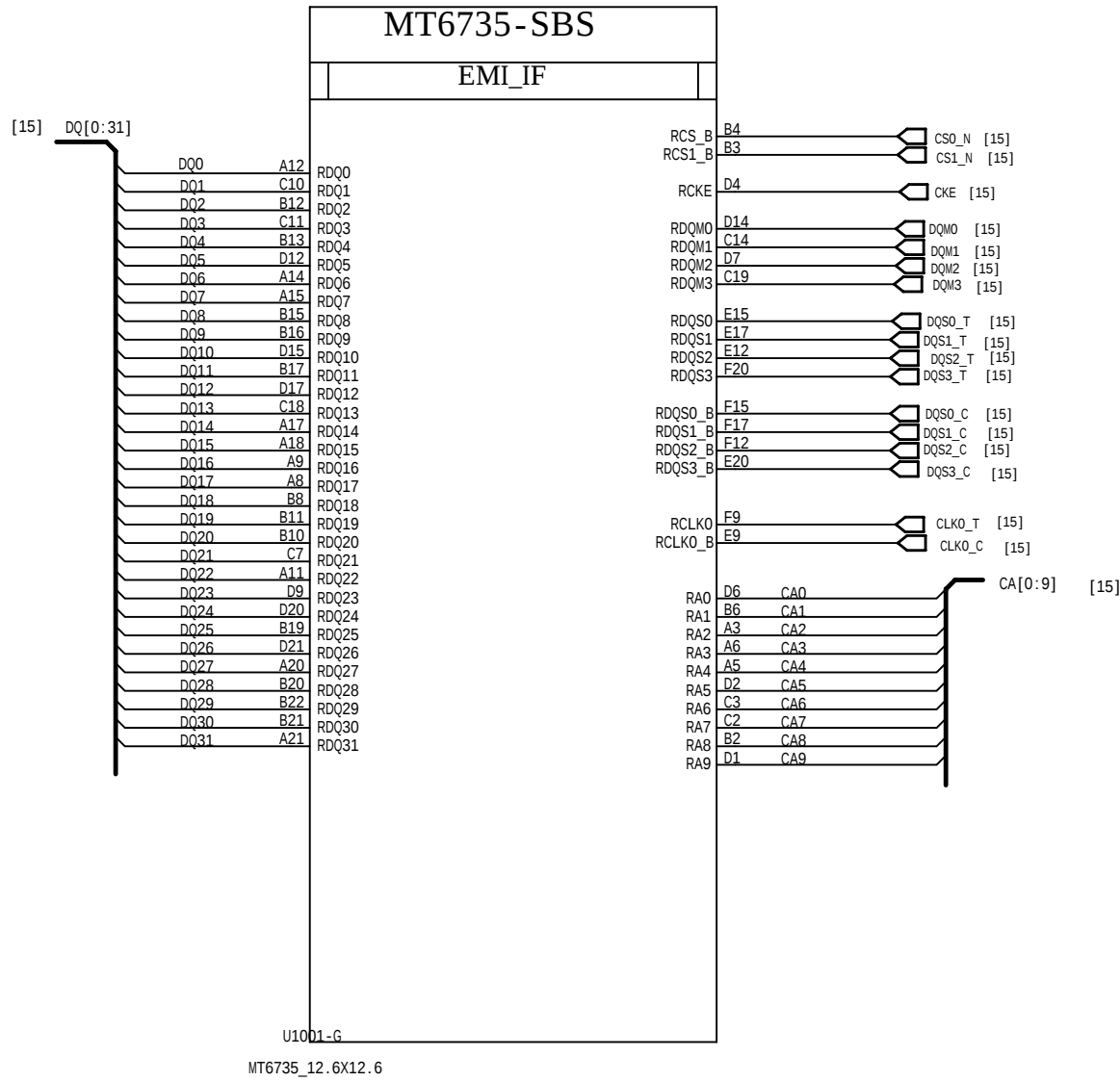


REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:



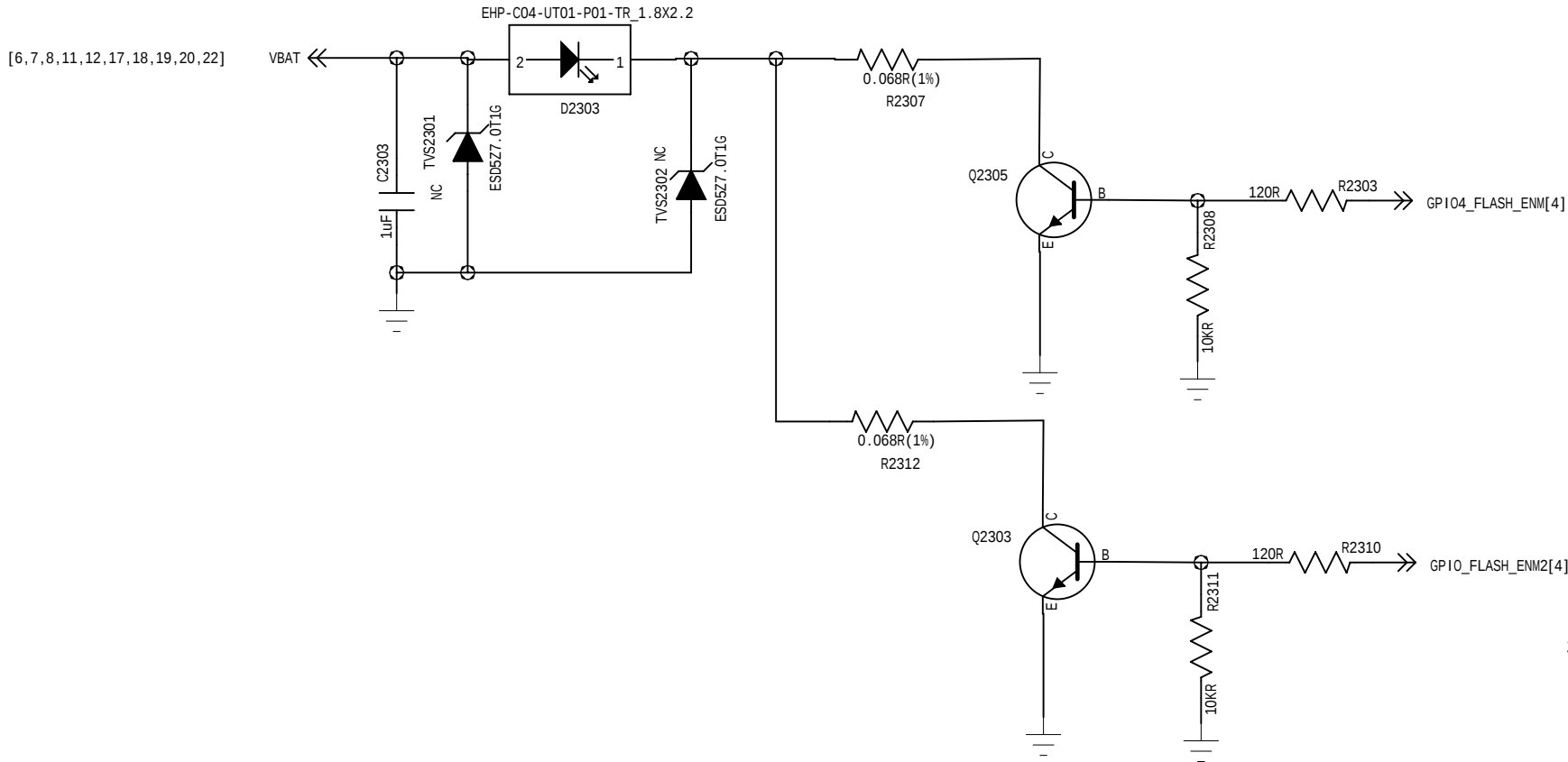
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CHECKED:		DATED:		TITLE: A183			
QUALITY CONTROL:		DATED:		CODE:	SIZE:	DRAWING NO:	REV:
RELEASED:		DATED:		SCALE:			
				SHEET: 5 OF 22			

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

Flash LED

°óÉÁ

Ic= 500mA

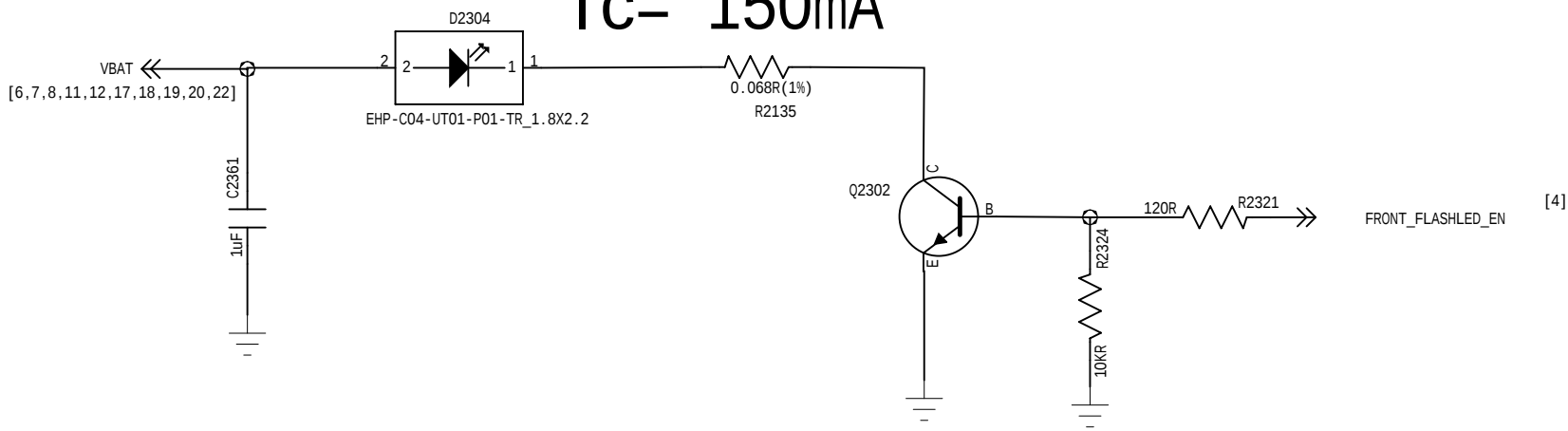


编码255000026 2pin为正

Flash LED

°óÉÁ

Ic= 150mA



have checked

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CHECKED:		DATED:		TITLE: A183			
QUALITY CONTROL:		DATED:		CODE:	SIZE:	DRAWING NO:	REV:
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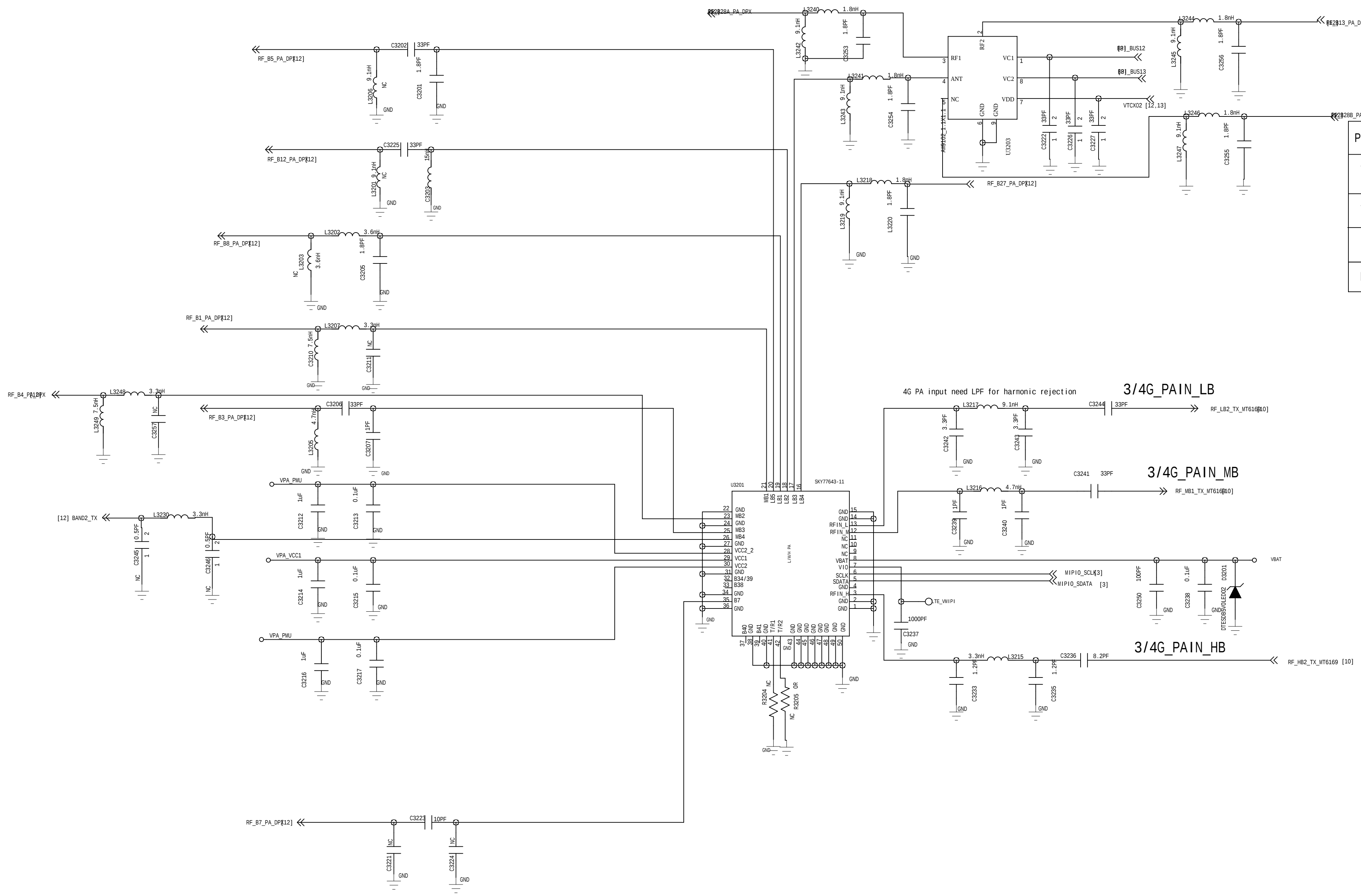
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REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:

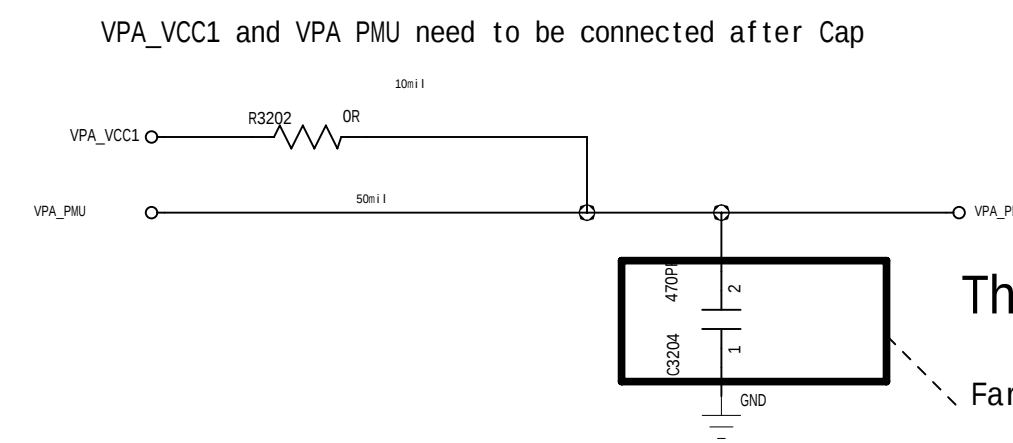
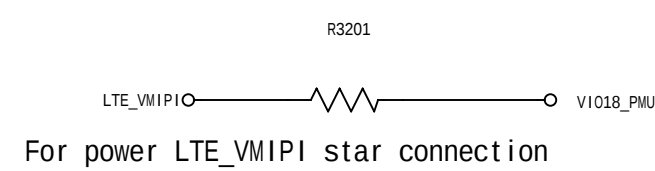
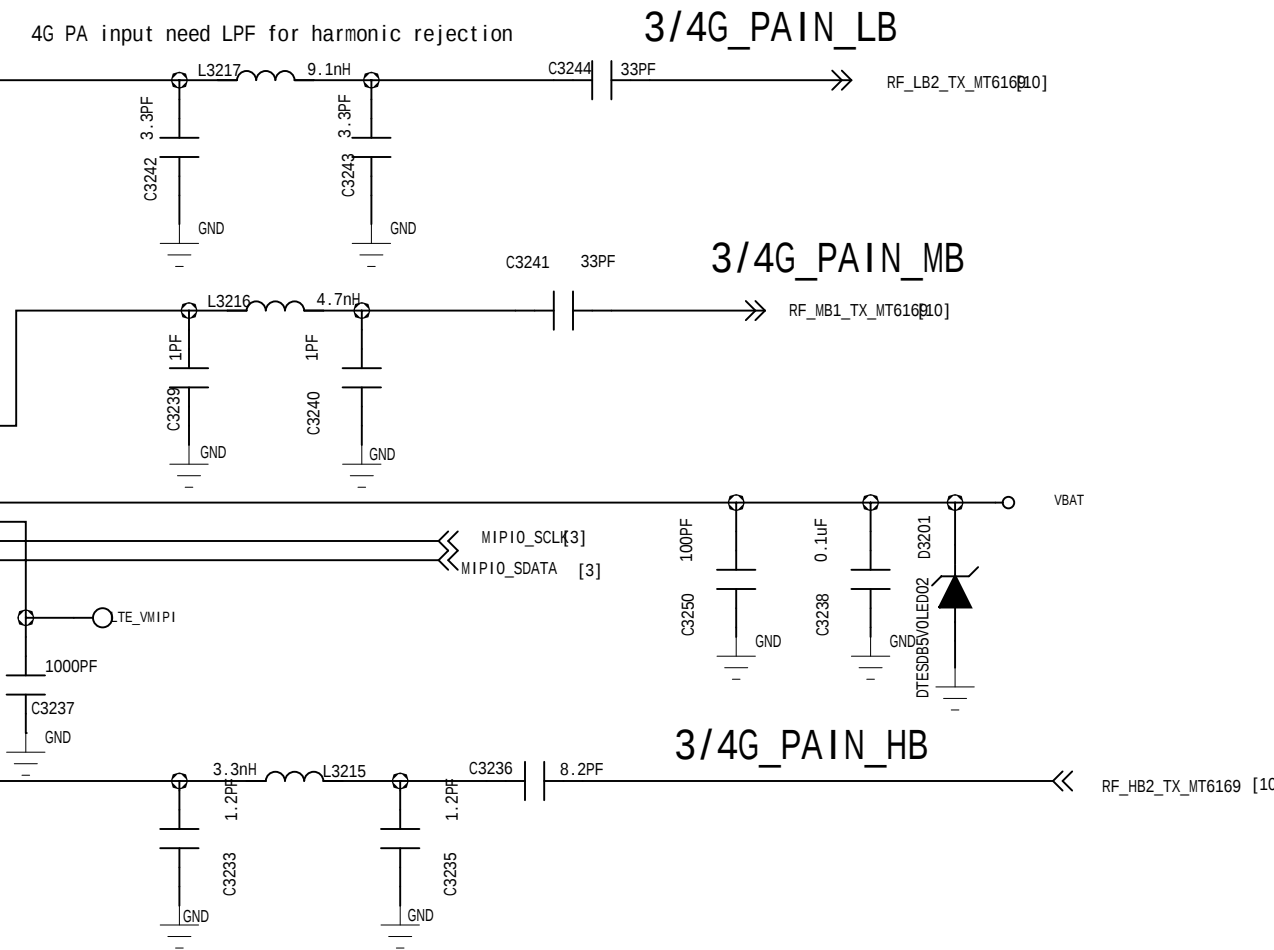
External Buck for DRAM

If using external buck for DRAM application, please refer to "MT6735_53 DRAM External Buck Design Notice":
1. Please add one more 1uF capacitor on PMIC VM output side (Must)
2. Please turn off Fast Transient Function of PMIC VM LDO (Must)

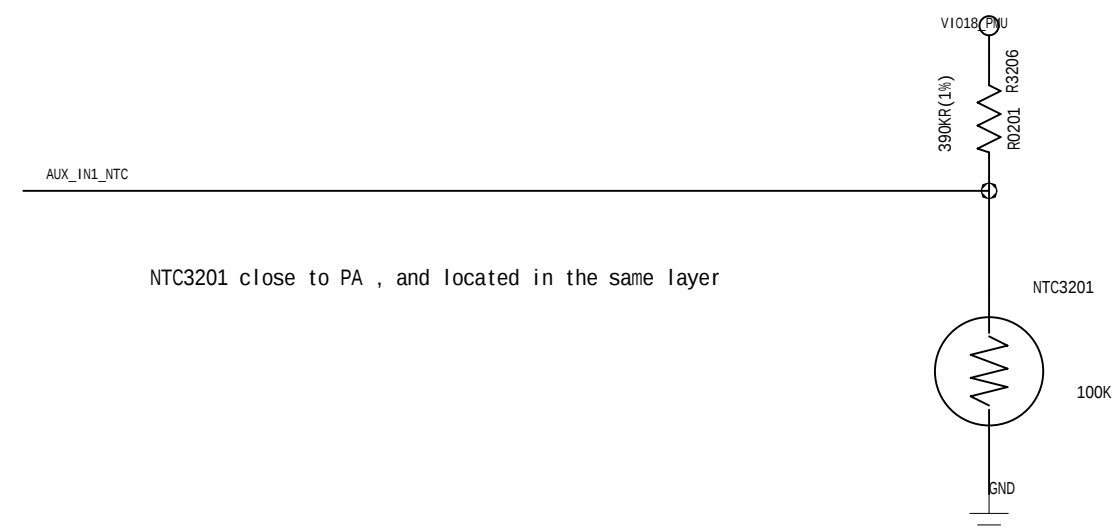
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QUALITY CONTROL: <QC By>		DATED: <QC Date>		CODE: <Code>	SIZE: D	DRAWING NO: <Drawing Number>	REV: <Revision>
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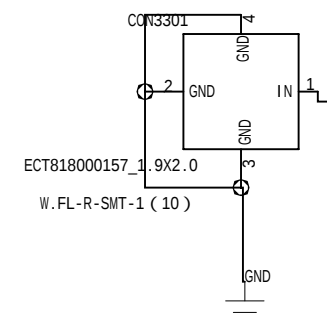


Power trace	PCB line width	MAX current
VPA_PMU	1.1mm	
VPA_VCC1	0.5mm	
VBAT	0.15mm	
LTE_VMIPI	0.15mm	

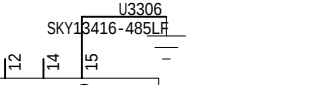
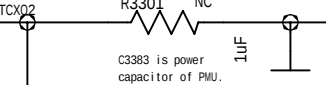
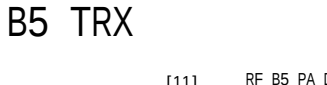
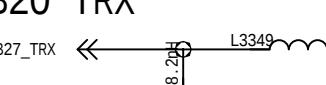
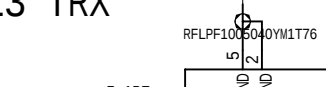
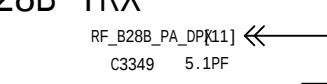
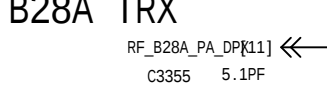
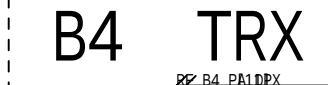


Thermistor / To sense board level temperature





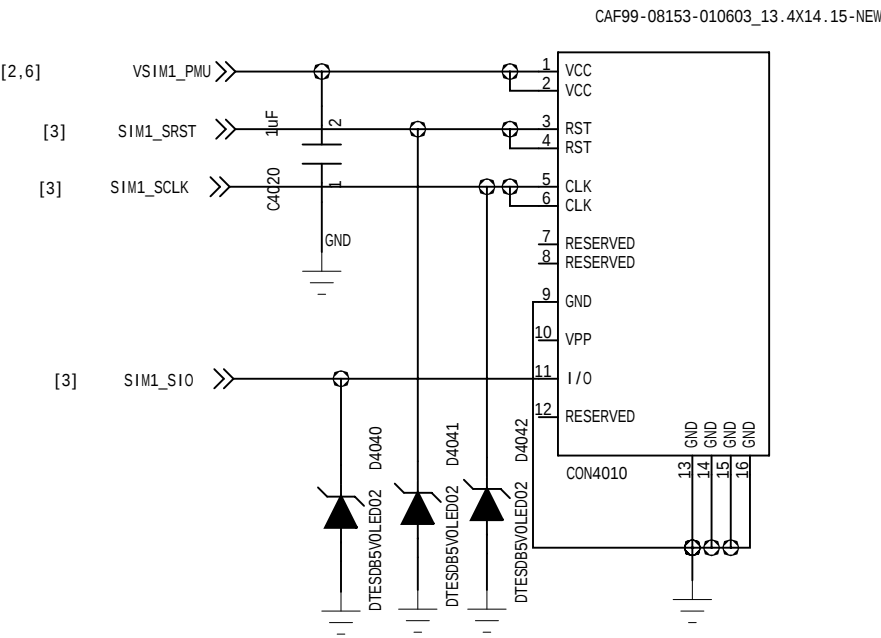
Power trace	PCB line width	MAX current
VBAT	2.5mm (Min 2.0mm)	
LTE_VMIPI	0.15mm	



REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

SIM1_sclk & SIM2_sclk sheilding by GND

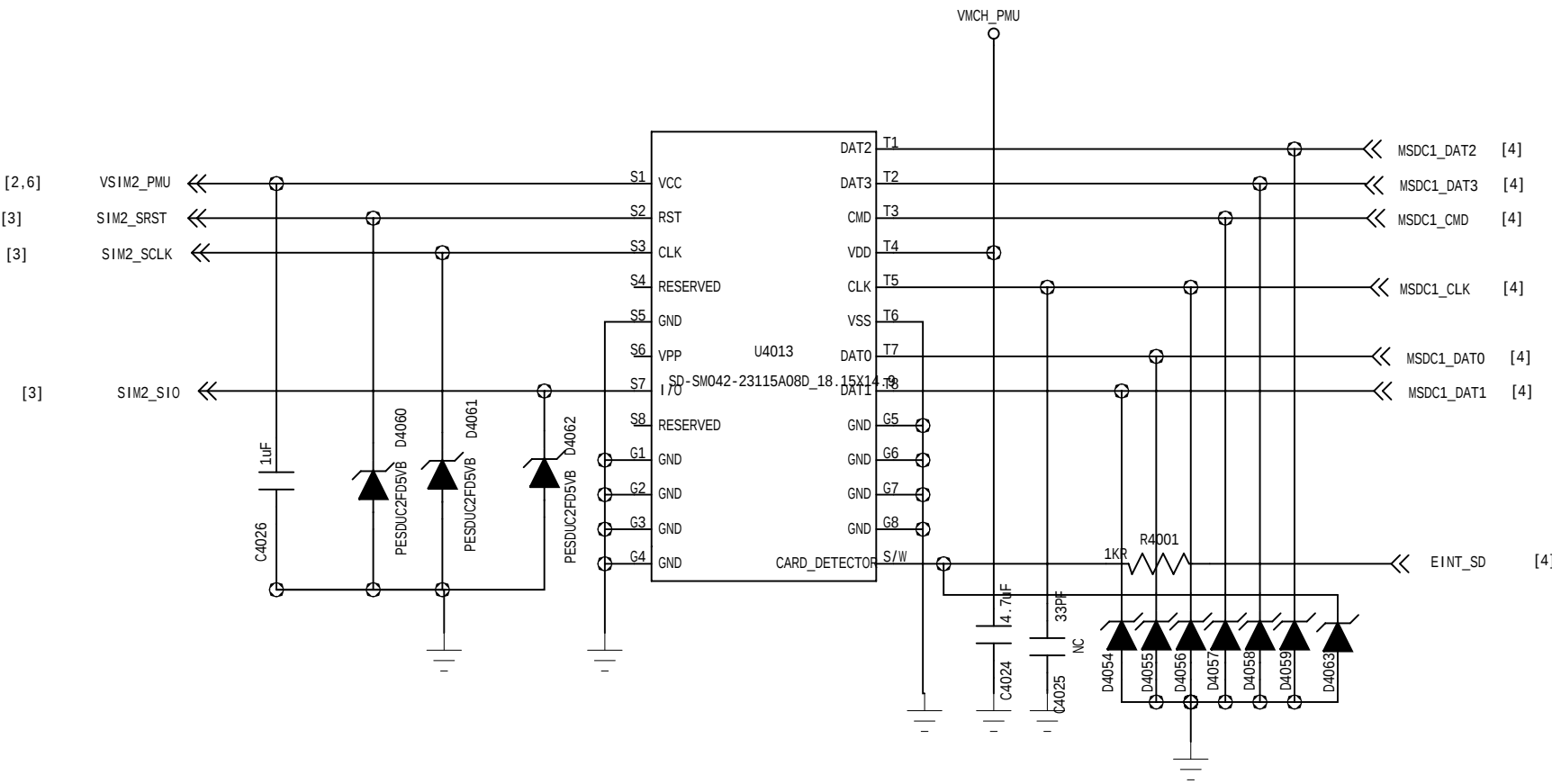
SIM1



SIM2

TF CARD

二合一卡座



Schematic design notice of "40_MEMORY_SD Card" page.

Note 40-1: The total equivalent capacitance of MSDC ESD protection device and de-sense bypass CAP must be <=10pF.

But for NFC app. equivalent capacitance of MSDC_NFC_SWP10 and MSDC_NFC_VCCSWP should <=0.5pF.

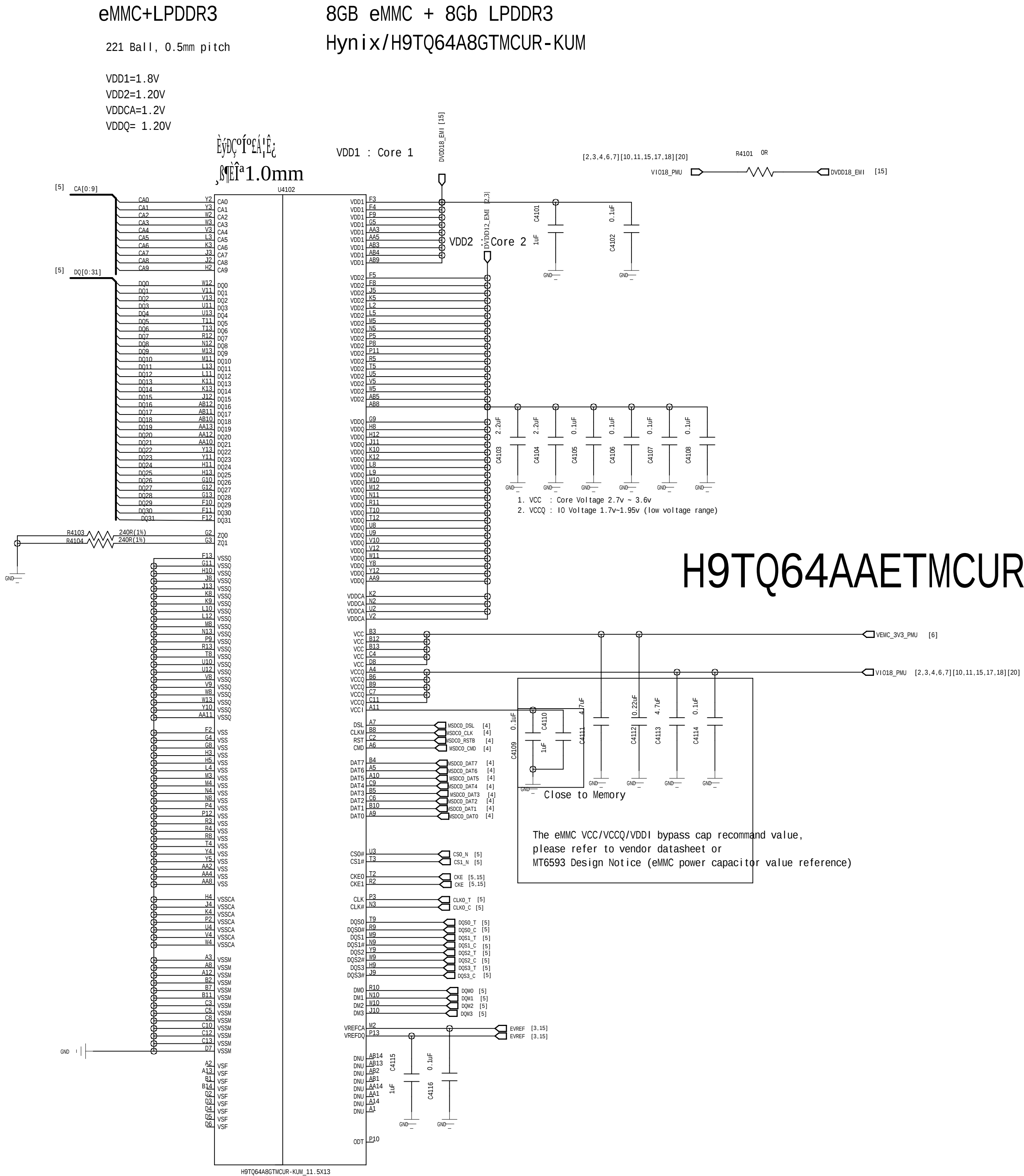
have checked

COMPANY: WIND			
TITLE: A183			
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CHECKED: SUNHAO	DATED: <Checked Date>	DRAWING NO:	
QUALITY CONTROL: <QC By>	DATED: <QC Date>	Revision:	
RELEASED: <Released By>	DATED: <Release Date>	SCALE: <Scale>	
SHEET: 14		22	

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

Connect to AP			
DQ[0..31]	DQ[0..31]		
CA[0..9]	CA[0..9]		
CS0_N	CS0_N		
CS1_N	CS1_N		
CKE	CKE		
DQM0	DQM0		
DQM1	DQM1		
DQM2	DQM2		
DQM3	DQM3		
DQS0_C	DQS0_C		
DQS1_C	DQS1_C		
DQS2_C	DQS2_C		
DQS3_C	DQS3_C		
DQS0_T	DQS0_T		
DQS1_T	DQS1_T		
DQS2_T	DQS2_T		
DQS3_T	DQS3_T		
CLK0_T	CLK0_T		
CLK0_C	CLK0_C		
VREF_CA	VREF_CA		
VREF_DQ	VREF_DQ		
MSDC0_RSTB	MSDC0_RSTB		
MSDC0_CMD	MSDC0_CMD		
MSDC0_CLK	MSDC0_CLK		
MSDC0_DSL	MSDC0_DSL		
MSDC0_DAT0	MSDC0_DAT0		
MSDC0_DAT1	MSDC0_DAT1		
MSDC0_DAT2	MSDC0_DAT2		
MSDC0_DAT3	MSDC0_DAT3		
MSDC0_DAT4	MSDC0_DAT4		
MSDC0_DAT5	MSDC0_DAT5		
MSDC0_DAT6	MSDC0_DAT6		
MSDC0_DAT7	MSDC0_DAT7		

Power I/F			
V1018_PMU	V1018_PMU		
VEMC_3V3_PMU	VEMC_3V3_PMU		
DVDD12_EM1	DVDD12_EM1		



COMPANY: WIND			
TITLE: A183			
DRAWN: XISHUANGSHUANG	DATED: 2016.04.20	CODE: <Code>	SIZE: D
CHECKED: SUNHAO	DATED: <Checked Date>	DRAWING NO: <Drawing Number>	REV: <Revision>
QUALITY CONTROL: <QC By>	DATED: <QC Date>	SCALE: <Scale>	
RELEASED: <Released By>	DATED: <Release Date>	SHEET: 15 22	

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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

Speaker

Receiver

Based on your system level design , if better desense performance is needed on your system.

Based on your system level design , if better desense performance is needed on your system.

Earphone Audio

Based on your system level design , if better Audio performance is needed on your system, please add 32ohm to audio path for performance enhance proposal (32ohm condition pop noise can improve 6dB)

BEAD6002 / BEAD6004 are for FM-desense tuning proposal

Note: 60-1

Single via to GND plane

Note: 60-2

Handset Microphone 2

Reserved for ACC mode
1uF for WB_AMR Speech
0.1uF for NB_AMR Speech

Based on your system level design, if better audio performance is needed on your system, please reserve for ACC mode

Handset Microphone 1

Reserved for ACC mode
1uF for WB_AMR Speech
0.1uF for NB_AMR Speech

Based on your system level design, if better audio performance is needed on your system, please reserve for ACC mode

Earphone MICPHONE

Close to CON6001

Reserved to enhance TDD performance

tie together and single via to GND plane

D

D

C

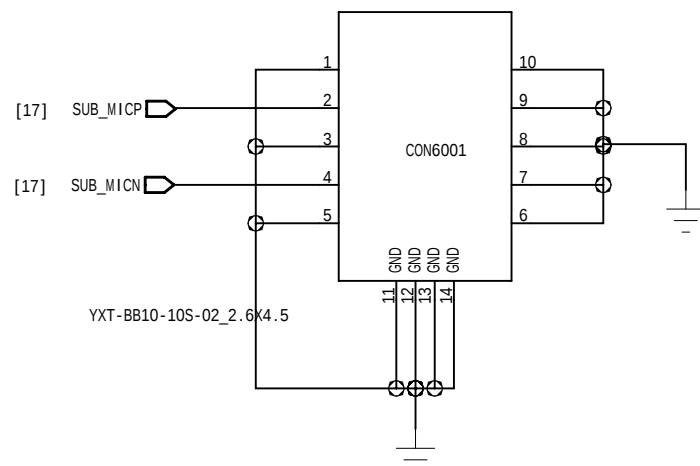
C

B

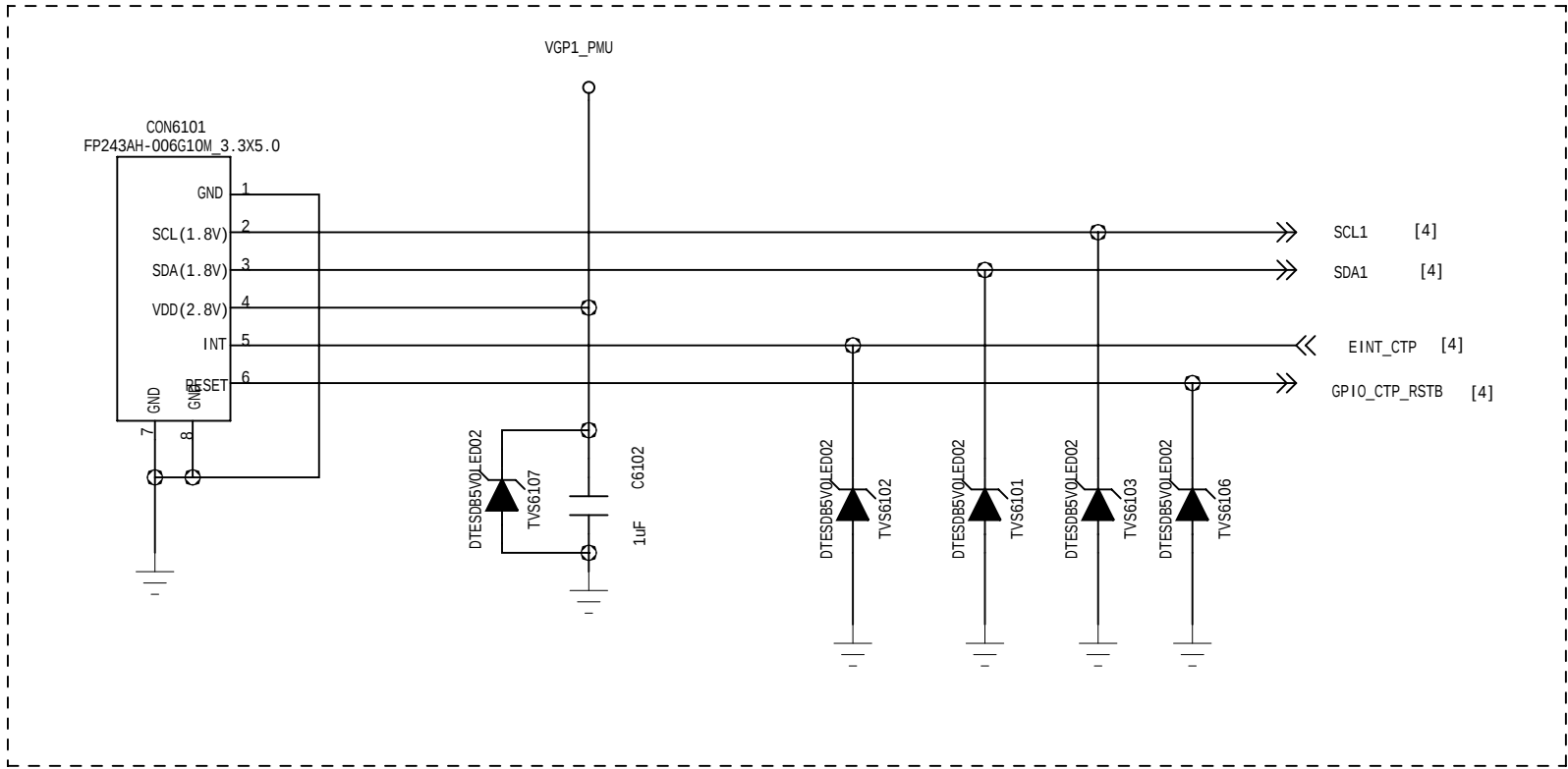
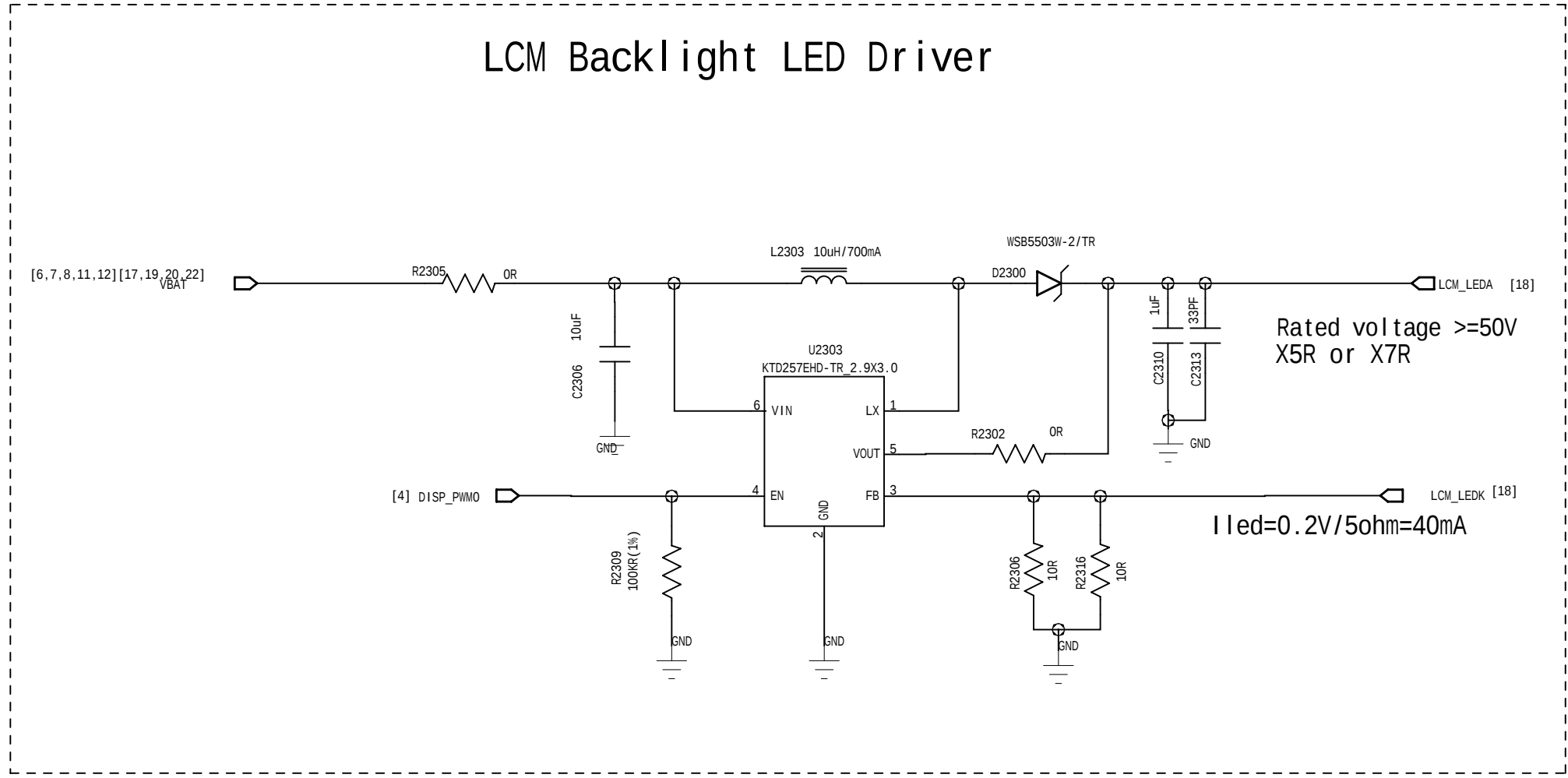
B

A

A

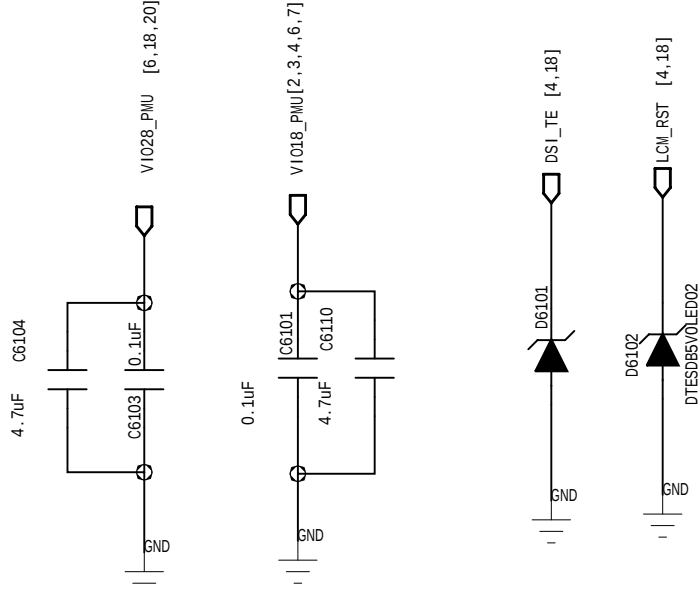
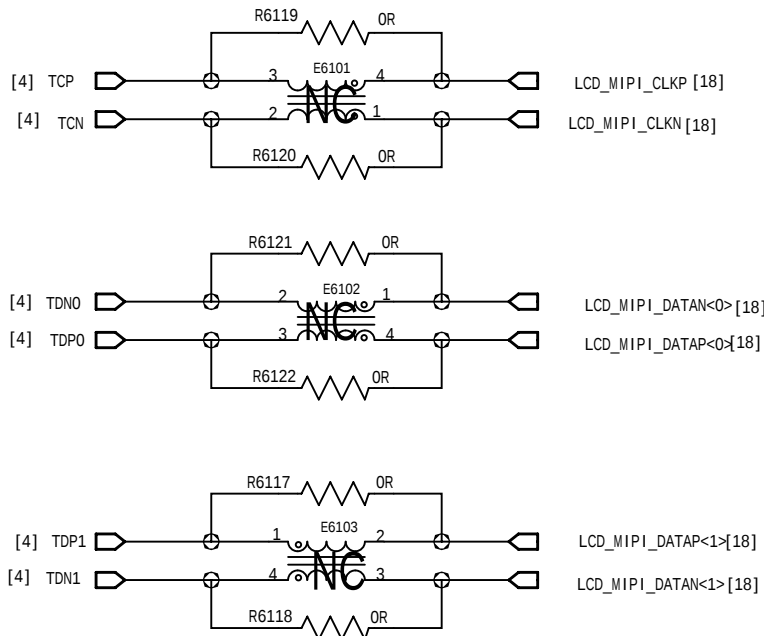
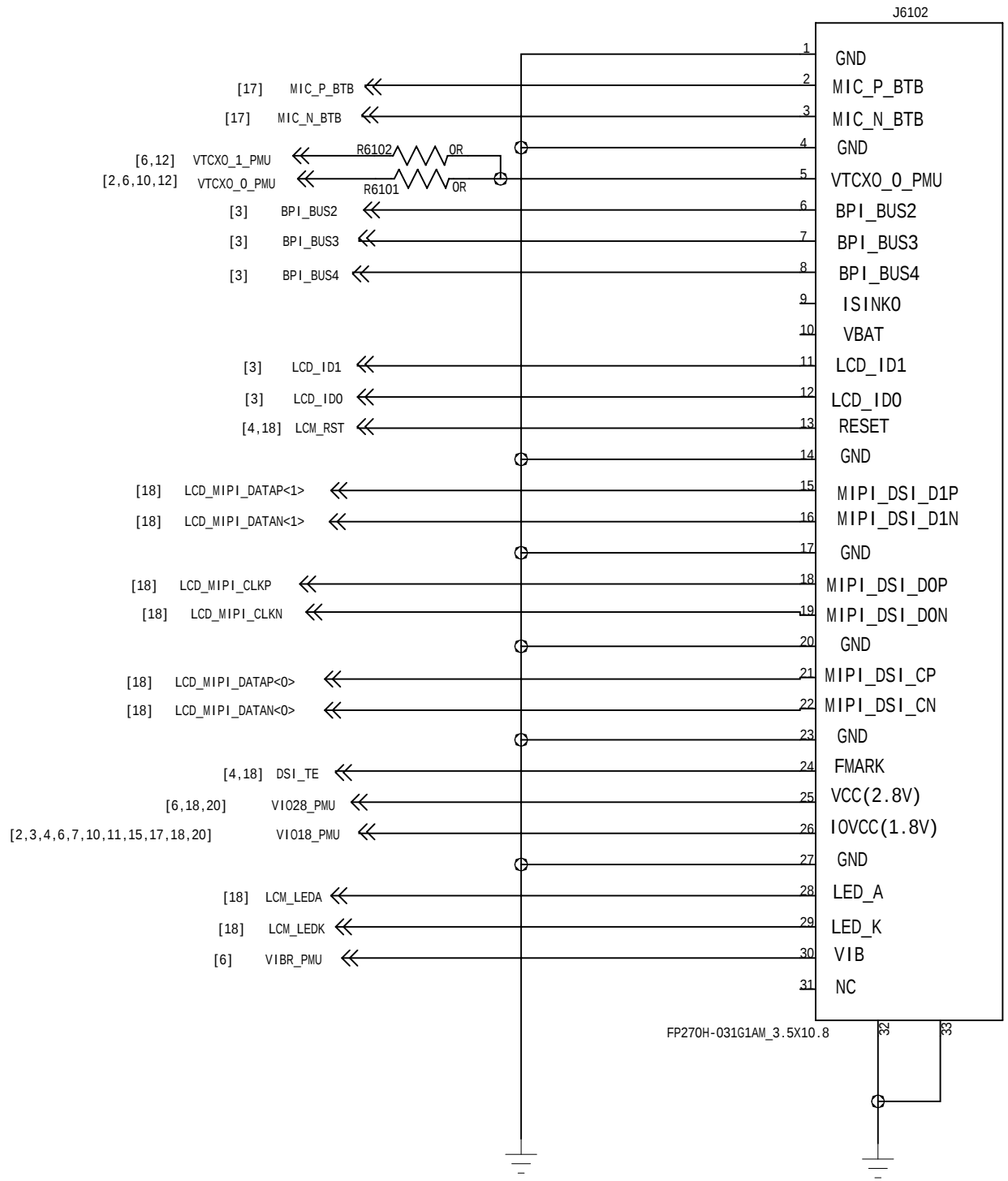


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RELEASED: <Released By>		DATED: <Release Date>		DRAWING NO: <Drawing Number>	
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				SCALE: <Scale>	
				SHEET: 17/ 22	



Close to the connector

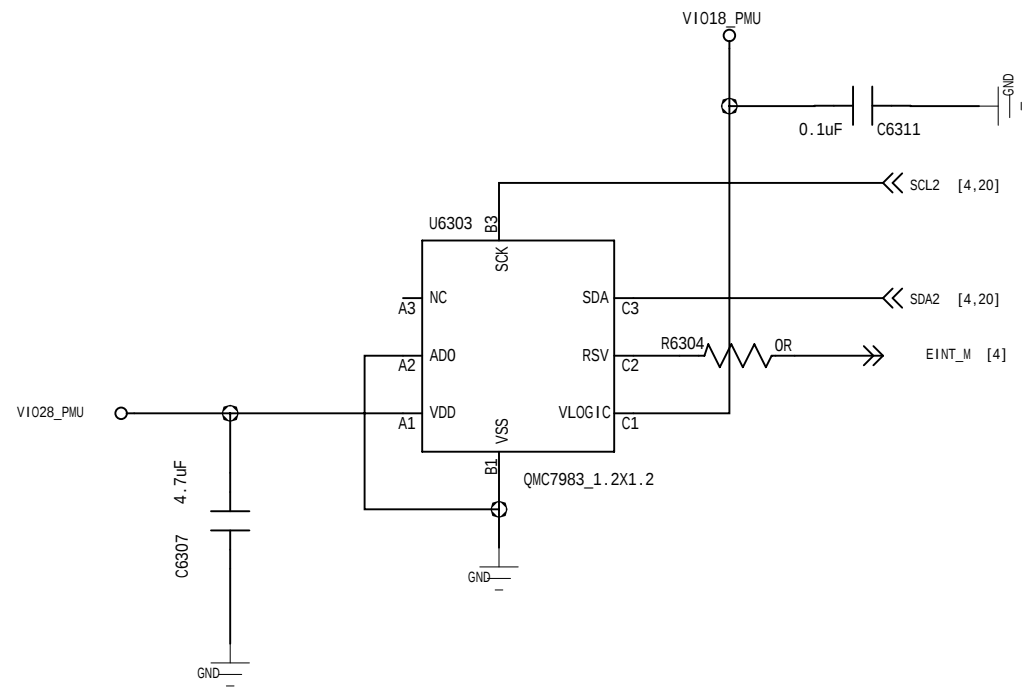
MIPI LCD:4" WGA



COMPANY: WIND			
TITLE: A183			
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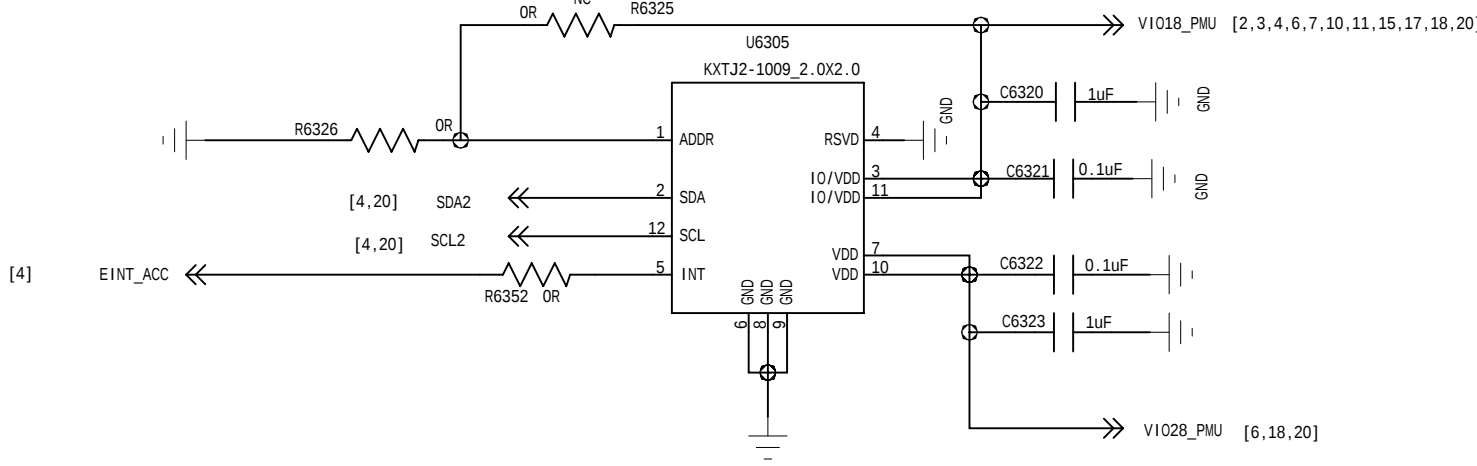
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

MAG Sensor

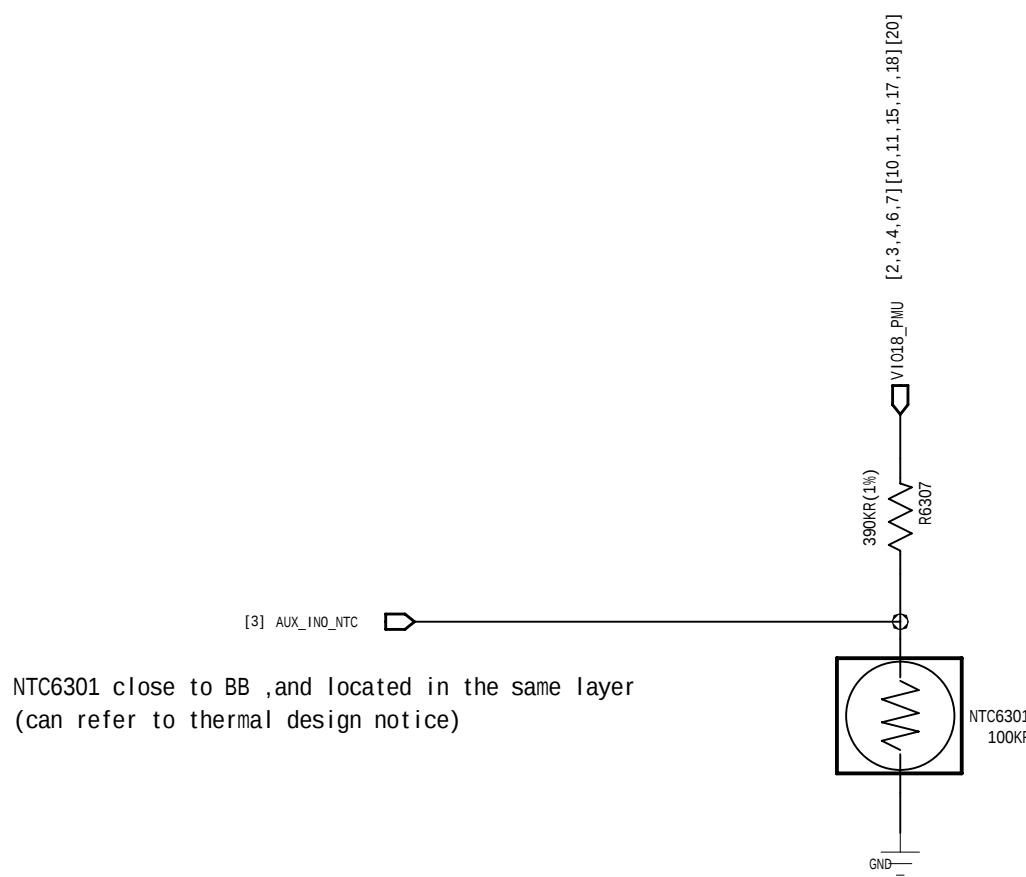
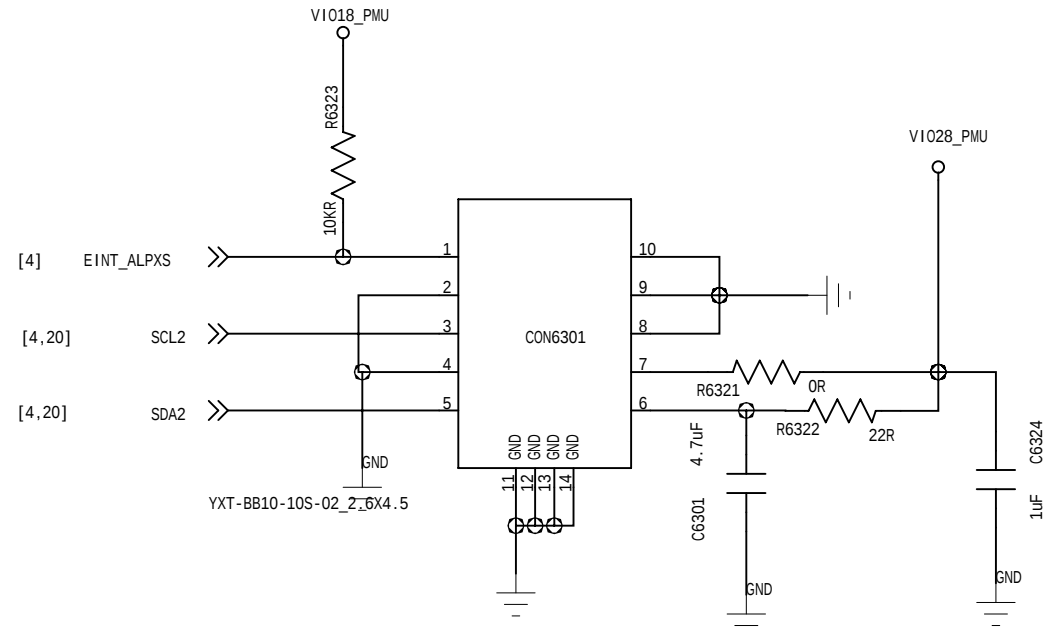


AKM8963C和MMC34160PJ硬件兼容
Default MMC34160PJ

G Sensor-3X 2*2

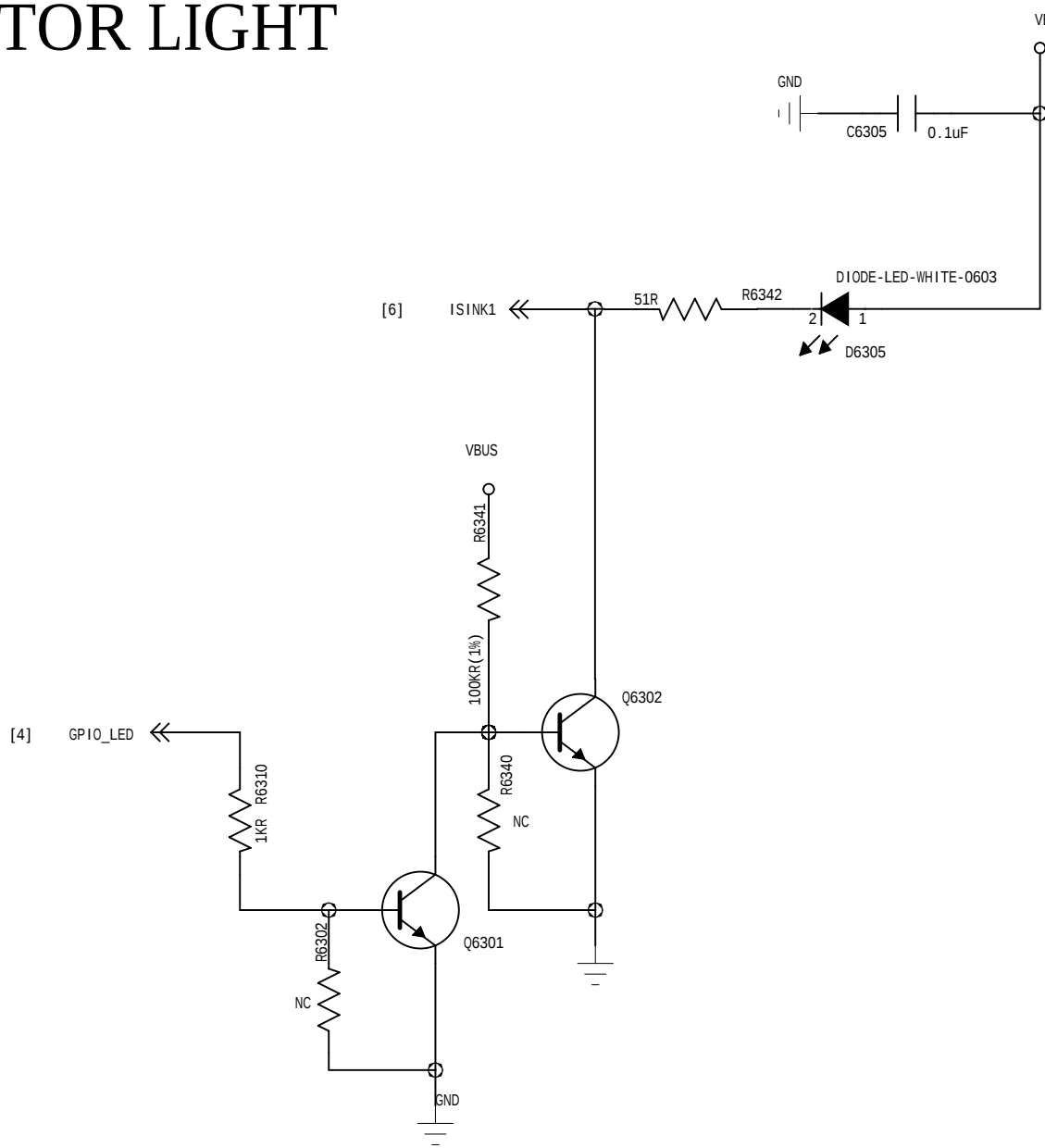


Ambient Light Sensor with Proximity Sensor EPL2590



Thermistor / To sense board level temperature

INDICATOR LIGHT

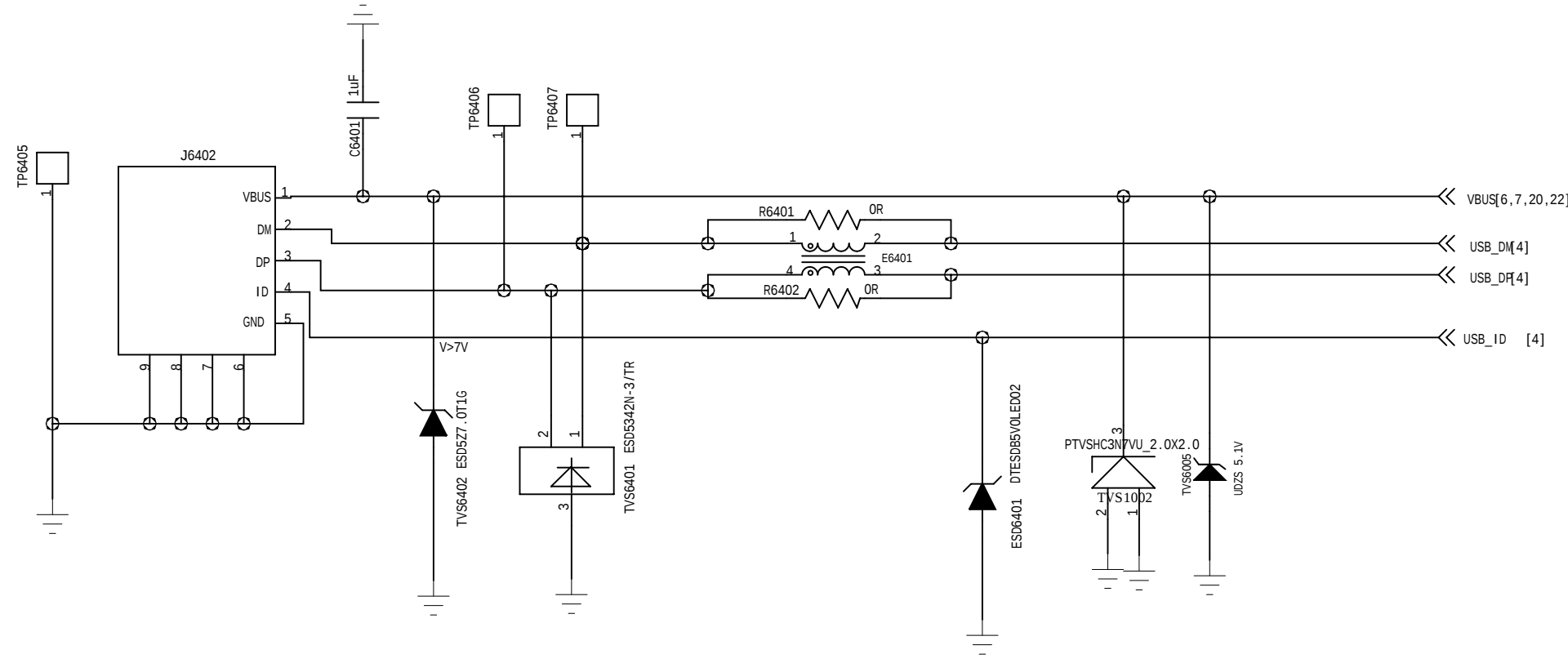


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COMPANY:		WIND	
TITLE:		A183	
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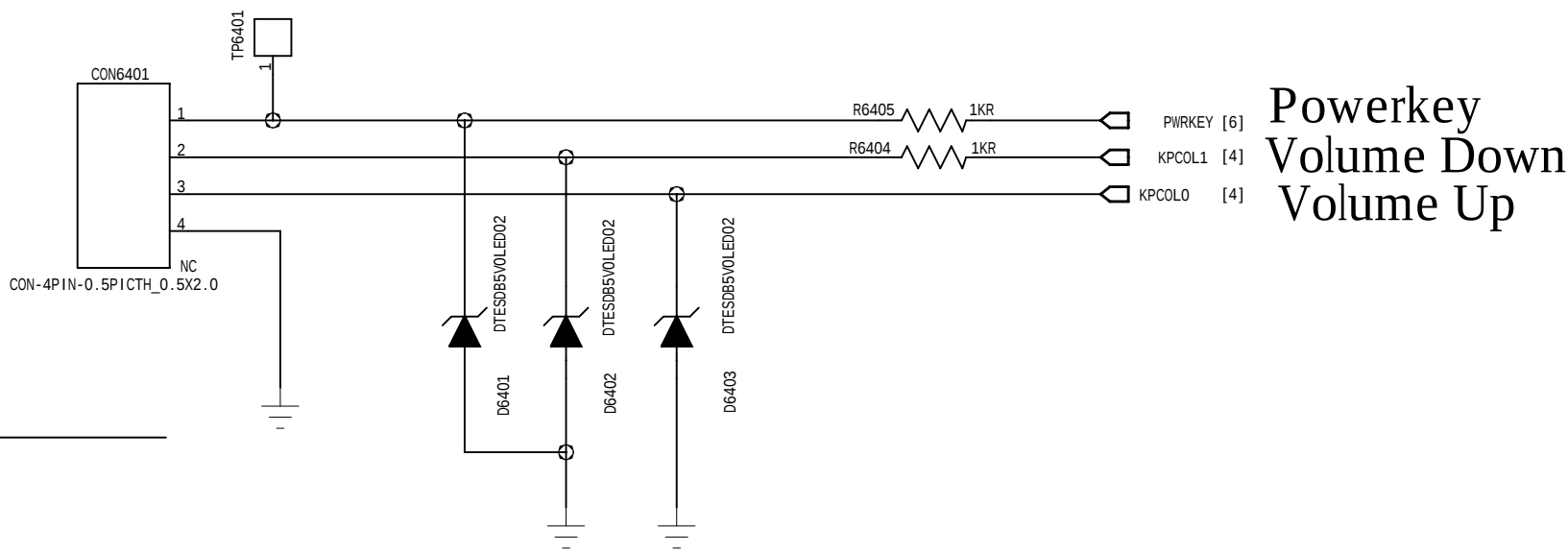
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

USB



15-8

side key



9-4

Powerkey
Volume Down
Volume Up

COMPANY: WIND			
TITLE: A183			
DRAWN: XISHUANGSHUANG	DATED: 2016.04.20	CODE: <Code>	SIZE: D
CHECKED: SUNHAO	DATED: <Checked Date>	CODE: <Code>	SIZE: D
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have checked

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