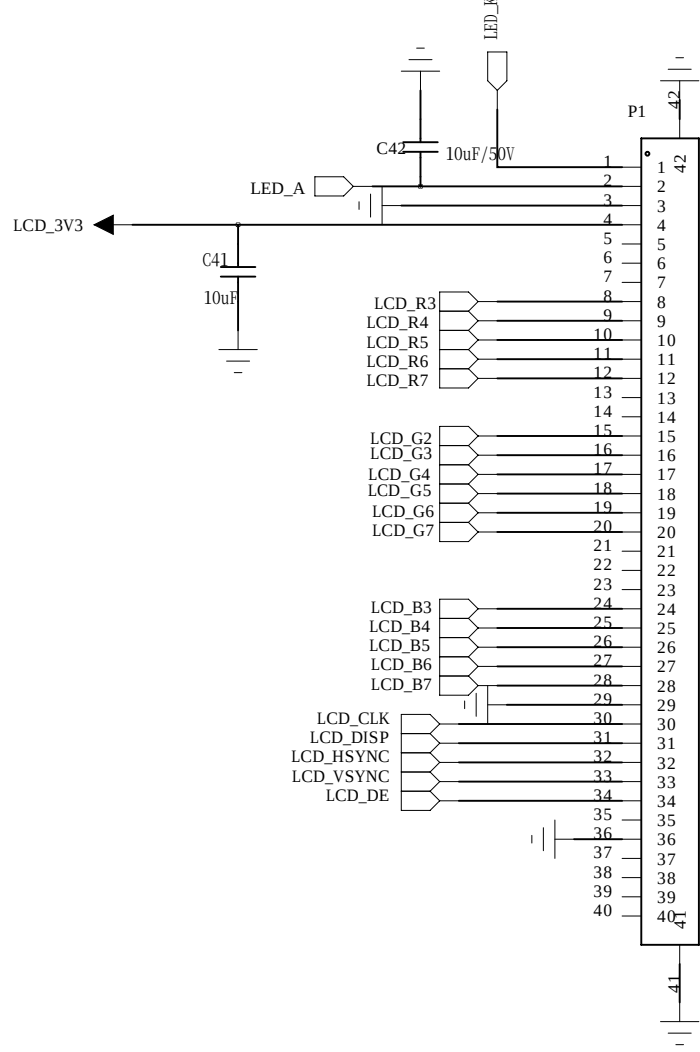
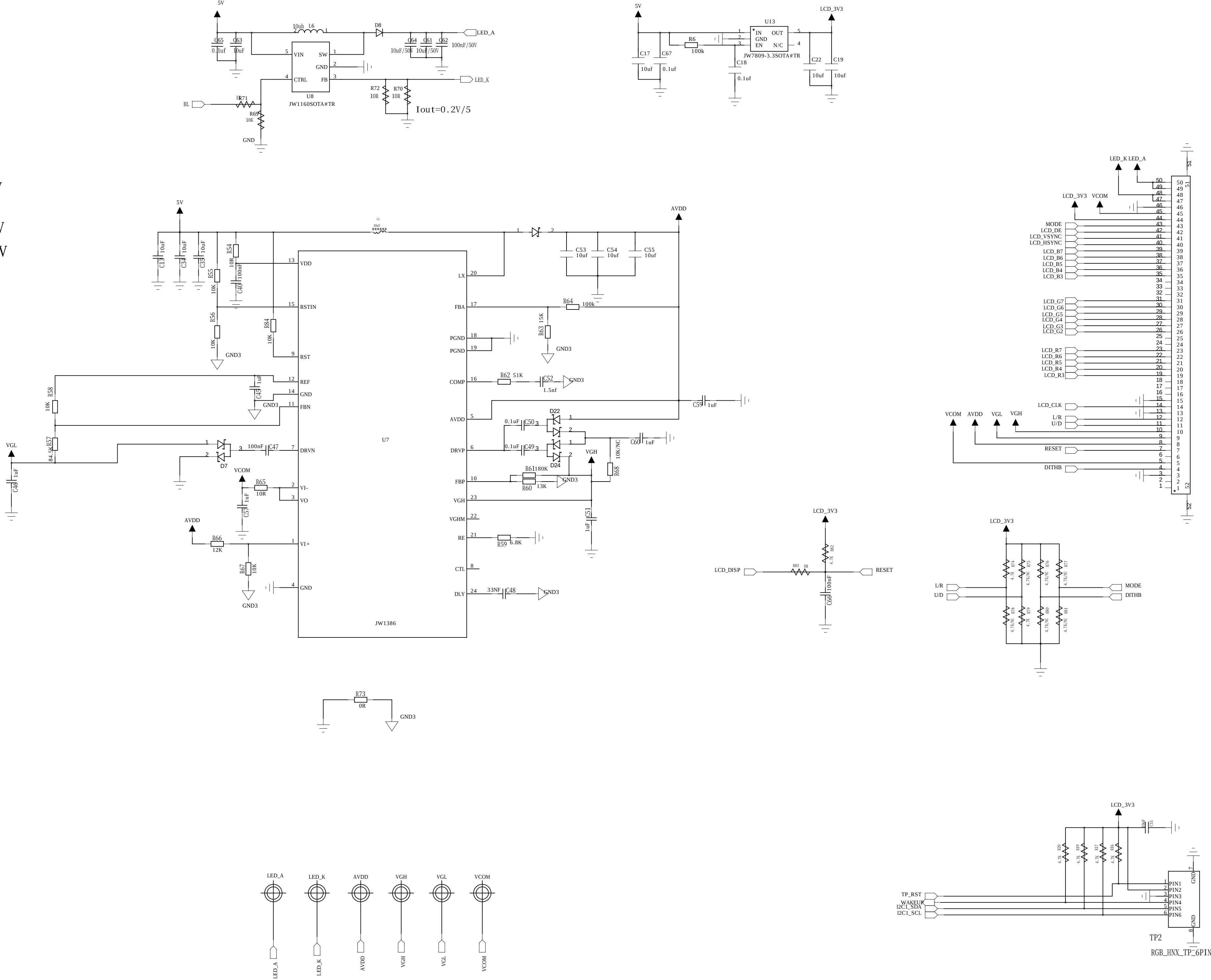


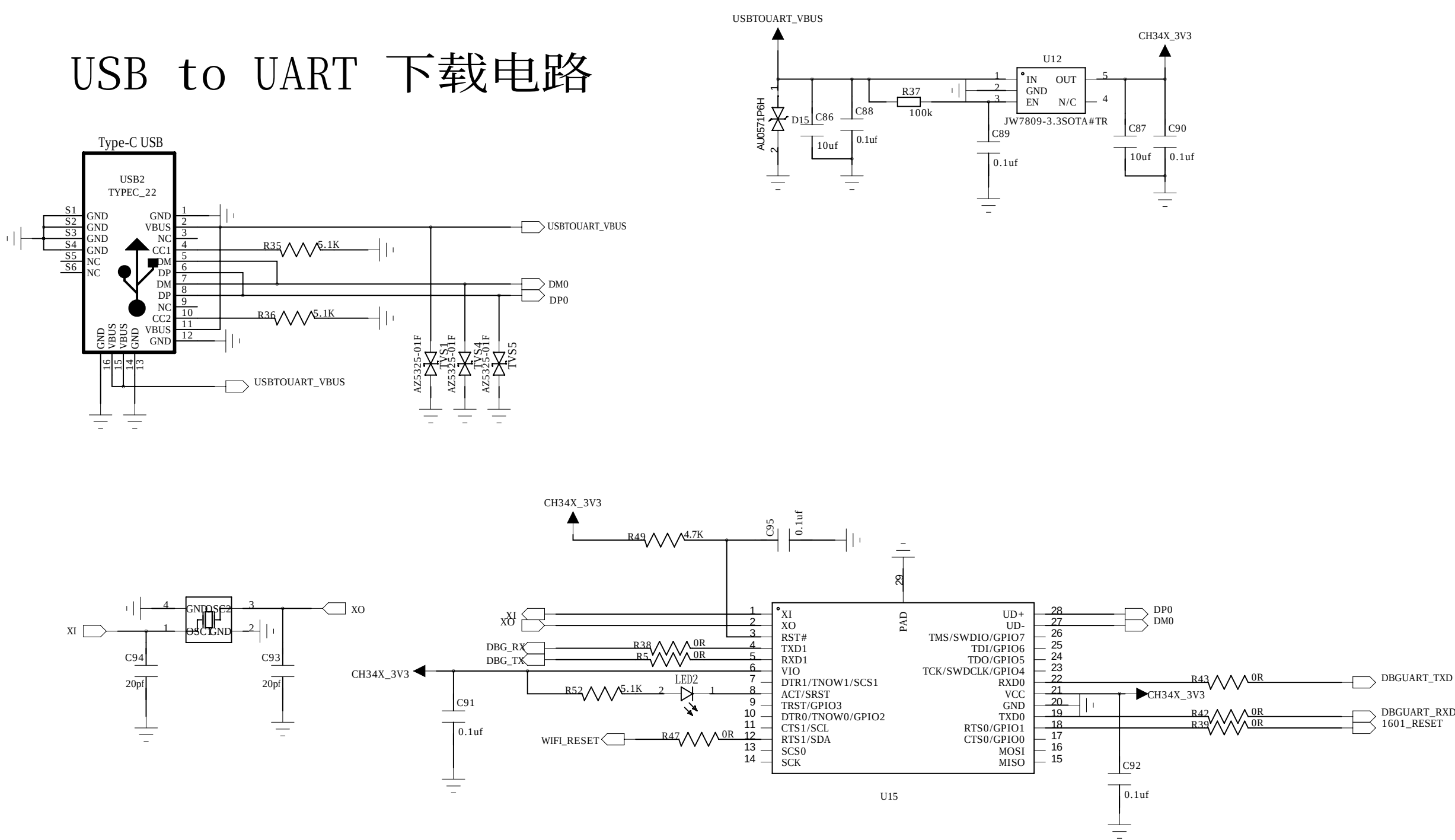
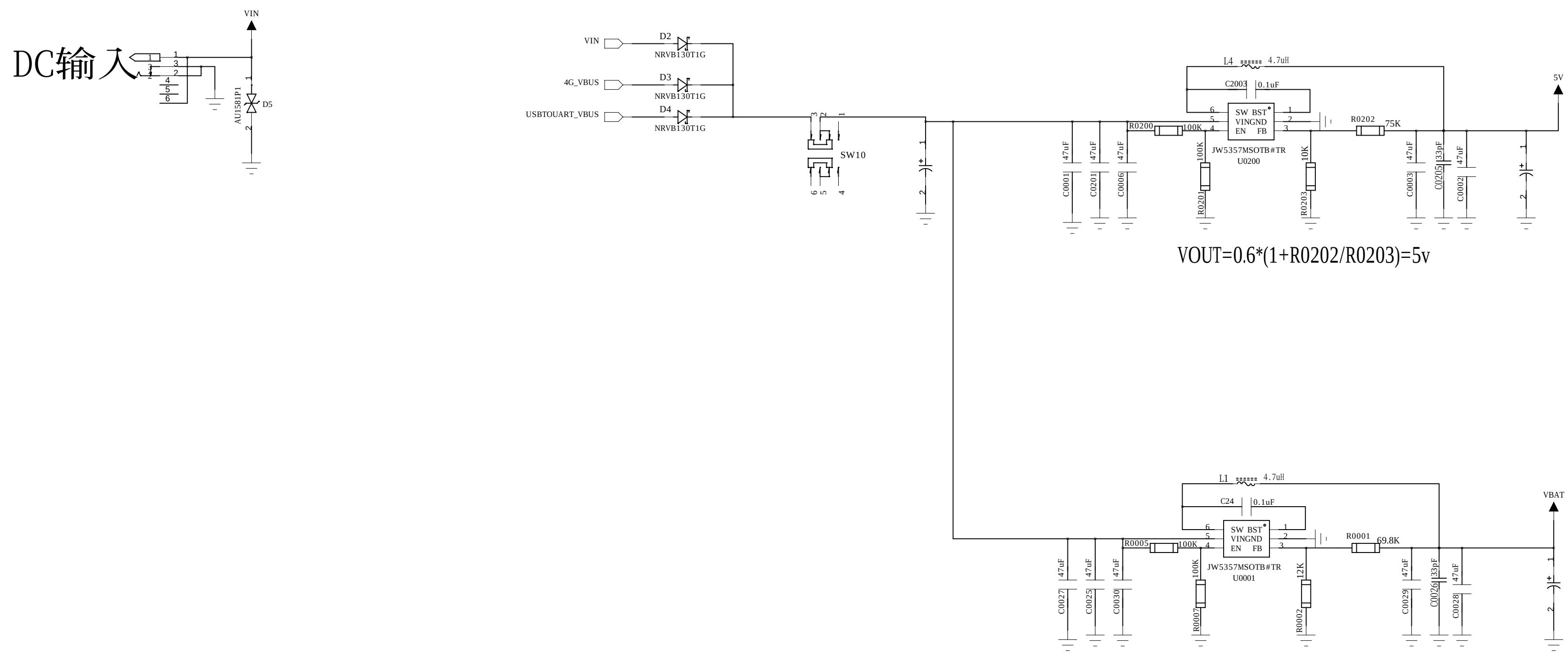
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LIB	ECO NO.	APPROVED	DATE

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VGL:-8.2v
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VCOM:4.2V



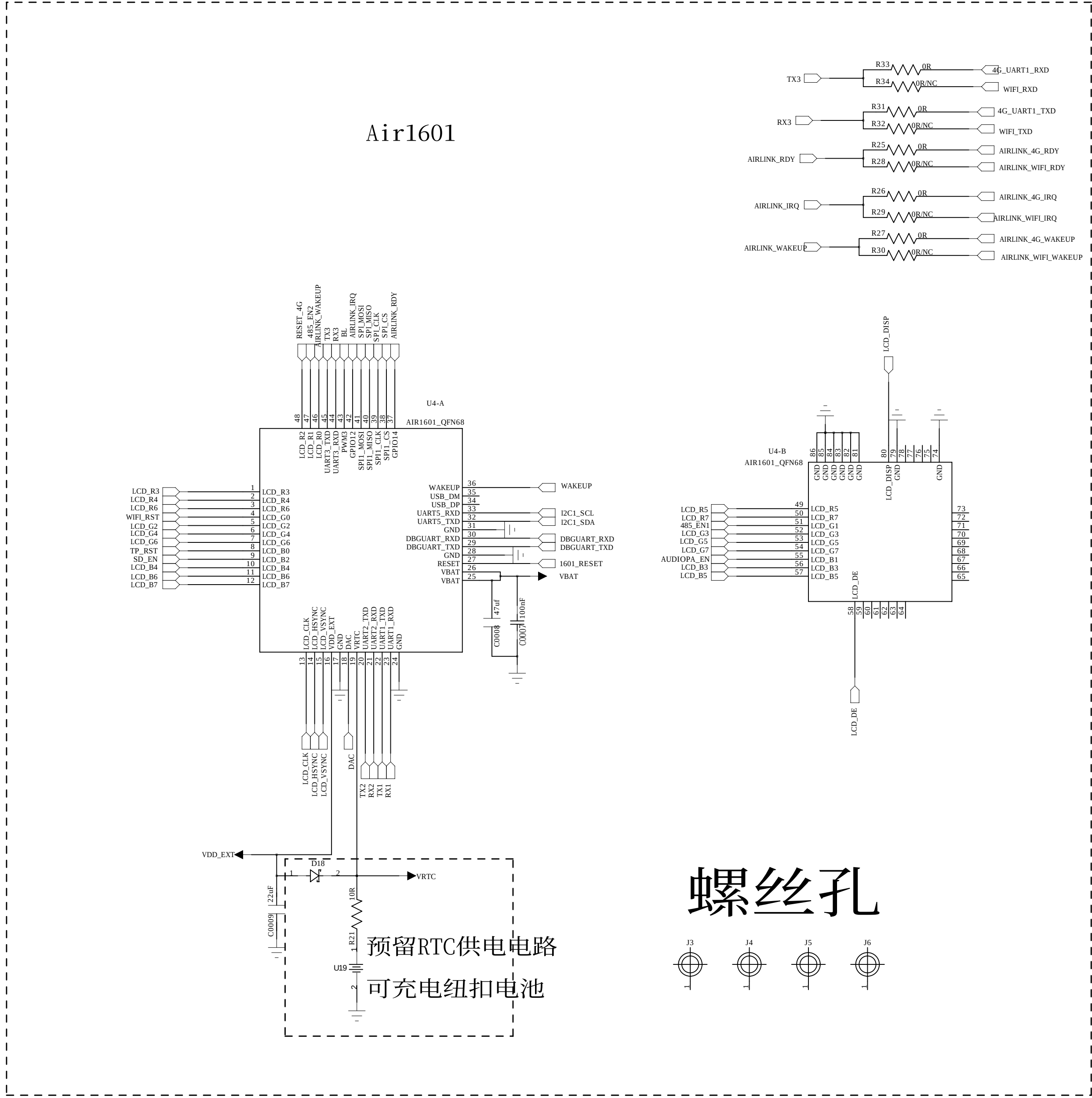
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REVISION RECORD			
LTB	ECO NO.	APPROVED	DATE



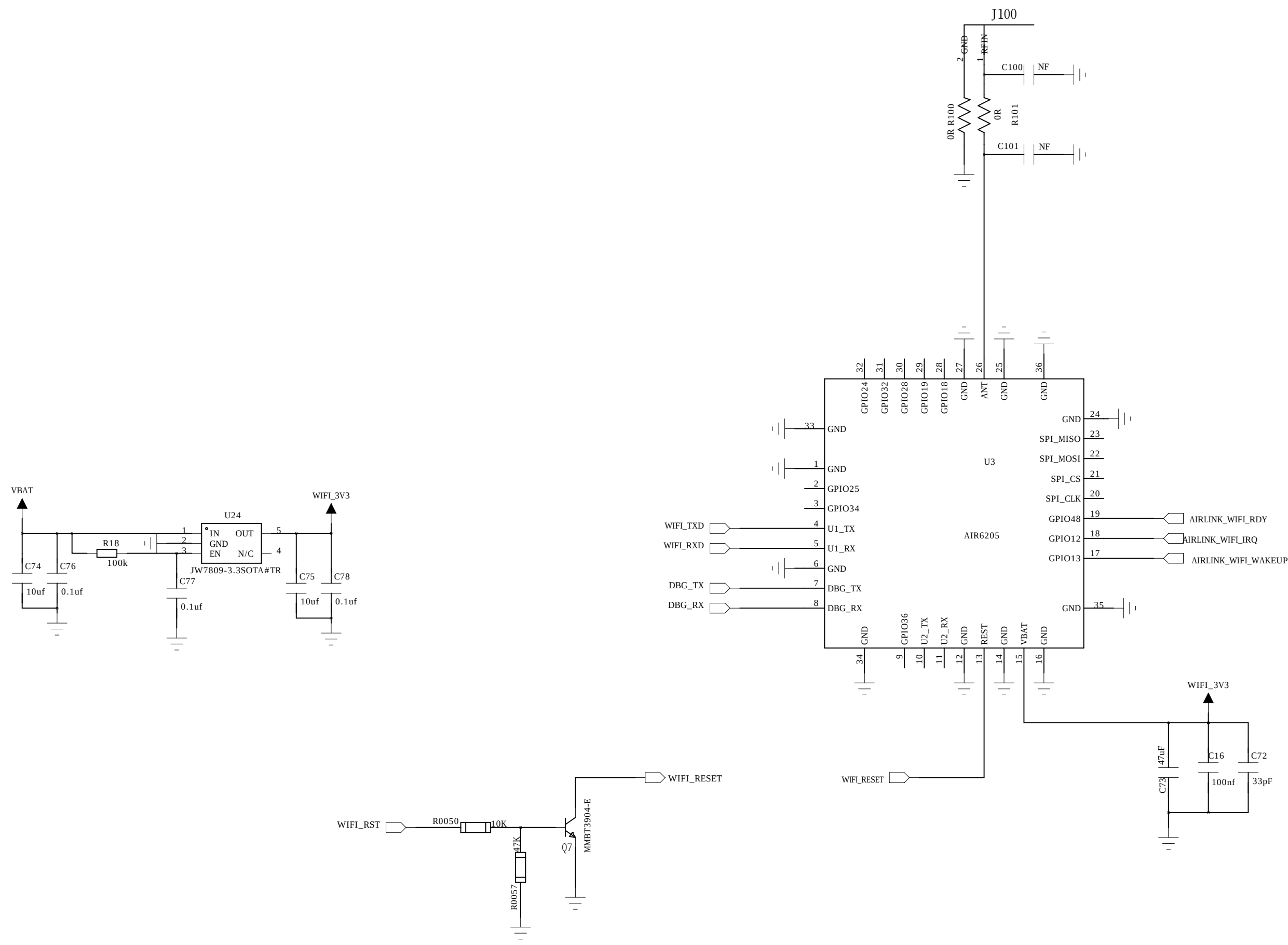
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			<Revision>
SHEET: 2 OF 8			

REVISION RECORD			
LIB	ECO NO.	APPROVED	DATE

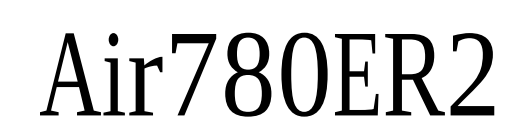
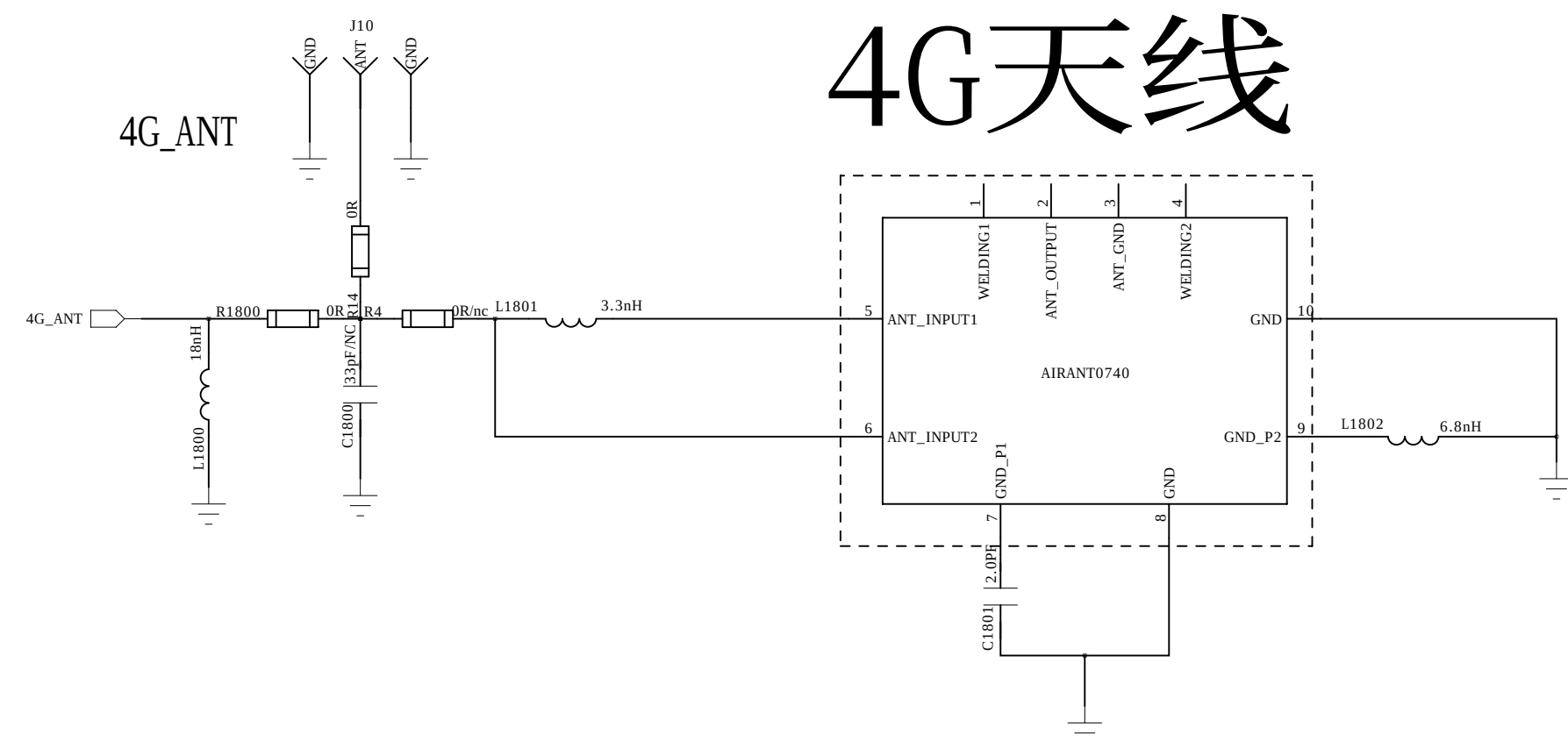


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REVISION RECORD			
LTB	ECO NO.	APPROVED	DATE



COMPANY			
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SCALE:		<Scale>	REV:
SHEET: 4		OF 8	



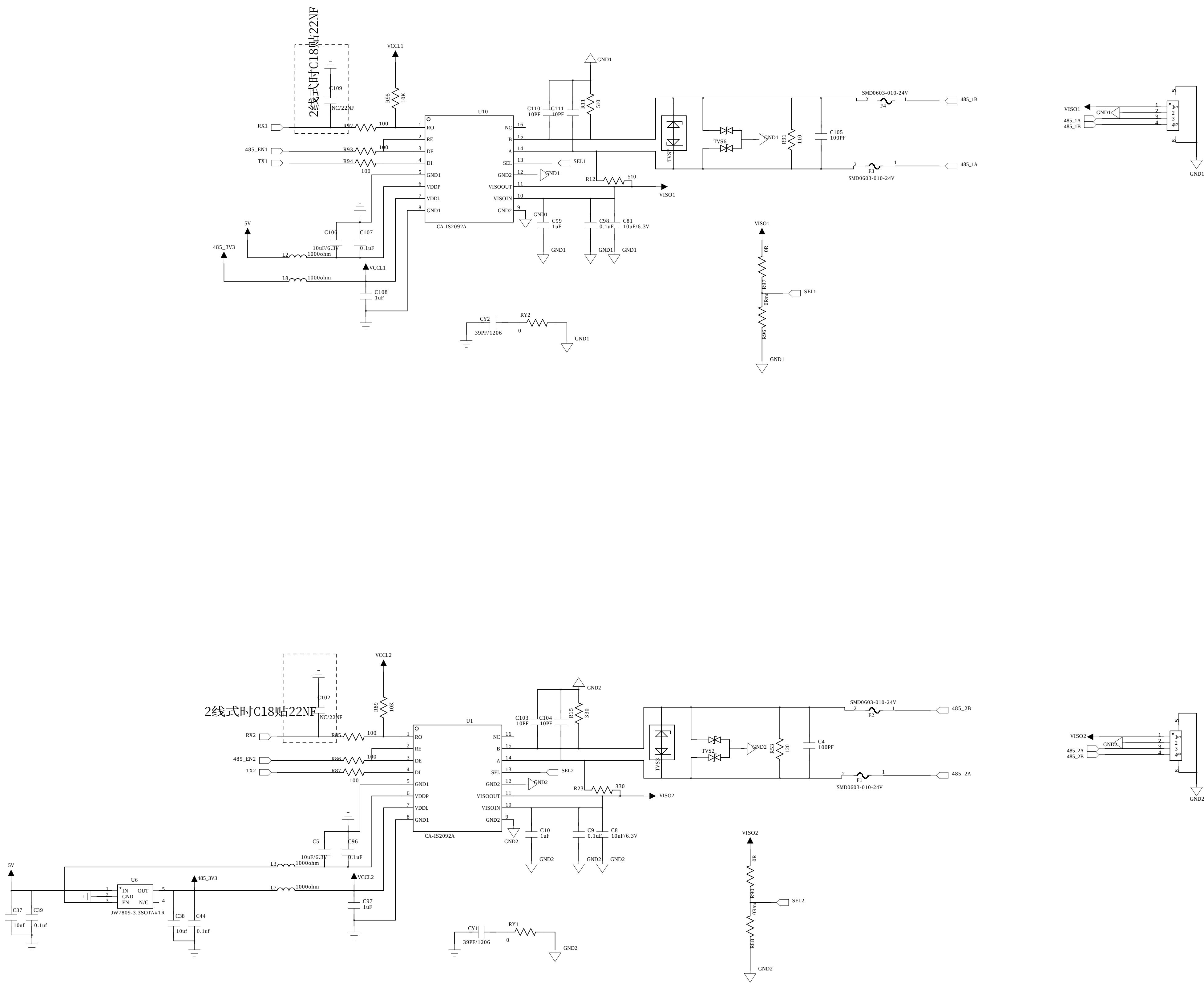
1. USB走线需要严格按照差分线控制，做到平行和等长；
2. USB走线的阻抗需要控制到差分90欧姆；
3. 需要尽可能的减少USB走线的stubs，减少信号反射；USB信号的测试点最好直接放在走线上以减少stub
4. 在靠近USB连接器或者测试点的地方添加TVS保护管，由于USB的速率较高，需保证选用的TVS保护管的寄生电容小于1pF
5. VBUS作为USB插入检测，必须连接USB电源或者外接电源，否则USB无法被检测到，VBUS的检测电压要大于3.3V

USB_BOOT 在开机过程中拉高可以进入USB下载模式
建议预留测试点

DCB_UART，也常备称为UART0，用作底层日志的抓取
波特率921600bps，不可更改
不可作为通用UART使用

VBAT供电测试点, 设计批量升级夹具时会用到

REVISION RECORD			
LTB	ECO NO.	APPROVED	DATE



COMPANY			
<Company Name>			
TITLE:			
<Title>			
DRAWN:	<Drawn By>	DATED:	<Drawn Date>
CHECKED:	<Checked By>	DATED:	<Checked Date>
QUALITY CONTROL:	<QC By>	DATED:	<QC Date>
RELEASED:	<Released By>	DATED:	<Release Date>
CODE:		SIZE:	DRAWING NO.
<Code>		A0	<Drawing Number>
SCALE:		<Scale>	REVISION
SHEET: 7		OF 8	

