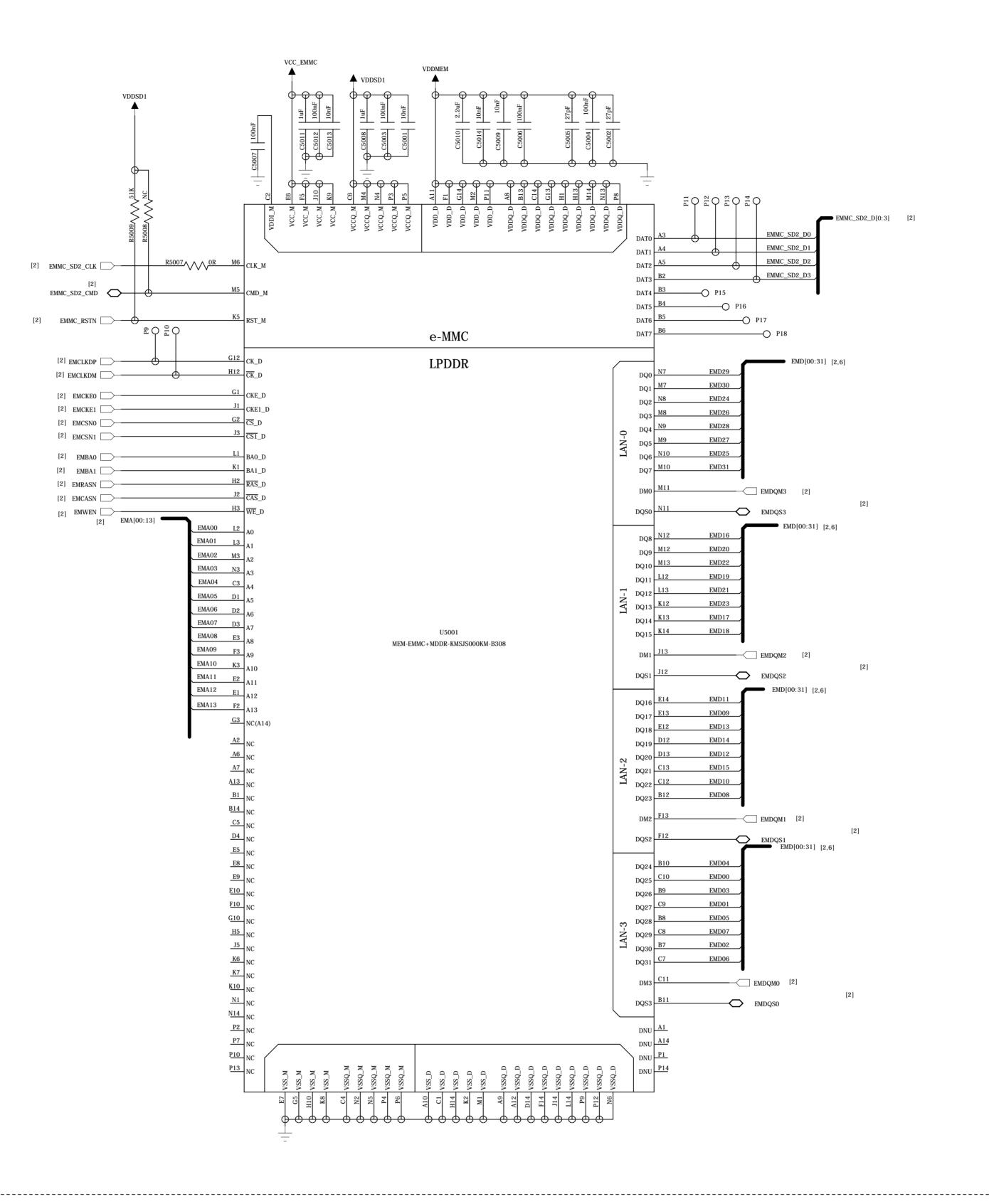
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		DOCUMENT NO.:	
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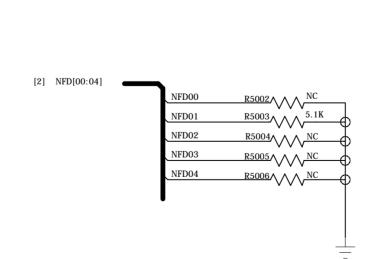
REVISION RECORD

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MCP

NAND Voltage is 1.8V. DDR Voltage is 1.8V.



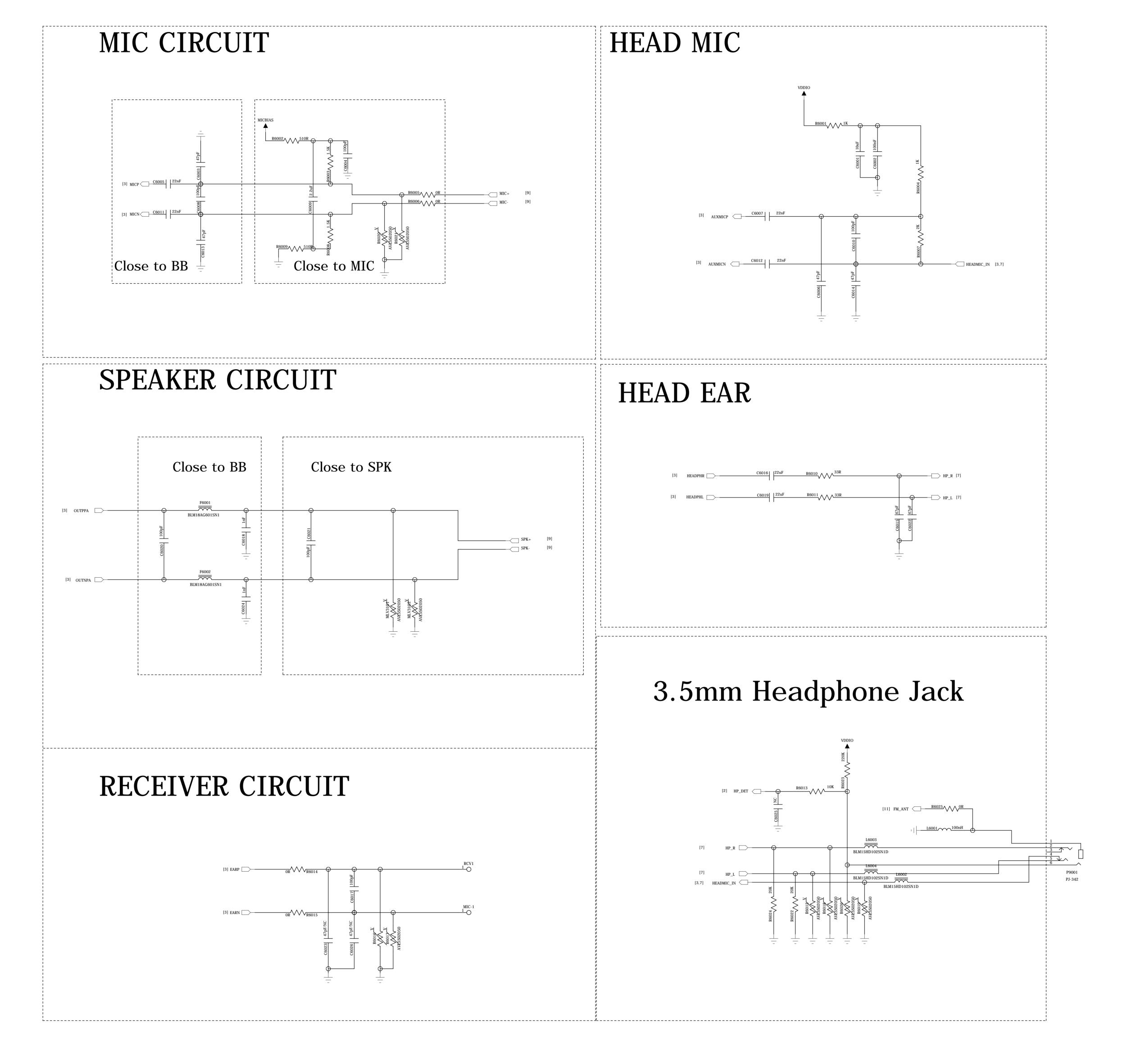


	0	1
NFD00	Small Page NAND	Large Page NAND
NFD01	eMMC NAND	NAND
NFD02	3V eMMC Interface	1.8V eMMC Interface
NFD03	SDIO0 for eMMC	SDIO2 for eMMC
NFD04	USB2.0 FULL SPEED	USB2.0 HIGH SPEED

		TITLE & REV: SP8810-1_SCH_V1.3.0		
		DOCUMENT NO.:		
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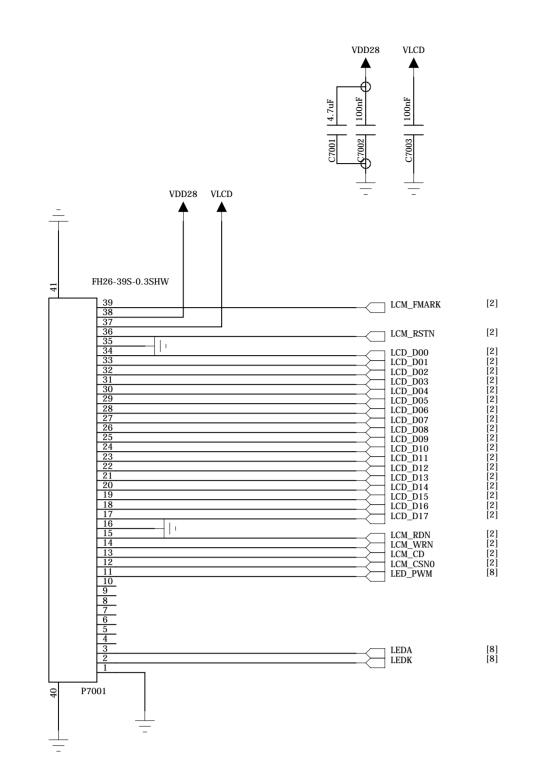
REVISION RECORD

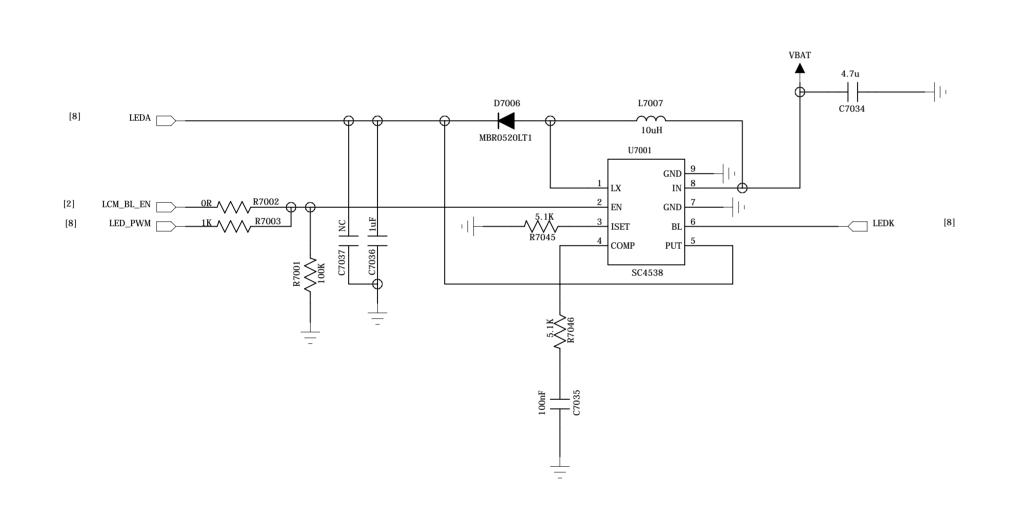
ECO NO: APPROVED: DATE:



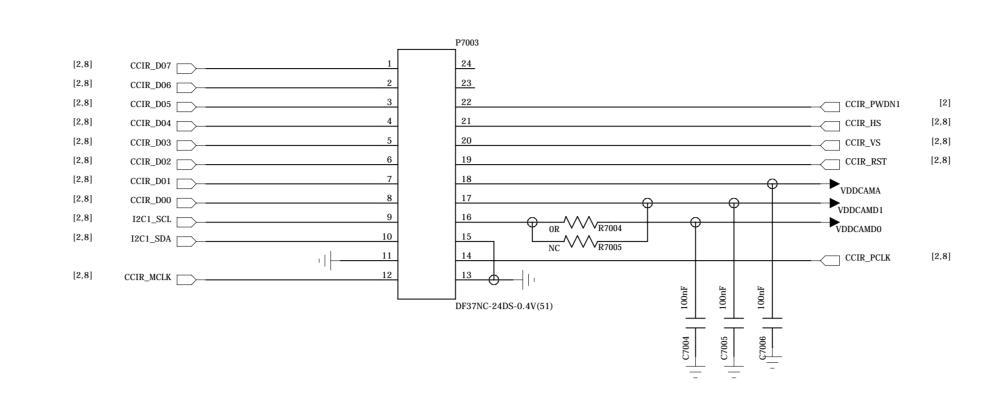
			TITLE & REV: SP8810-1_SCH_V1.3.0	
			DOCUMENT NO.:	
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EQA:	:	DATED:	Spreadtrum communications, Inc	
APPR	ROVED:	DATED:		

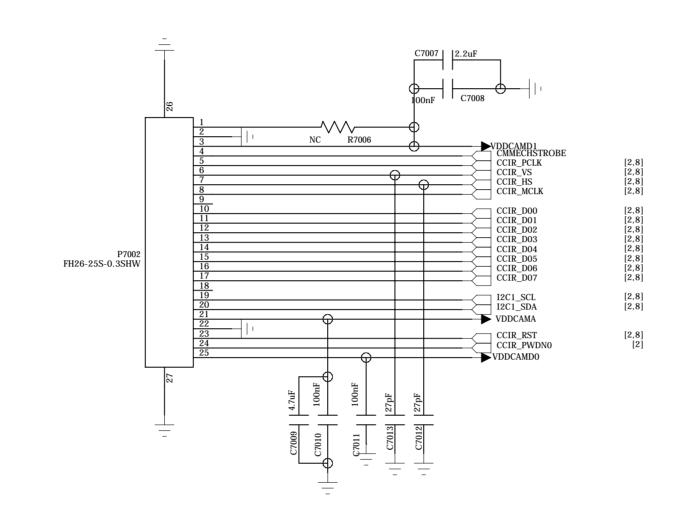
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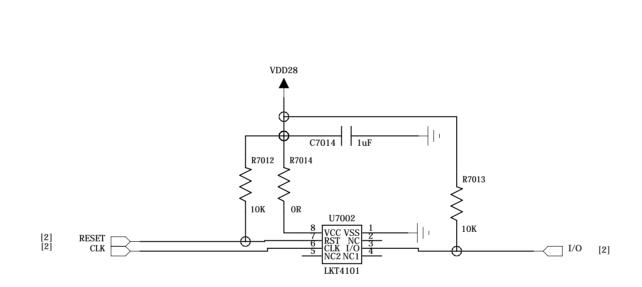




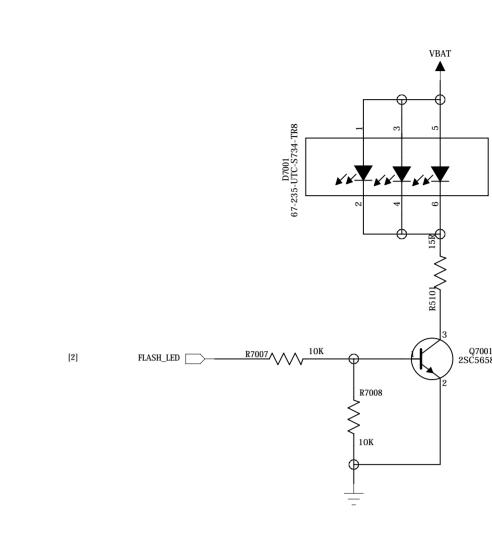
Sensor Module: 0.3M+5M

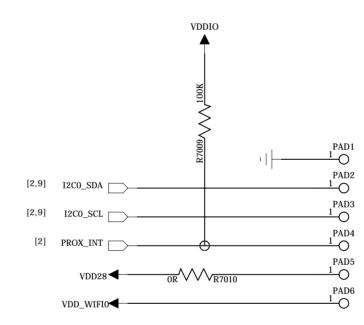


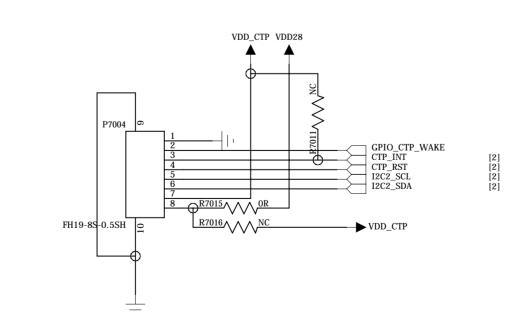




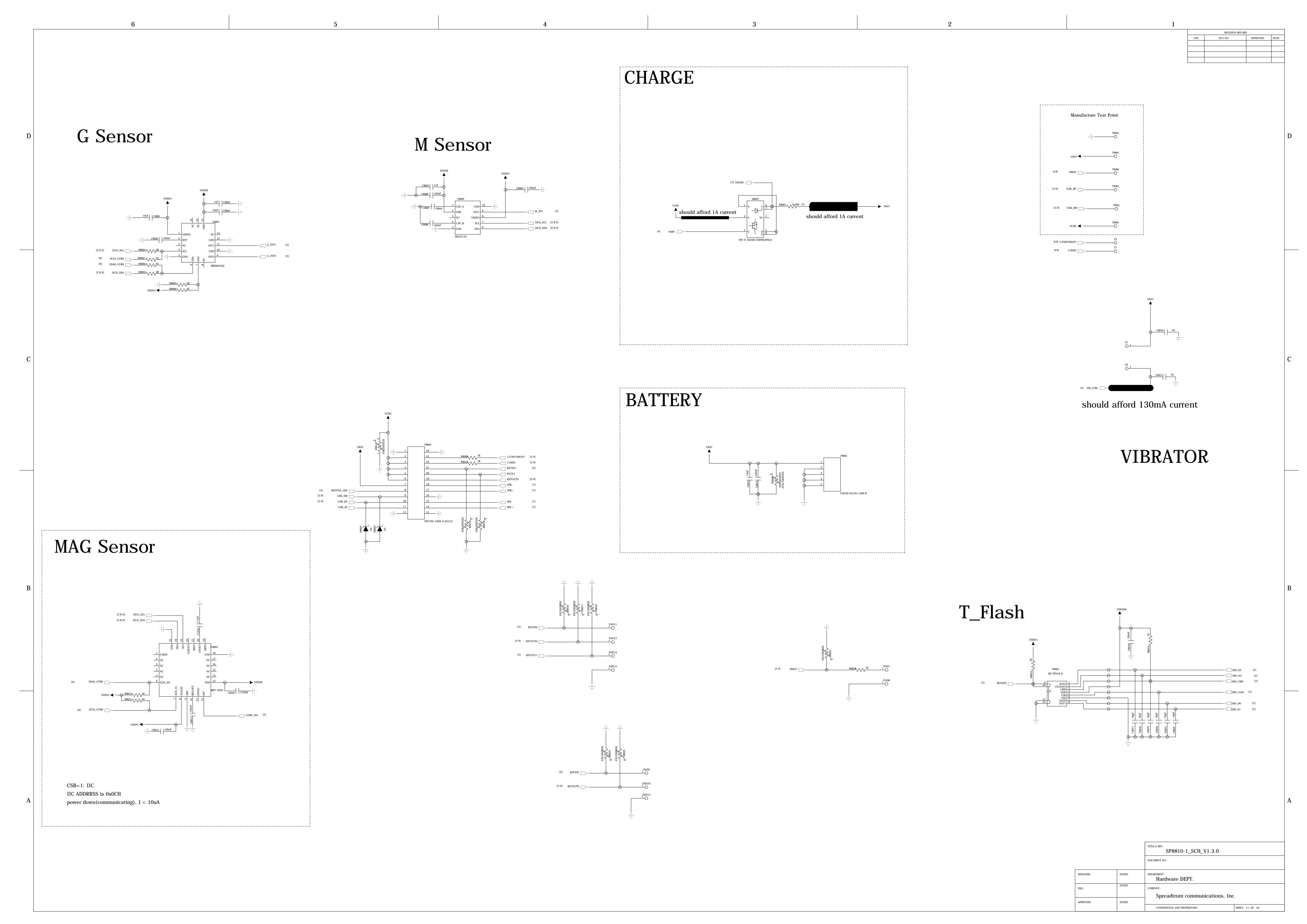
FLASH LED



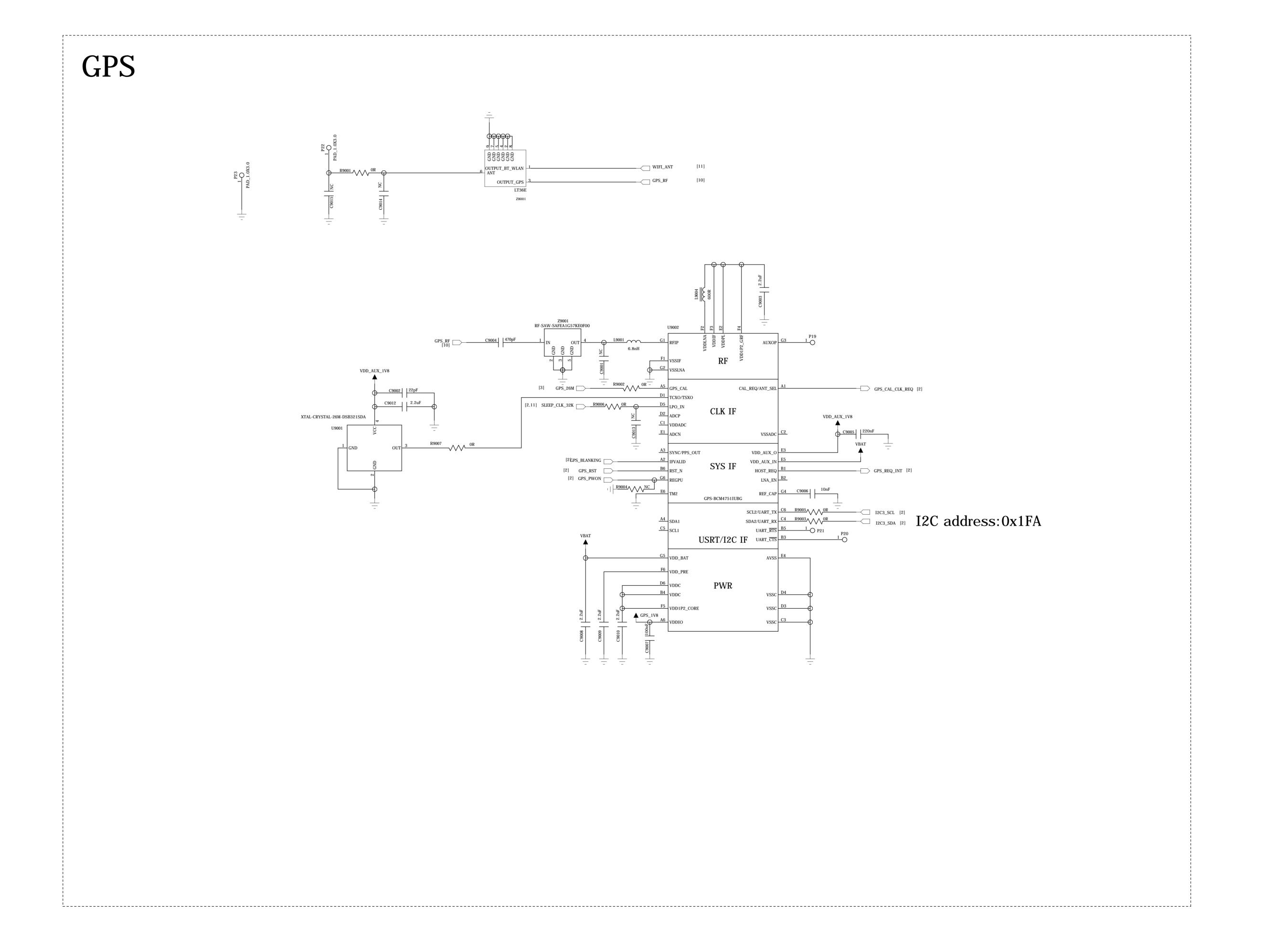




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10pin USB



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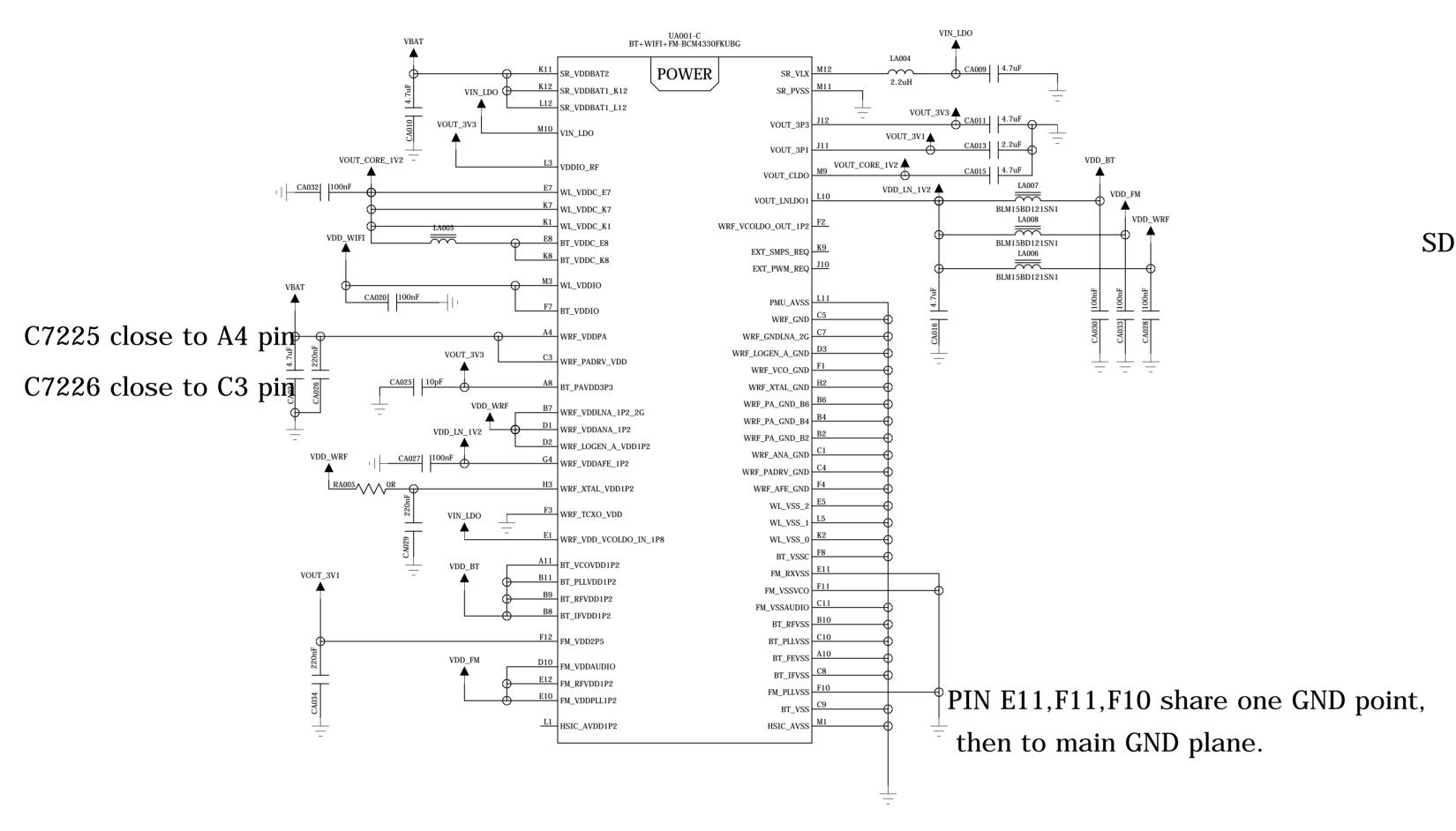
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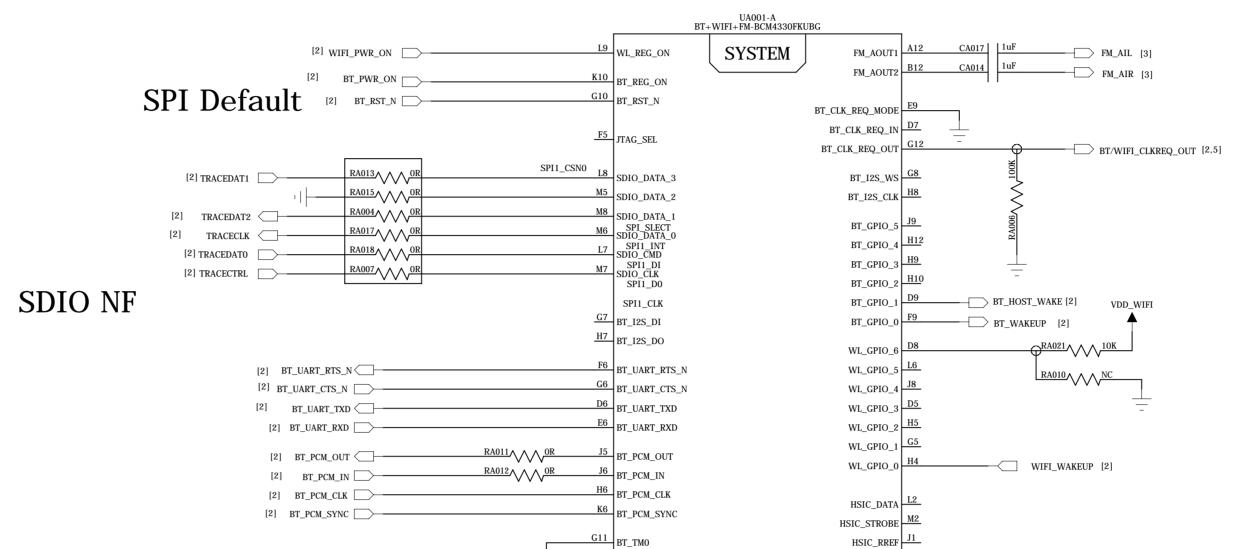
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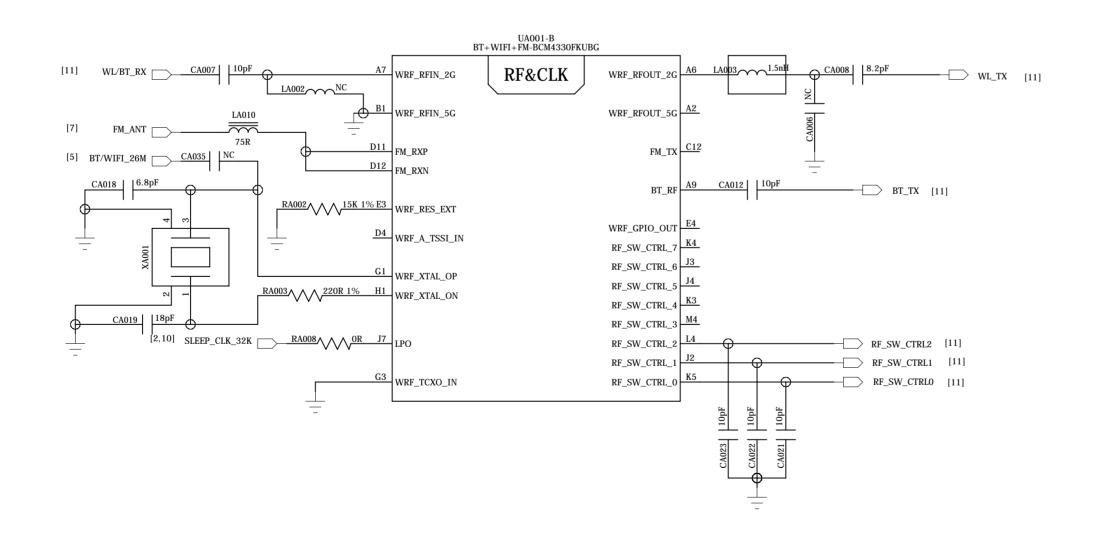
LTR ECO NO: APPROVED: DATE:



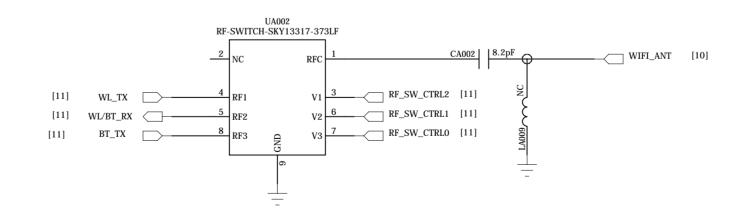




WL_GPIO_6	SDIO_DATA_2	Mode
0	X	SDIO
1	0	SPI



	RF_SW_CTRL[0:2]			
BT_TX	Н	L	L	
WL/BT_RX	L	Н	L	
WL_TX	L	L	Н	



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ECO NO:	APPROVED:	DATE:	
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Change_Note

V1.0.0

SC8810_SMARTPHONE_SCH_V1.0.0 Release

V1.1.0

NO.	CR NO.	DESCRIPTION	SW CHANGE(YES/NO)
1	NEWMS00140584	RF Part: Use SR3500 to replace the SR3200LS1	NO
2	NEWMS00140599	Add net EMCKE1 to compat to 2cs MCP	NO
3	NEWMS00140592	Change R6101(the resistor for VBAT_SENSE) to 33ohm	YES
4	NEWMS00142826	Add FM module	NO

V1.2.0

CHANGE(YES/NO)
NO
NO
YES
NO
_

V1.3.0

NO.	CR NO.	DESCRIPTION	SW CHANGE(YES/NO)
1	NEWMS00167967	Change MCP to eMCP(eMMC NAND+DDR)	YES
2	NEWMS00167975	Change GPS IC from GSD4T-9600 to BCM4751	YES
3	NEWMS00167977	Change CMMB IC form IF238 to MXD0266 which is pin to pin with SMS2186	YES
4	NEWMS00167980	Change BT, WIFI, FM to 3 in 1 IC BCM4330	YES
5	NEWMS00173057	Change R5101 to 120K ohm, R5102 to 1 ohm	YES
6	NEWMS00173049	Add RF crystal solution for backup	YES
7	NEWMS00173046	Change LCD backlight circuit to SGM3727	YES

DESIGNER:

DATED:

DEPARTMENT:

Hardware DEPT.

EQA:

DATED:

COMPANY:

Spreadtrum communications, Inc.

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