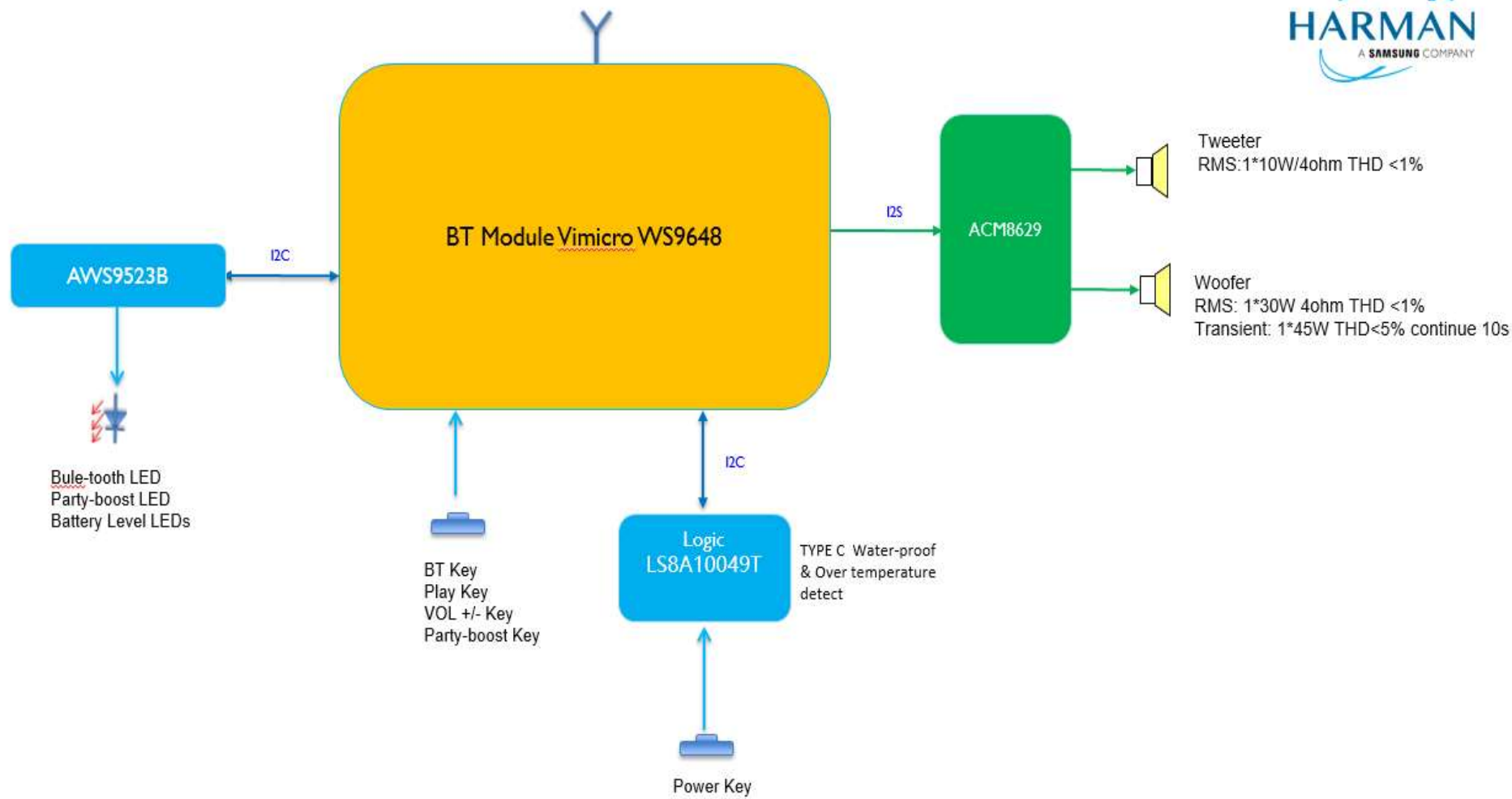


# JBL Charge6 BT version(Pre-EV)



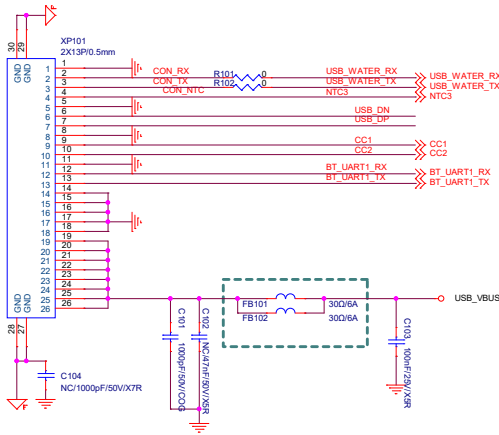
<div><div>1.满足SONY GP要求:(SONY机型适用) 禁止使用SS-00259中规定的1级环境管理物质; *环境有害物质必须从索尼的彩色伙伴中认定供应商处采购</div><div>2.符合通力《公司环境管理标准》的要求,但不同于: <div><div>满足RoHS2.0</div><div>满足REACH要求</div><div>满足CP65要求</div><div>满足无卤要求</div><div>不含有害苯二胺盐</div></div></div></div> <div><div><div>AV R&amp;D</div></div></div> <div><div>Designs</div><div>Zhan Pan</div><div>Date</div><div>Wednesday, May 15, 2024</div></div> <div><div>Check:</div><div>&lt;Check_Name&gt;</div><div>Date</div><div>2023-07-17</div></div> <div><div>Approve:</div><div>&lt;Approve_Name&gt;</div><div>Date</div><div>2023-07-17</div></div> <div><div>Model No:</div><div>&lt;Model No&gt;</div><div>Sch Ver</div><div>01-HARGE6-MAA00</div><div>Sheet</div><div>A2</div></div> <div><div>Title:</div><div>01 BLOCK</div><div>PCB Ver</div><div>&lt;40-300000-300000&gt;</div><div>Sheet:</div><div>2 of 13</div></div>
--

## A

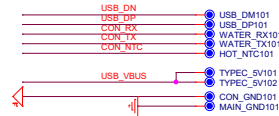


□

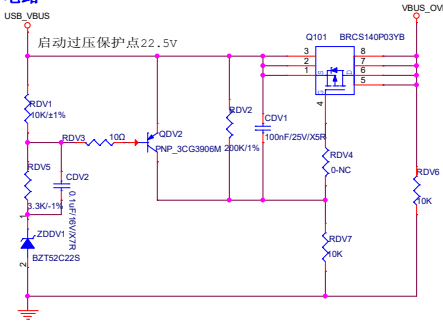
## Connect to the USB board



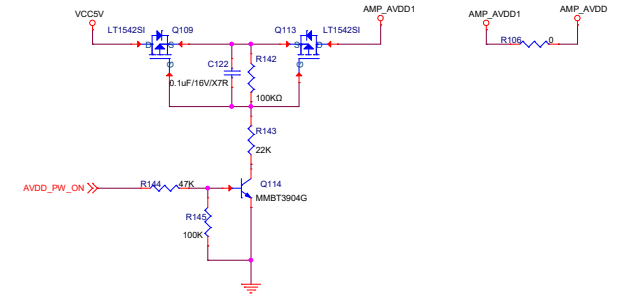
### 生产测试点



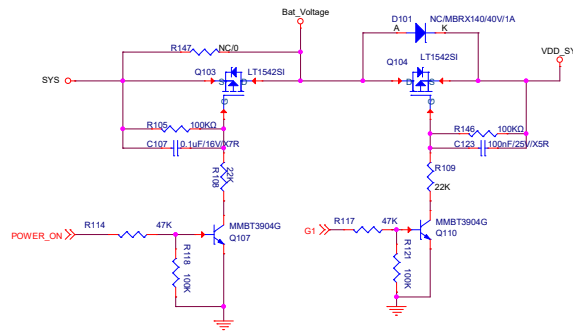
## 过压保护电路



## POWER For AMP\_AVDD

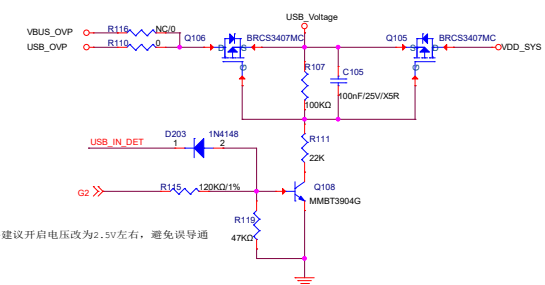


## SYS POWER ON/OFF (BAT)



## SYS POWER ON/OFF (USB)

参考标准化电路

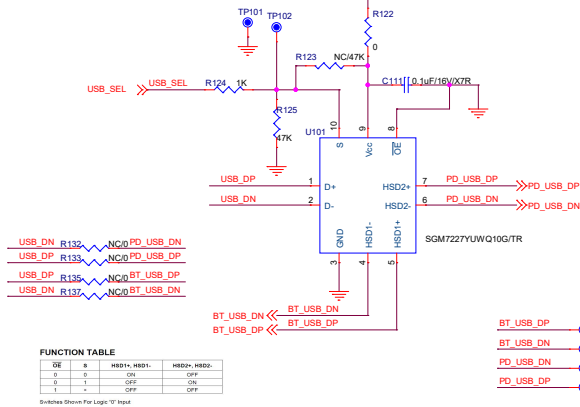


软件建议开启电压改为2.5V左右，避免误导通

## USB SW

0201修改

TP21/TP22靠一起放置

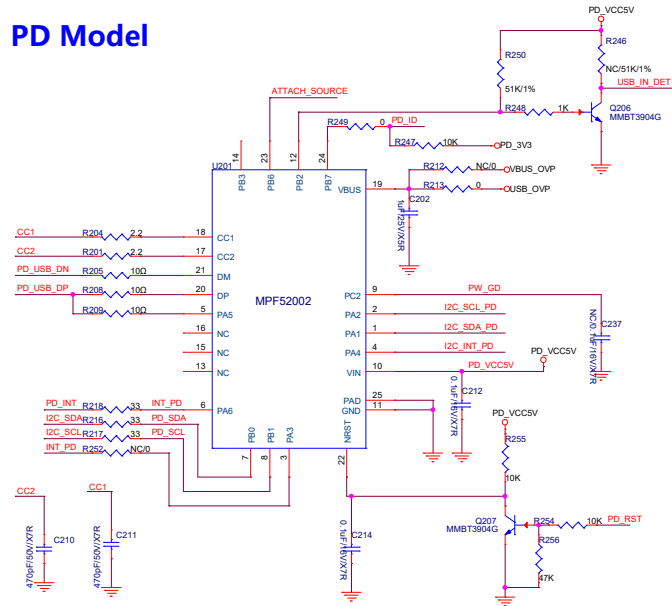


### FUNCTION TABLE

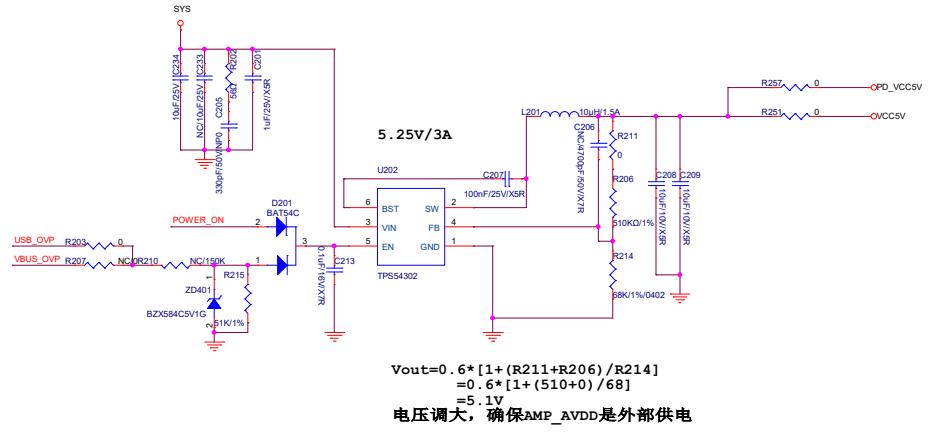
OE	S	HSD1+, HSD1-	HSD2+, HSD2-
0	0	ON	OFF
0	1	OFF	ON
1	x	OFF	OFF

Switches Shown For Logic "0" Input

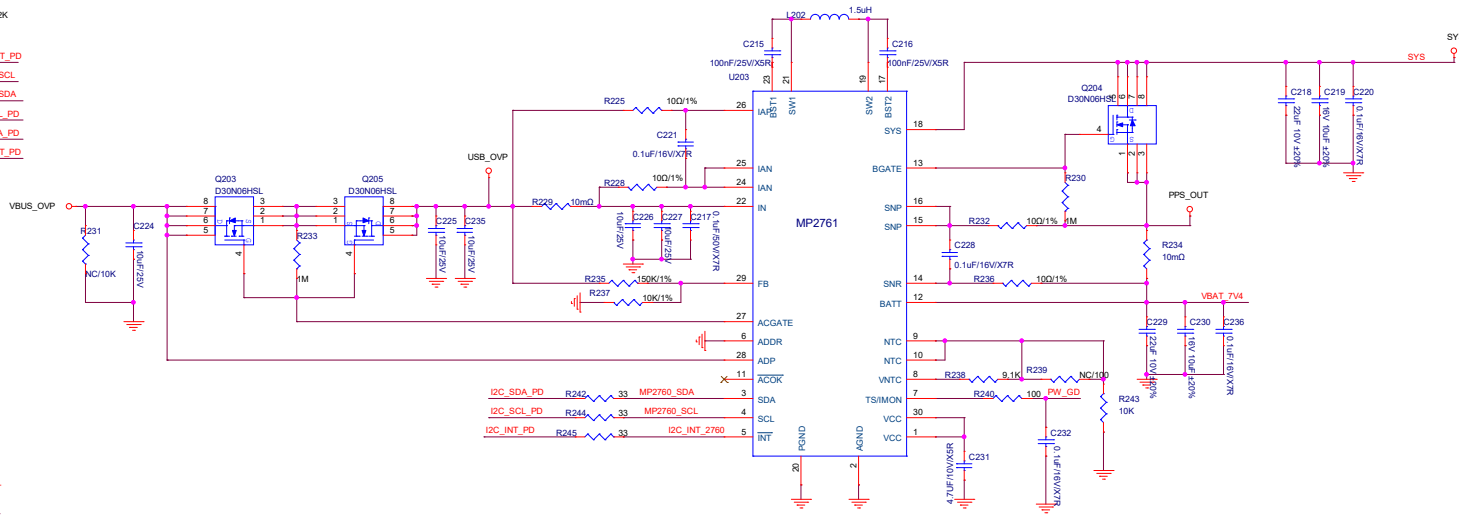
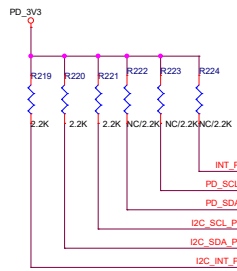
## PD Model



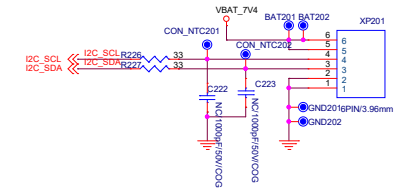
## POWER For PD Model



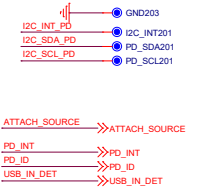
## Charge Model



## BATT CON



## IIC Interface



1. 满足SONY GP要求 (SONY机型适用)  
 禁止使用SS-00259中规定的1级环境管理物质;  
 所有材料、部件、材料必须从索尼的绿色伙伴认定供应商处采购  
 2. 符合通力《公司环境管理标准》的要求, 但不限于:  
 满足RoHS2.0  
 满足REACH要求  
 满足CP65要求  
 满足无卤要求  
 不含有害第三甲酸盐



AV R&D

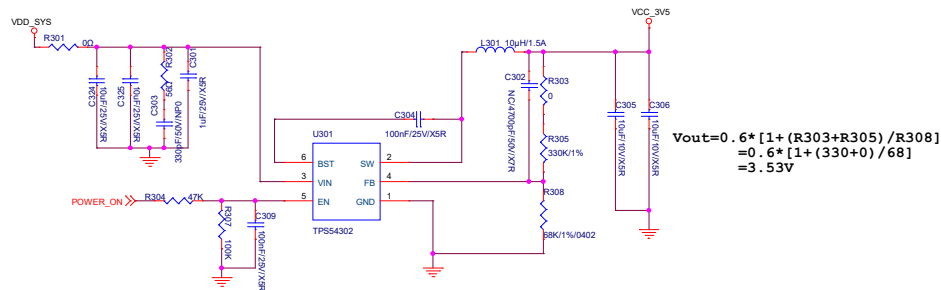
Model No: <Model No>

Title: 04 PD Charge

Design: Zhang Pan	Date: Wednesday, May 22, 2024
Check: <Approve_Name>	Date: 2023-07-16
Approve: <Approve_Name>	Date: 2023-07-17
Sch Ver: 01-HARGE6-MAA00	Size: A2
PCB Ver: <40-XXXXXX-XXXXXX>	Sheet: 5 of 13

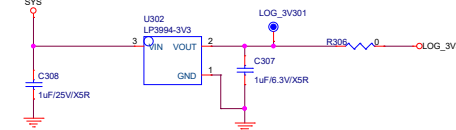
## SYS POWER VCC\_3V5

VDD\_SYS 输入电压范围: 6.6V~20V

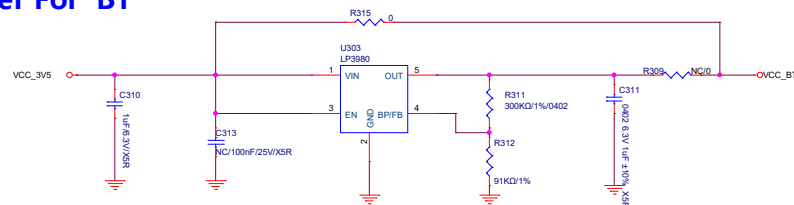


## Power For Logic IC 3.3V

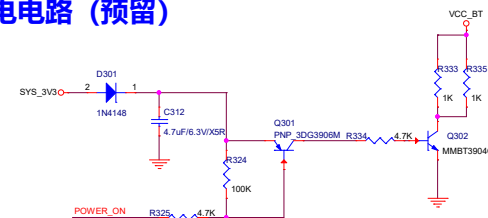
静态电流3uA



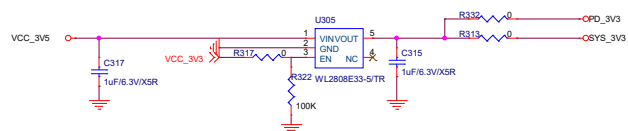
## Power For BT



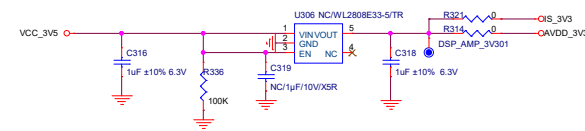
## VCC\_BT 泄电路 (预留)



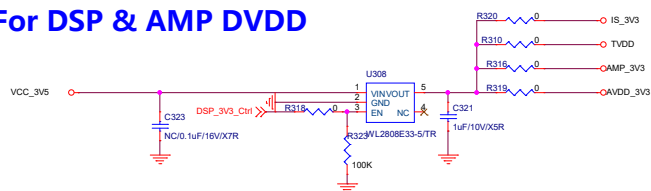
## Power For SYS & I/O Expander 3.3V



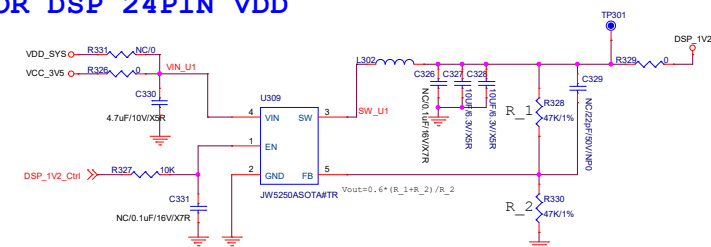
## Power For IS 3V3 & DSP AVCC(预留)



## Power For DSP & AMP DVDD



## POWER FOR DSP 24PIN VDD



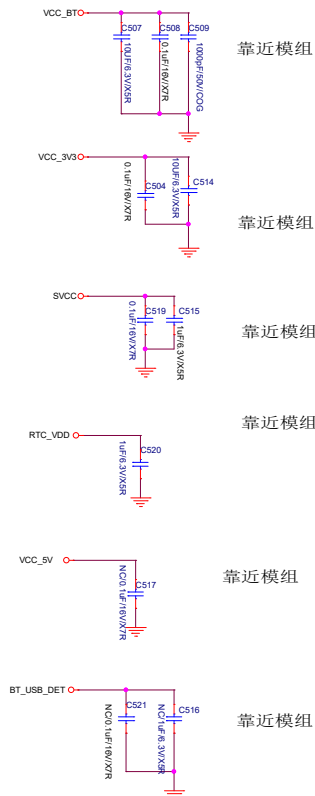
1. 满足SONY GP要求(SONY机型适用)  
 2. 禁止使用SS-00259中规定的1级环境管理物质;  
 3. 所有焊盘-被覆材料必须从索尼的绿色伙伴认定供应商处采购  
 2. 符合通力《公司环境管理物质标准》的要求, 但不限于:  
 4. 满足RoHS2.0  
 5. 满足REACH要求  
 6. 满足CP65要求  
 7. 满足无卤要求  
 8. 不含有多氯二苯醚类

AV R&D  
 Model No: <Model No>  
 Title: 05 SYS Power

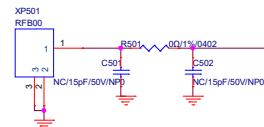
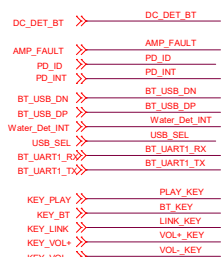
Design: Zheng Pan	Date: Wednesday, May 22, 2024
Check: <Approve_Name>	Date: 2023-07-16
Approve: <Approve_Name>	Date: 2023-07-17
Sch Ver: 01-HARGES-MA400	Size: A2
PCB Ver: <40-XXXXXX-XXXXXX>	Sheet: 6 of 13



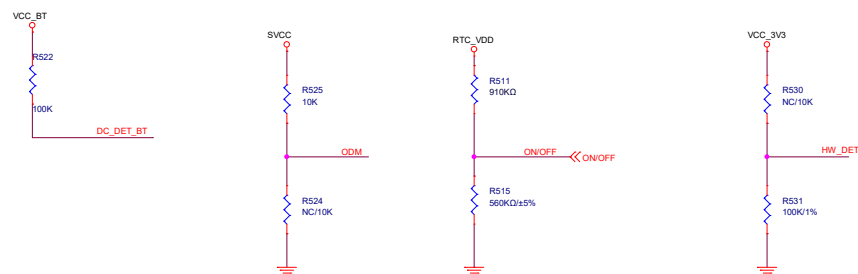
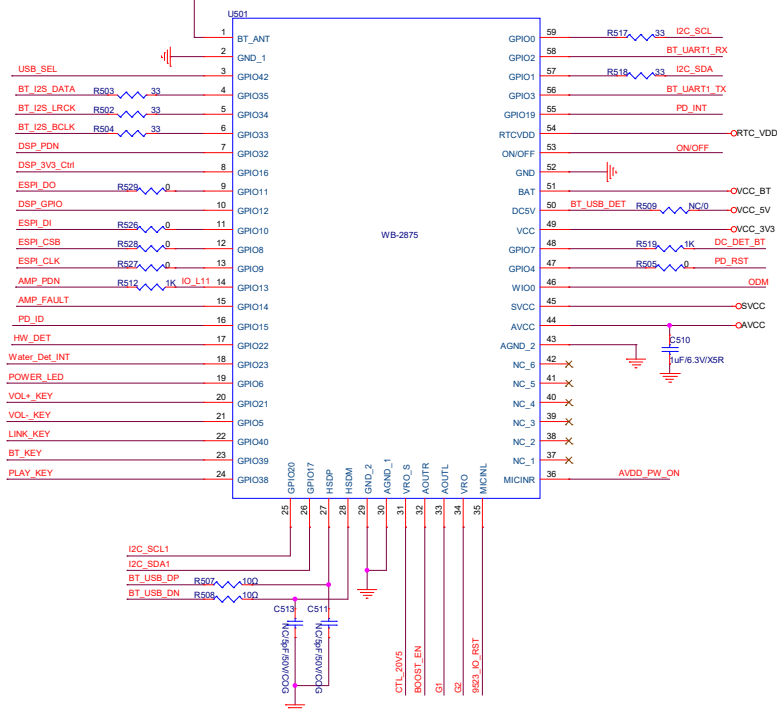
## BT POWER



## Input network



## BT MOUDLE

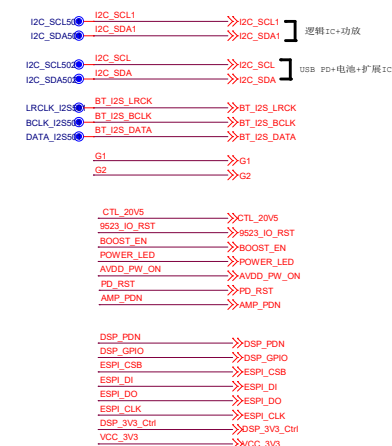


## I2C ADDRESS

充电IC	DAC	扩展IC
0X6B	0X4C	0X5B
默认	10011 ADR2 ADR1	10110 AD1 AD0

PIN46  
[1]:TCL

## Output network




**1. 满足SONY GP要求:(SONY机型适用)**

- ❑ 禁止使用SON-00259中规定的1级环境管理物质;
- ❑ 再生树脂:被覆线材必须从索尼的绿色伙伴认定供应商处采购

**2. 符合通力《公司环境管理物质标准》的要求,但不限于:**

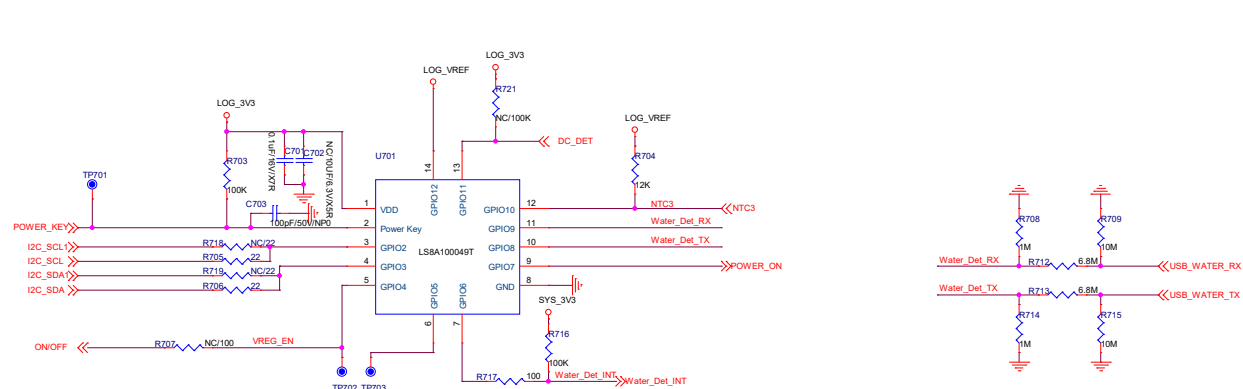
- 满足RoHS2.0
- 满足REACH要求
- 满足CP65要求
- 满足无卤要求
- 不含邻苯二甲酸盐

 <b>AV R&amp;D</b>	<b>Designs:</b> Zhang Pan	<b>Dates:</b> Thursday, May 16, 2024
	<b>Check:</b>	<b>Dates:</b> 2023-07-16
	<b>Approves:</b> <Approve_Name>	<b>Dates:</b> 2023-07-17
	<b>Model No:</b> <Model No>	
<b>Title:</b> 07 BT	<b>PCB Ver:</b> <40-XXXXXXXX-XXXX>	<b>Sheet:</b> 6 of 13





## Logic Control



1. 满足SONY GPR要求 (SONY机型适用)

2. 禁止使用SS-029中规定的第一级环境管理物质;

3. 禁止使用含重铬酸根类物质从混入的绿色染料及还原染料类物质

2. 符合通力《公司环境管理物质标准》的要求, 但不限于:

■ 满足RoHS2.0

■ 满足REACH要求

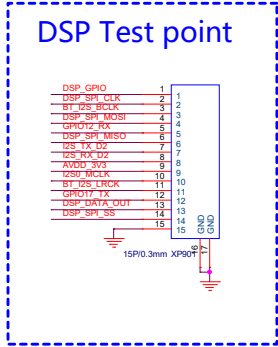
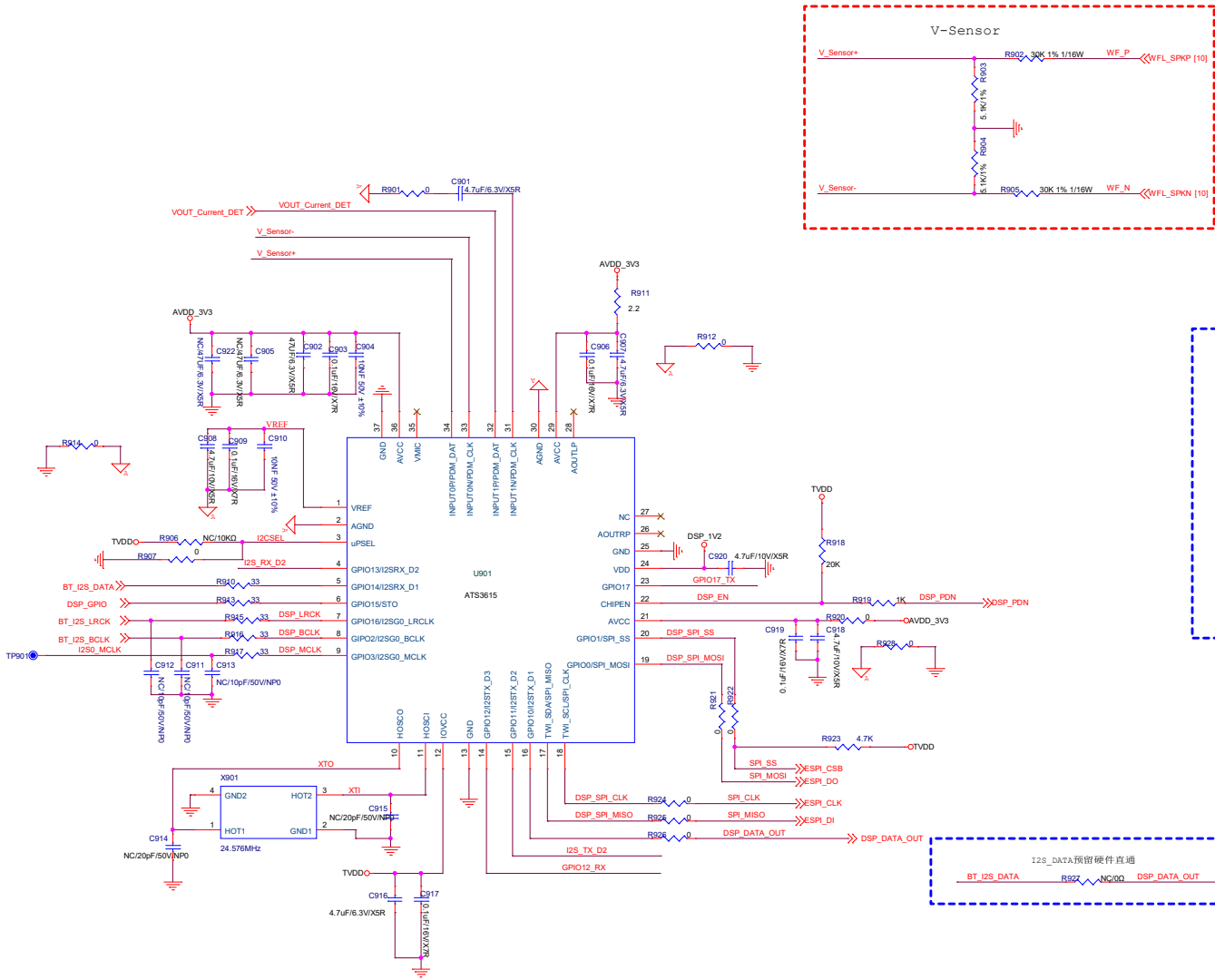
■ 满足CPSG要求

■ 满足无汞要求

■ 不含有害第三磷酸盐

AV R&D

Designs:	Zhang Pan	Date:	Thursday, May 16, 2024
Check:		Date:	2023-07-16
Approve:	<Approve_Name>	Date:	2023-07-17
Model No:	<Model No>	Sch Ver:	01-WARGE-M4M0
Sheet:	A2	PCB Ver:	<40-000000-0-00000>
Title:	00 Logic	Sheet:	10 of 13



1. 满足SONY GP要求 (SONY机型适用)  
禁止使用SS-00259中规定的1根环境  
管理物资;  
\* 所有材料、元器件必须从索尼的绿色  
伙伴认定供应商处采购  
2. 符合通为《公司环境管理物质标准》的  
要求, 但不限于:  
满足RoHS2.0  
满足REACH要求  
满足CP65要求  
满足无卤要求  
不含有害第三类物质



Model No:  
<Model No>

Title:  
11 DSP

Design: Zhang Pan

Check:

Approve: <Approve\_Name>

Sch Ver: 01-HARGE6-MAA00

PCB Ver: <40-XXXXXX-XXXXXX>

Date: Thursday, May 16, 2024

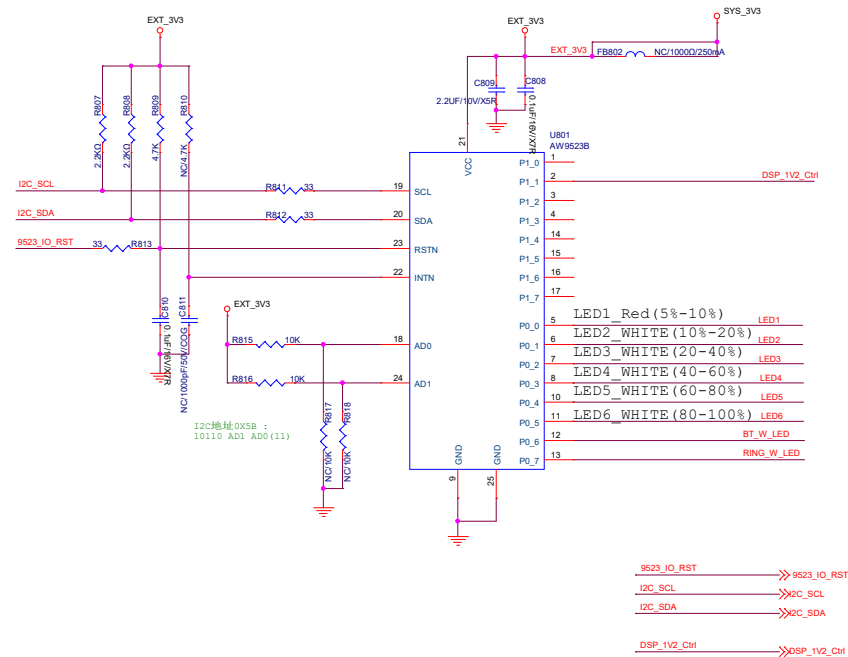
Date: 2023-07-16

Date: 2023-07-17

Size: A2

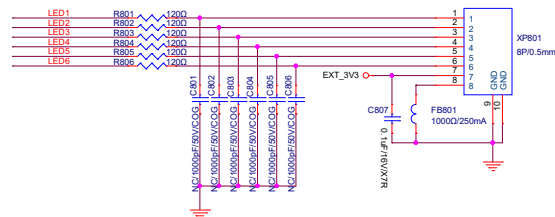
Sheet: 12 of 13

## I/O Expander

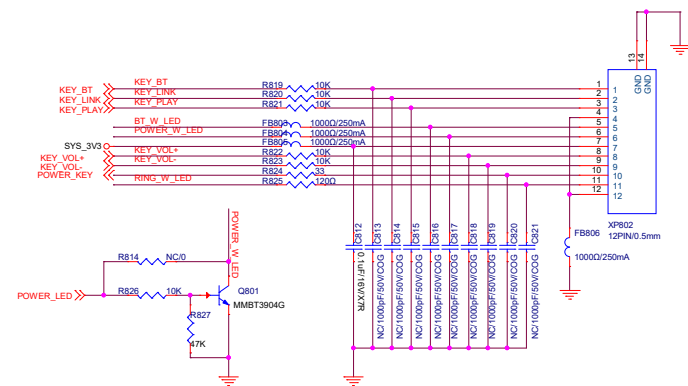


AD1	AD0	P1_7	P1_6	P1_5	P1_4	P1_3	P1_2	P1_1	P1_0	P0_7	P0_6	P0_5	P0_4	P0_3	P0_2	P0_1	P0_0
GND	GND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GND	VBAT	0	0	0	0	1	1	1	1	0	0	0	0	Hi-Z	Hi-Z	Hi-Z	Hi-Z
VBAT	GND	1	1	1	1	0	0	0	0	Hi-Z	Hi-Z	Hi-Z	Hi-Z	0	0	0	0
VBAT	VBAT	1	1	1	1	1	1	1	1	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z	Hi-Z

## connect to LED board



## connect to KEY board



1. 满足SONY GP要求 (SONY机型适用)  
禁止使用SS-00259中规定的1级环境  
管理物质;  
所有材料、制程材料必须从索尼的绿色  
伙伴认定供应商处采购  
2. 符合通力《公司环境管理标准》的  
要求, 但不限于:  
满足RoHS2.0  
满足REACH要求  
满足CEP65要求  
满足无卤要求  
不含有害第三类物质

Model No:  
<Model No>  
Title:  
10 I/O Expander

Designs	Zhang Pan	Dates	Wednesday, May 15, 2024
Check:		Dates	2023-07-16
Approve:	<Approve_Name>	Dates	2023-07-17
Sch Ver	01-HARGE6-MAA00	Size	A2
PCB Ver	<40-XXXXXX-XXXXXX>	Sheet	11 of 13