
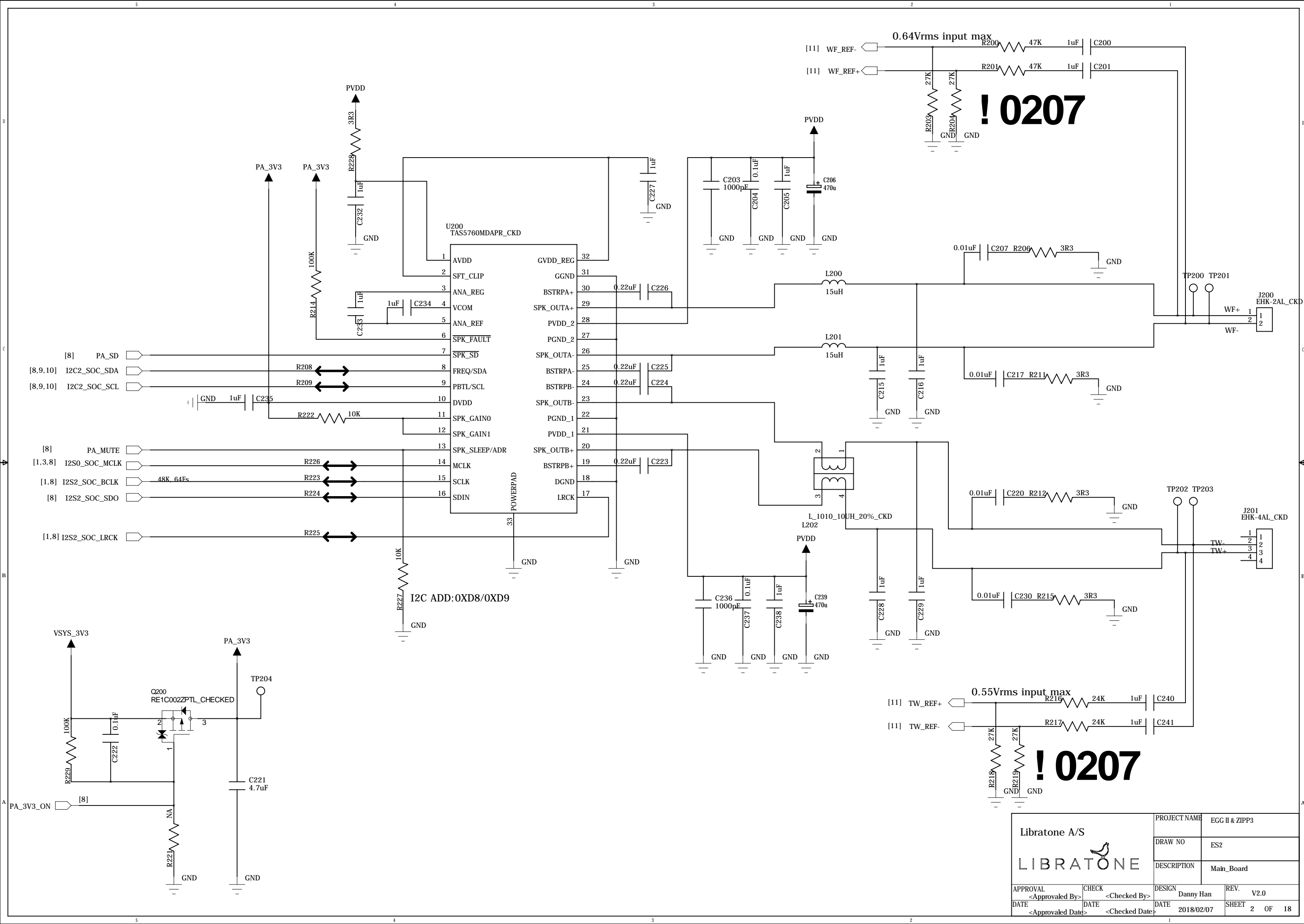


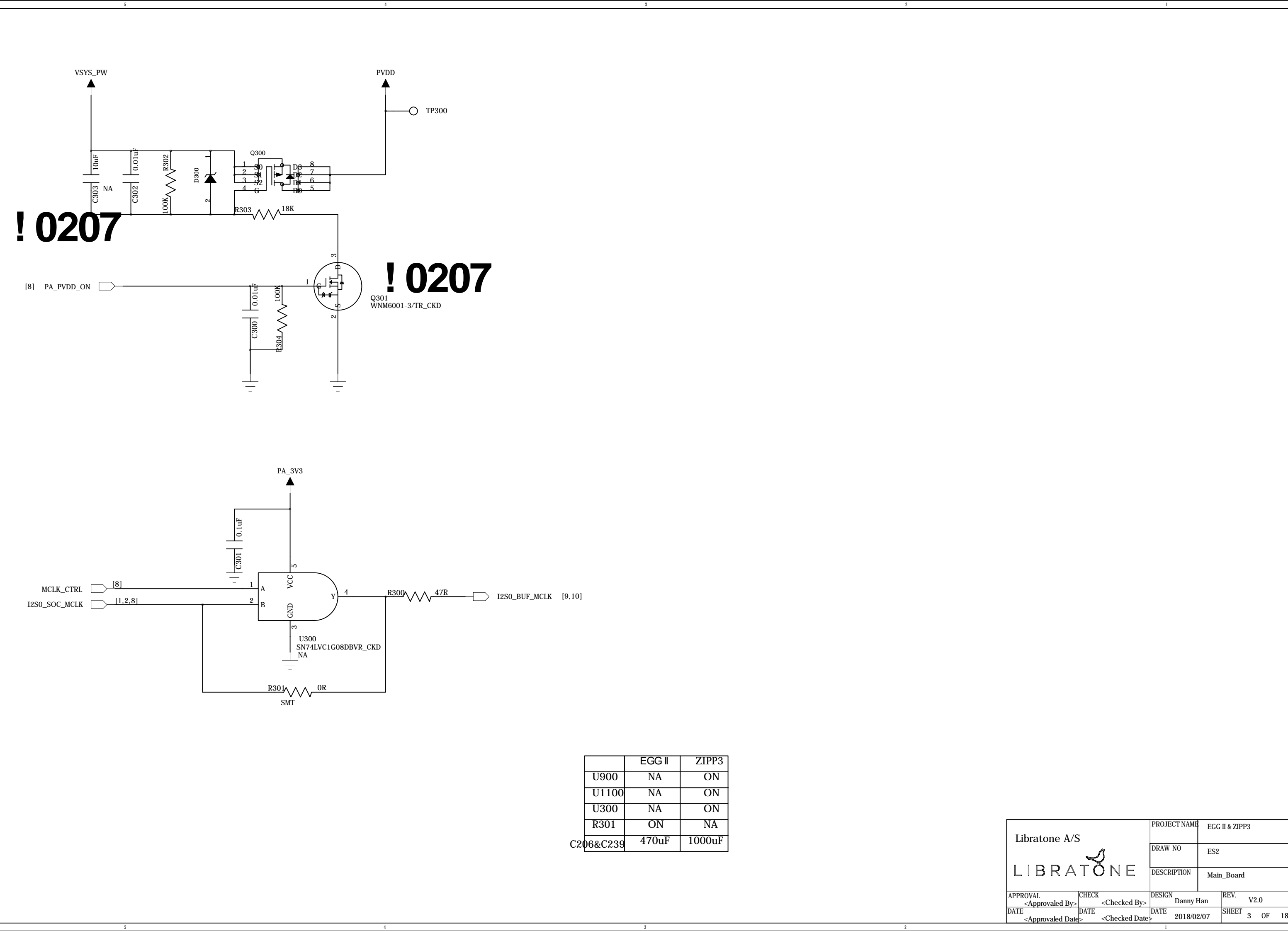
<div>Libratone A/S</div> <div></div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3	
		DRAW NO	ES2	
		DESCRIPTION	Main_Board	
APPROVAL	CHECK	DESIGN	REV.	
<Approved By>	<Checked By>	Danny Han	V2.0	
DATE	DATE	DATE	SHEET	
<Approved Date>	<Checked Date>	2018/02/07	1 OF 18	

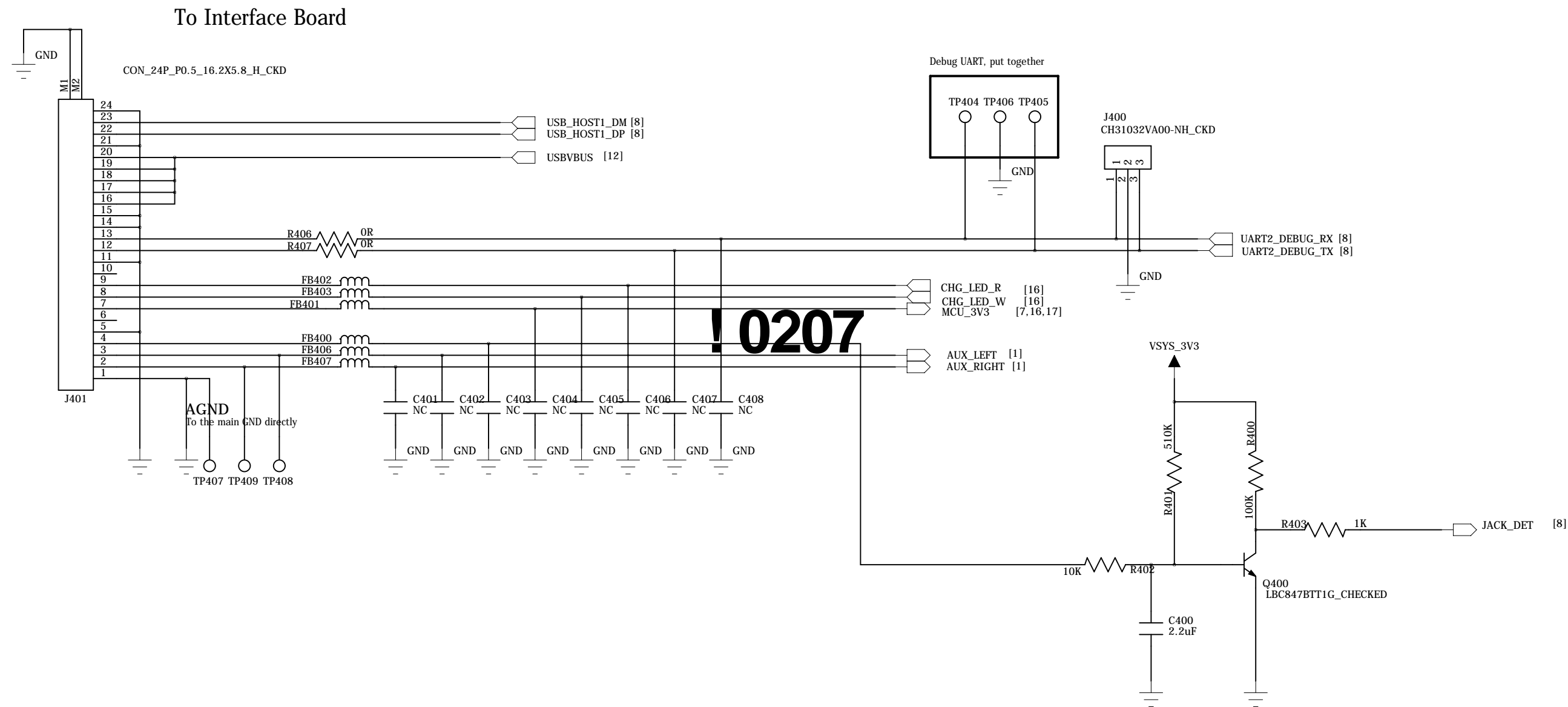



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<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME		EGG II & ZIPP3	
		DRAW NO		ES2	
		DESCRIPTION		Main Board	
APPROVAL		CHECK		DESIGN	
<Approved By>		<Checked By>		Danny Han	
DATE		DATE		2018/02/07	
<Approved Date>		<Checked Date>		SHEET 2 OF 18	

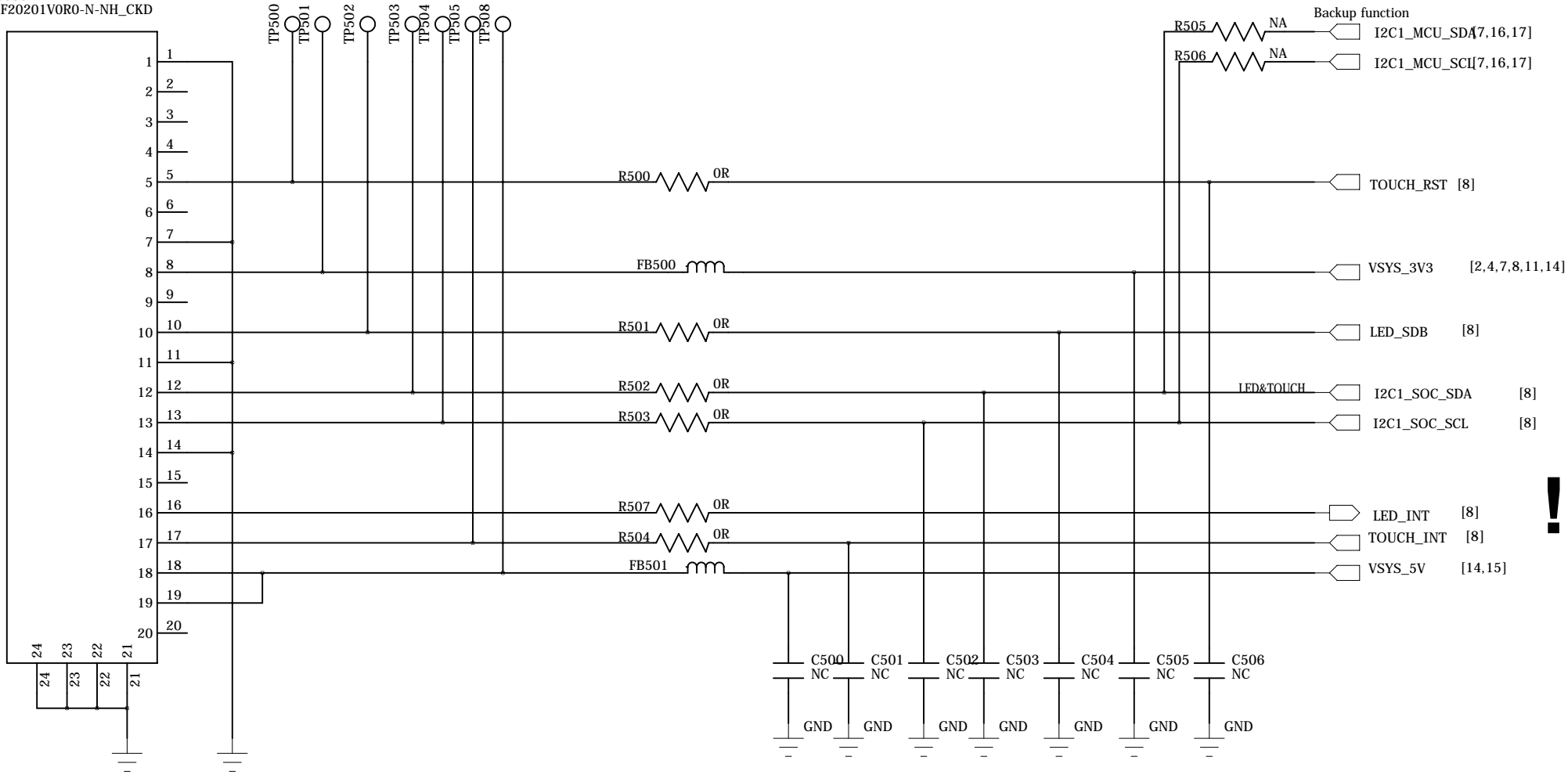




Libratone A/S  LIBRATONE		PROJECT NAME	EGG II & ZIPP3		
		DRAW NO	ES2		
		DESCRIPTION	Main_Board		
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN Danny Han		REV. V2.0	
DATE <Approved Date>	DATE <Checked Date>	DATE 2018/02/07		SHEET 4 OF 18	

To LED Board

J500  
CF20201V0R0-N-NH\_CKD



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<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3
		DRAW NO	ES2
		DESCRIPTION	Main Board
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN Danny Han	REV. V2.0
DATE <Approved Date>	DATE <Checked Date>	DATE 2018/02/07	SHEET 5 OF 18

5

4

3

2

1

C

C

A

A

B

B

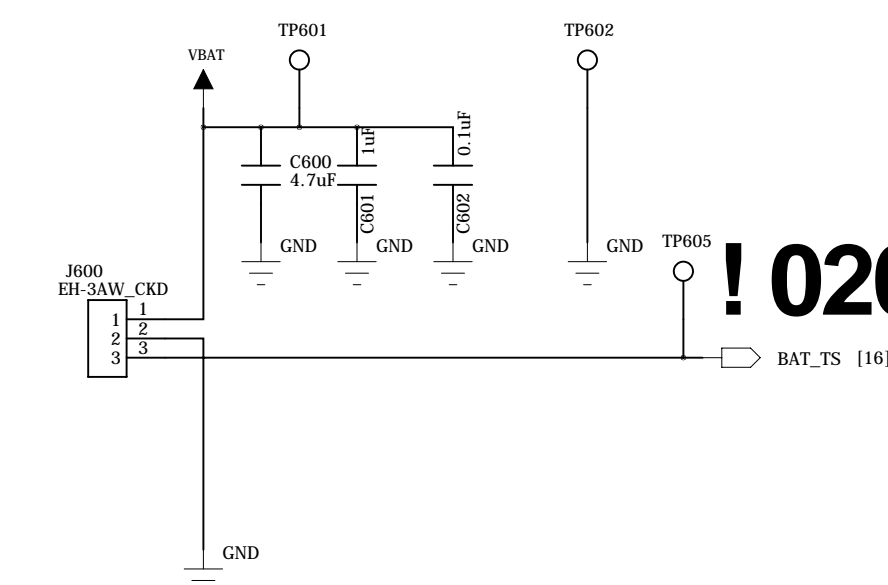
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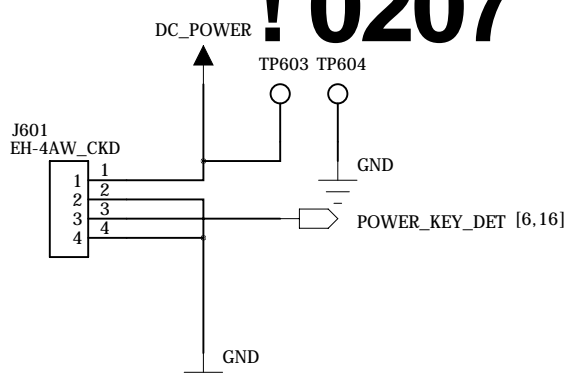
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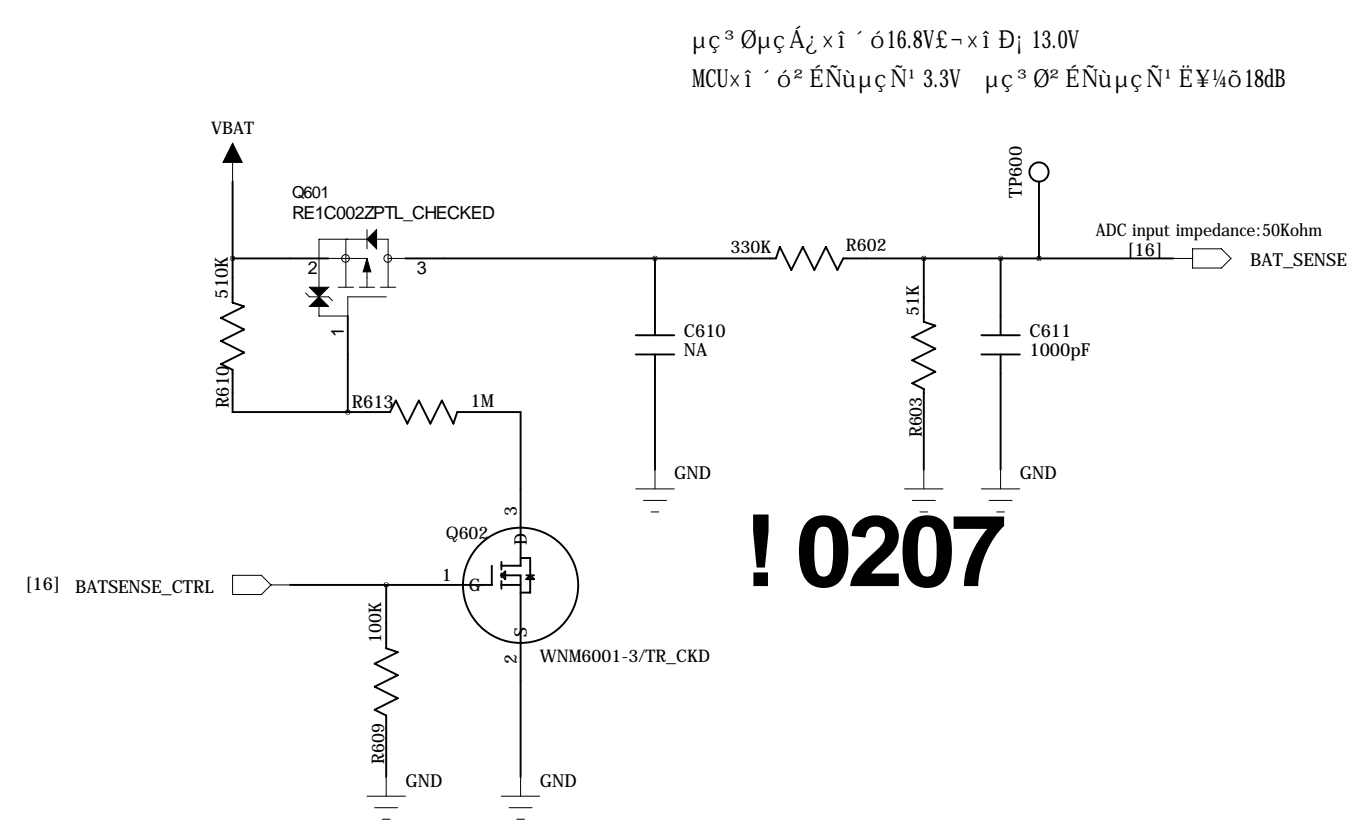
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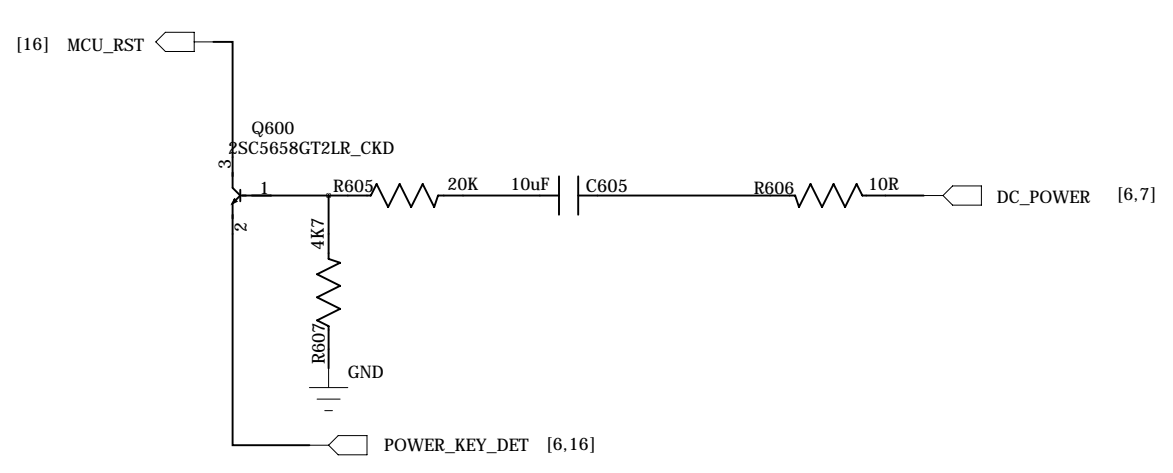
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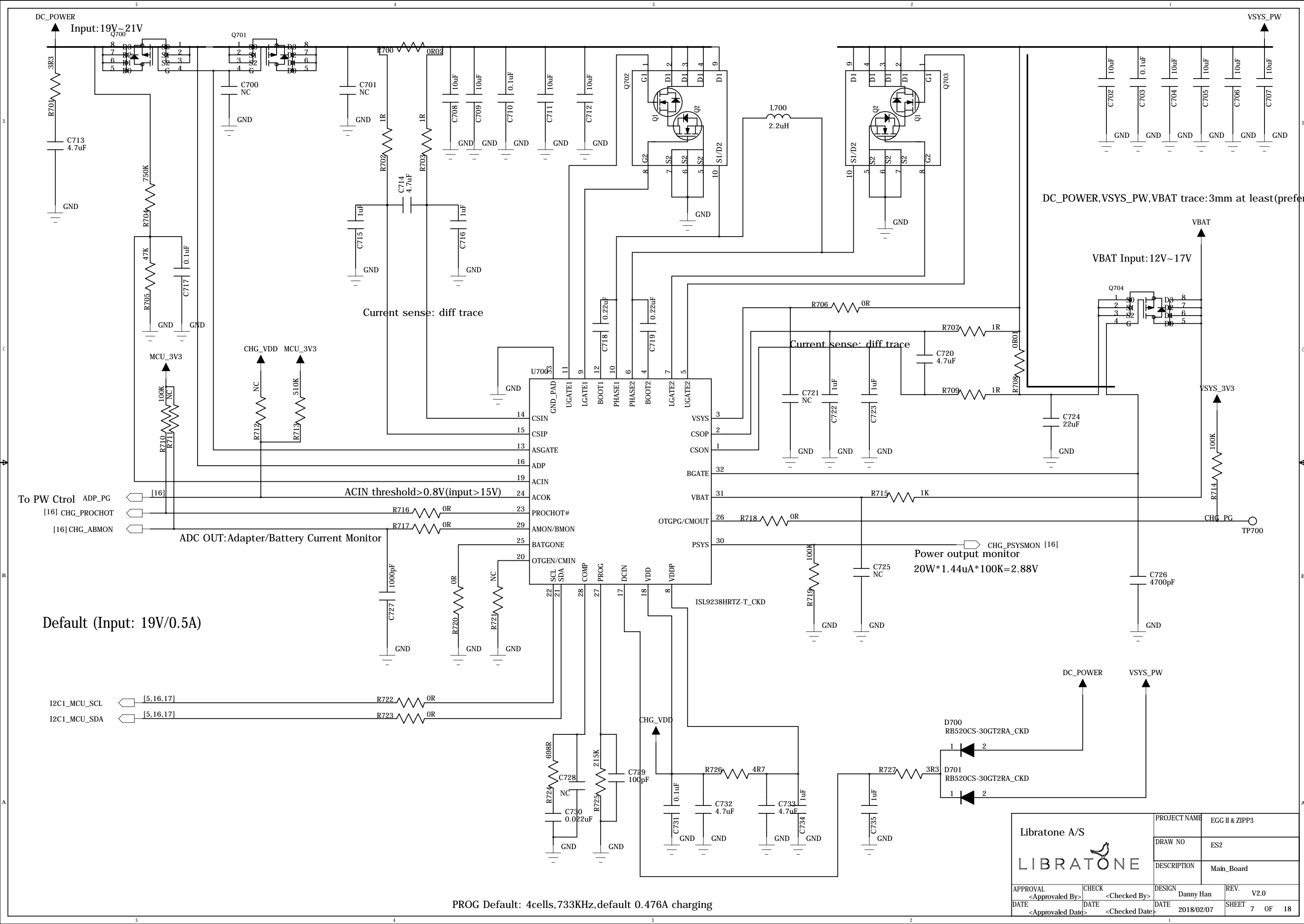
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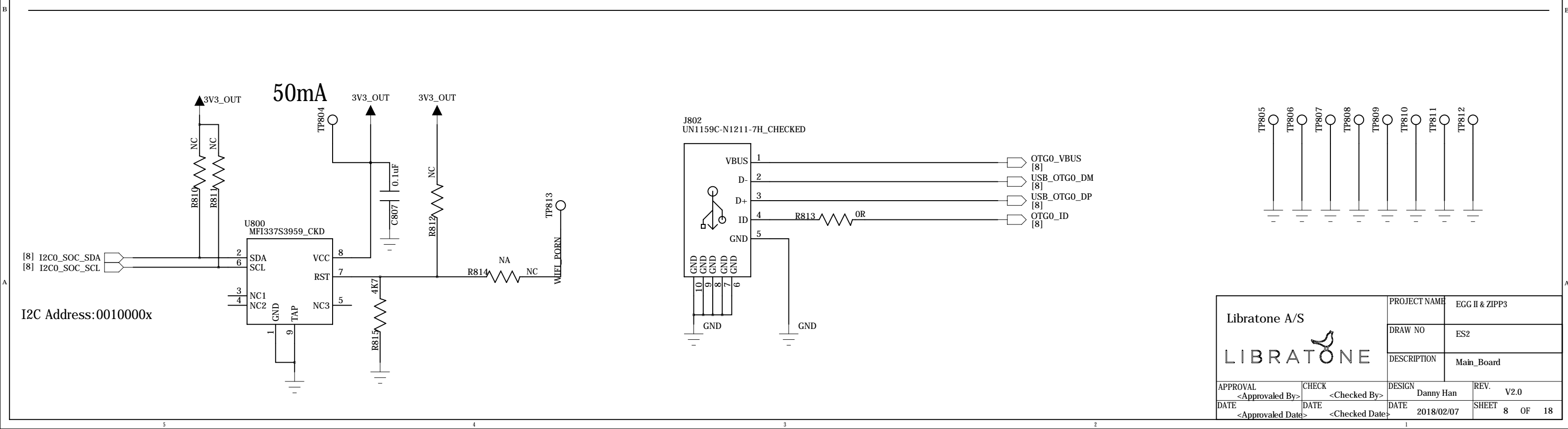
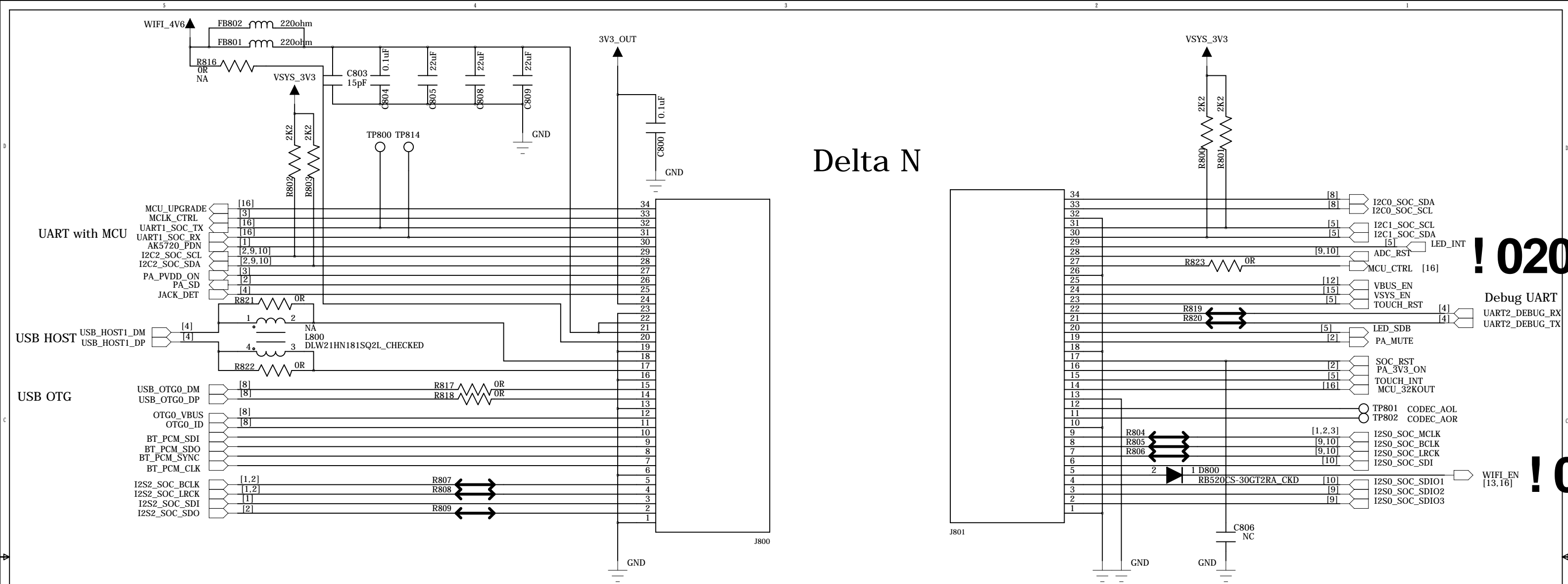
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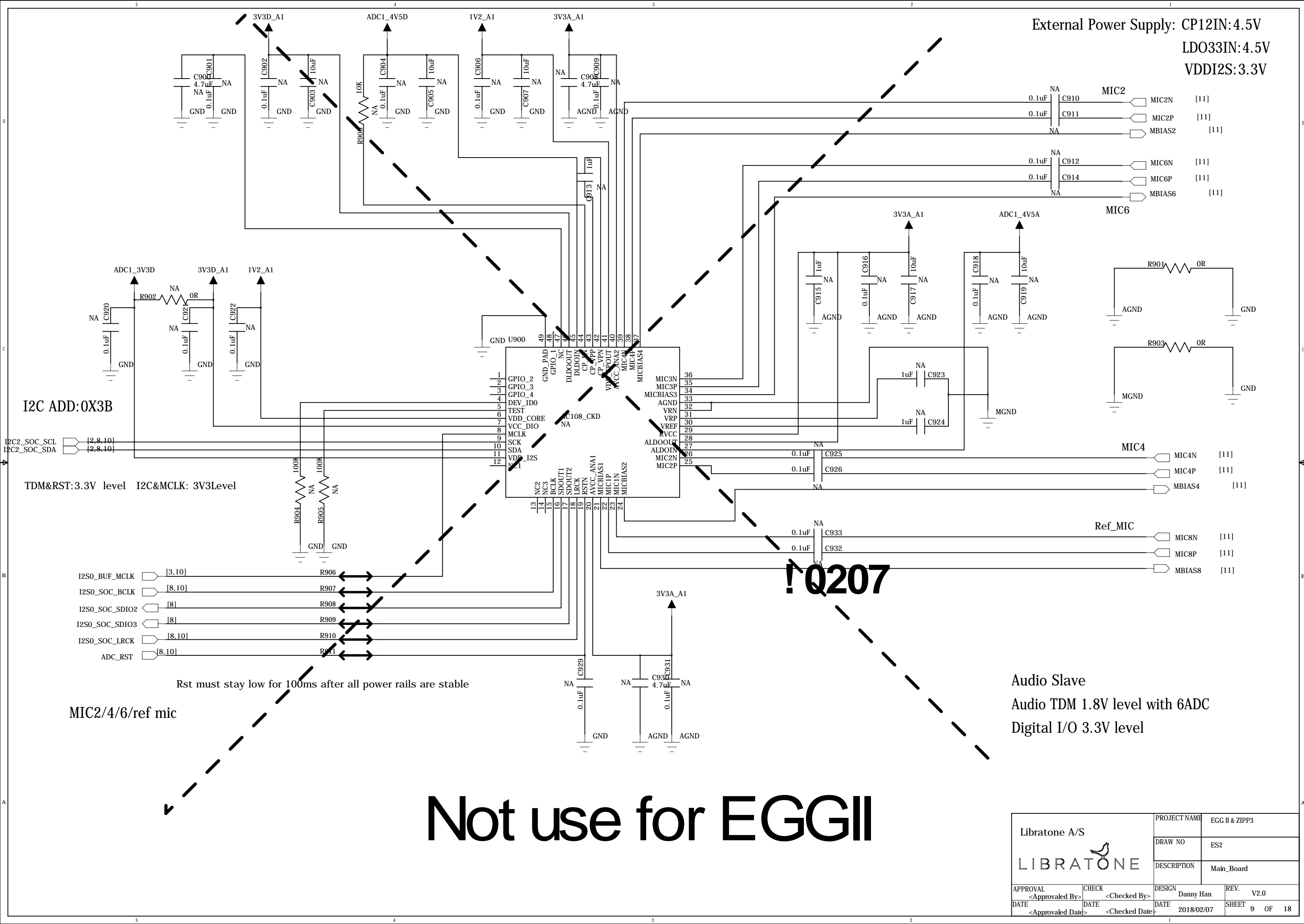
<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3
		DRAW NO	ES2
		DESCRIPTION	Main Board
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN Danny Han	REV. V2.0
DATE <Approved Date>	DATE <Checked Date>	DATE 2018/02/07	SHEET 6 OF 18




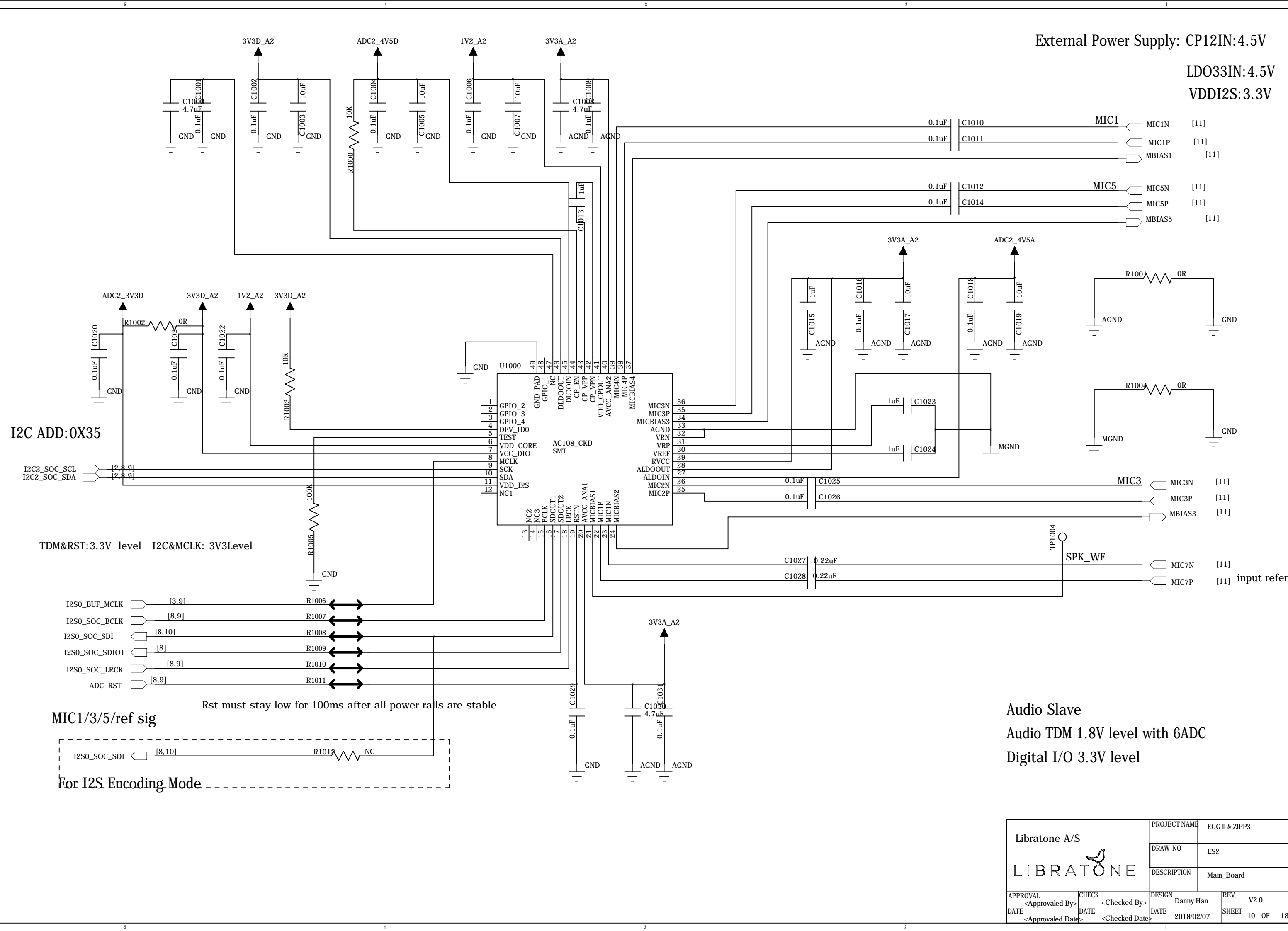
<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME		EGG II & ZIPP3	
		DRAW NO		ES2	
		DESCRIPTION		Main_Board	
APPROVAL		CHECK		DESIGN	
<Approved By>		<Checked By>		Danny Han	
DATE		DATE		2018/02/07	
<Approved Date>		<Checked Date>		SHEET 7 OF 18	







<div>Libratone A/S</div> <div></div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3	
		DRAW NO	ES2	
		DESCRIPTION	Main Board	
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN	Danny Han	REV. V2.0
DATE <Approved Date>	DATE <Checked Date>	DATE	2018/02/07	SHEET 9 OF 18



External Power Supply: CP12IN:4.5V

LDO33IN:4.5V

VDDI2S:3.3V

I2C ADD:0X35

TDM&RST:3.3V level I2C&MCLK: 3V3Level

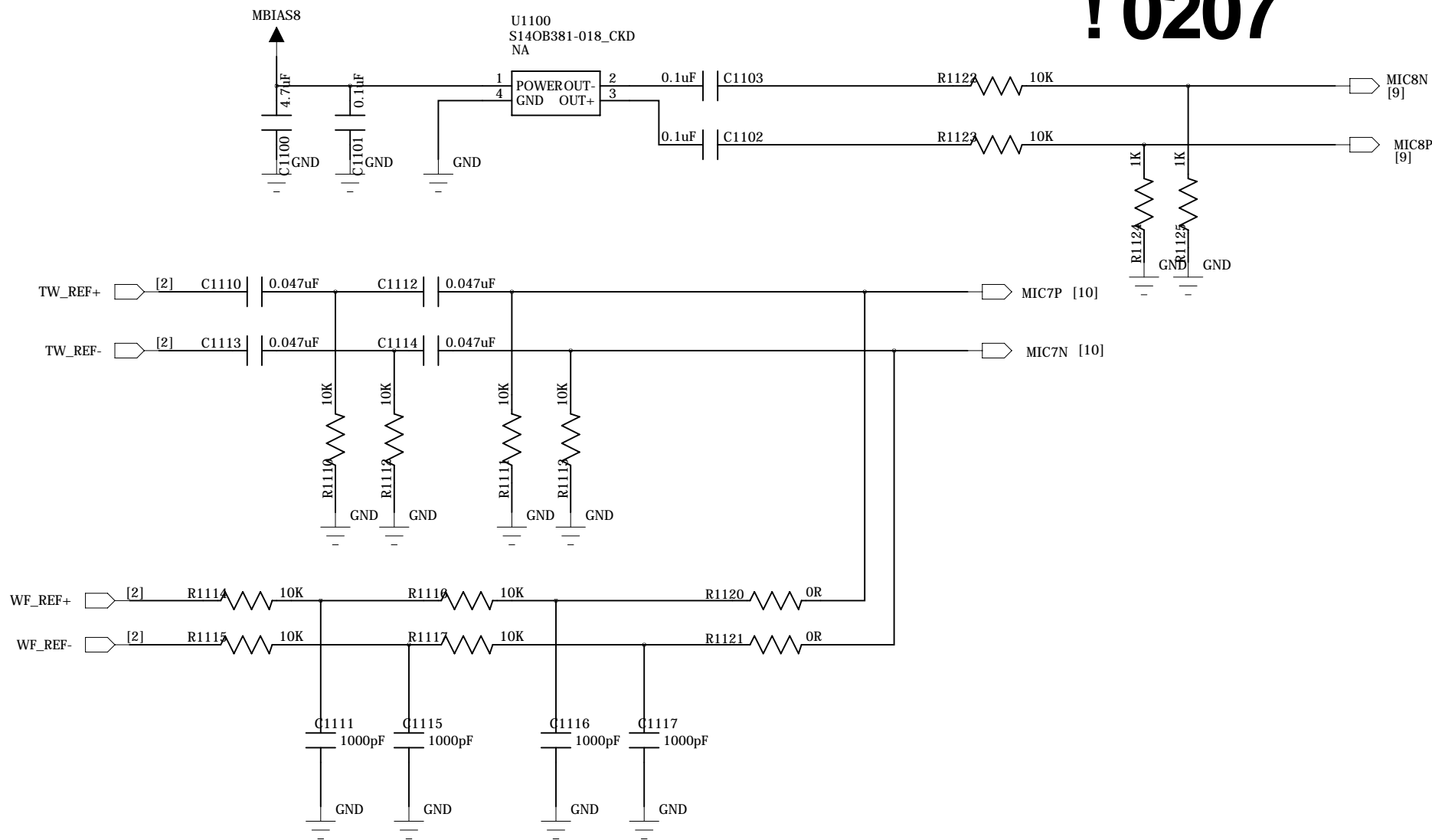
I2S0\_BUF\_MCLK [3,9]  
I2S0\_SOC\_BCLK [8,9]  
I2S0\_SOC\_SDI [8,10]  
I2S0\_SOC\_SDI01 [8]  
I2S0\_SOC\_LRCK [8,9]  
ADC\_RST [8,9]

MIC1/3/5/ref sig  
Rst must stay low for 100ms after all power rails are stable  
For I2S Encoding Mode

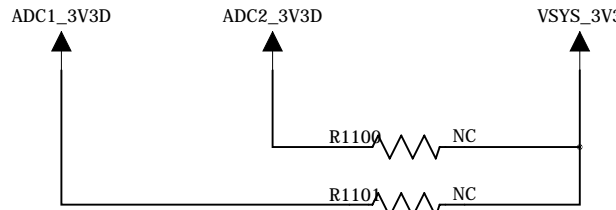
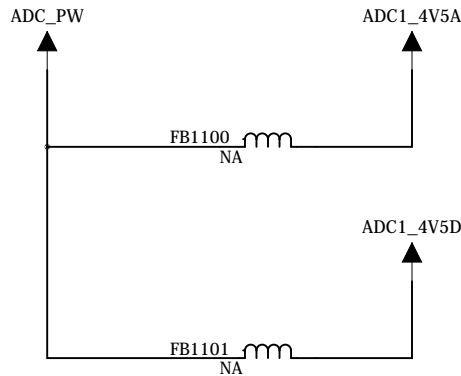
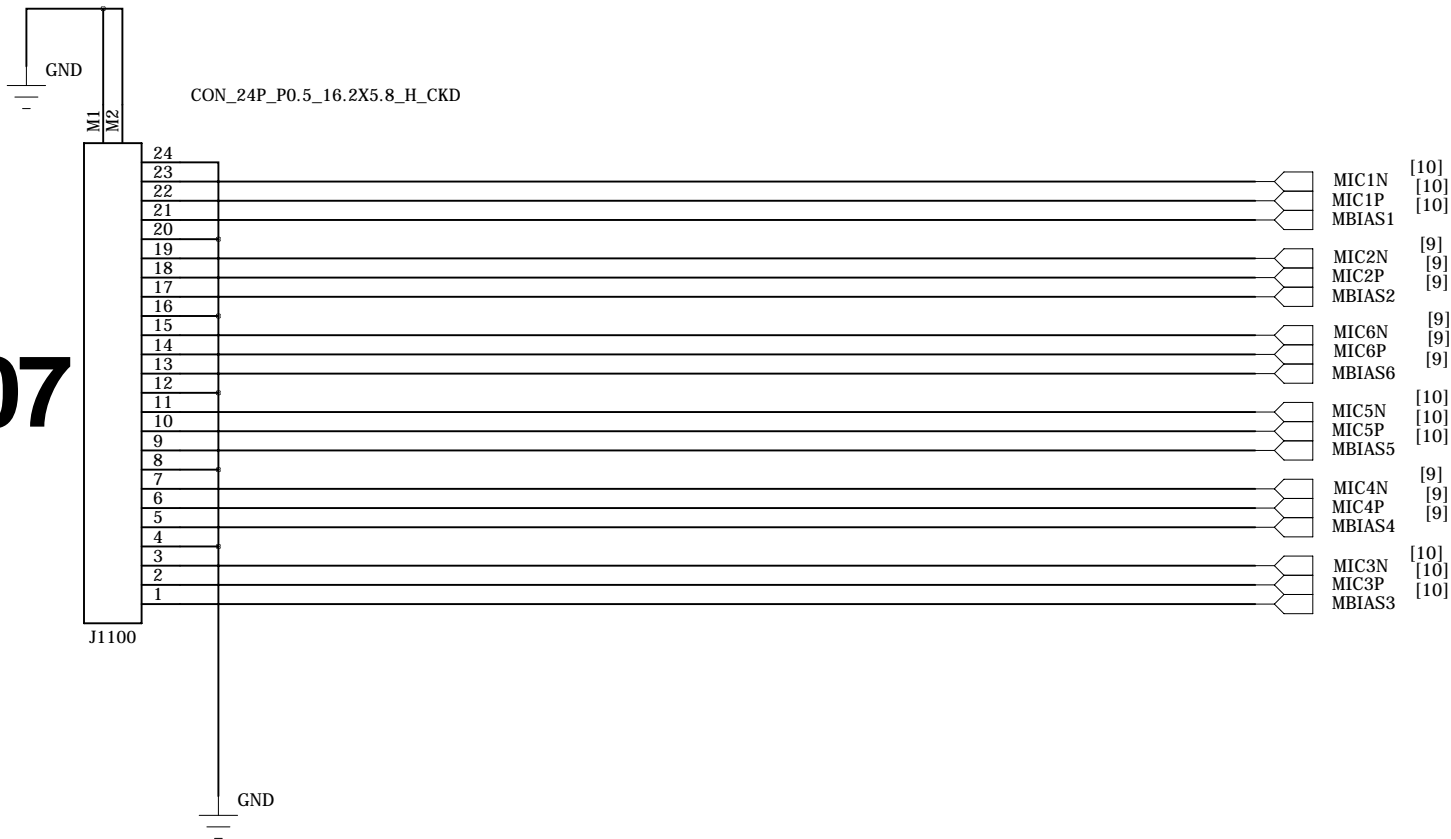
Audio Slave  
Audio TDM 1.8V level with 6ADC  
Digital I/O 3.3V level

<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3
		DRAW NO	ES2
		DESCRIPTION	Main Board
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN Danny Han	REV. V2.0
DATE <Approved Date>	DATE <Checked Date>	DATE 2018/02/07	SHEET 10 OF 18

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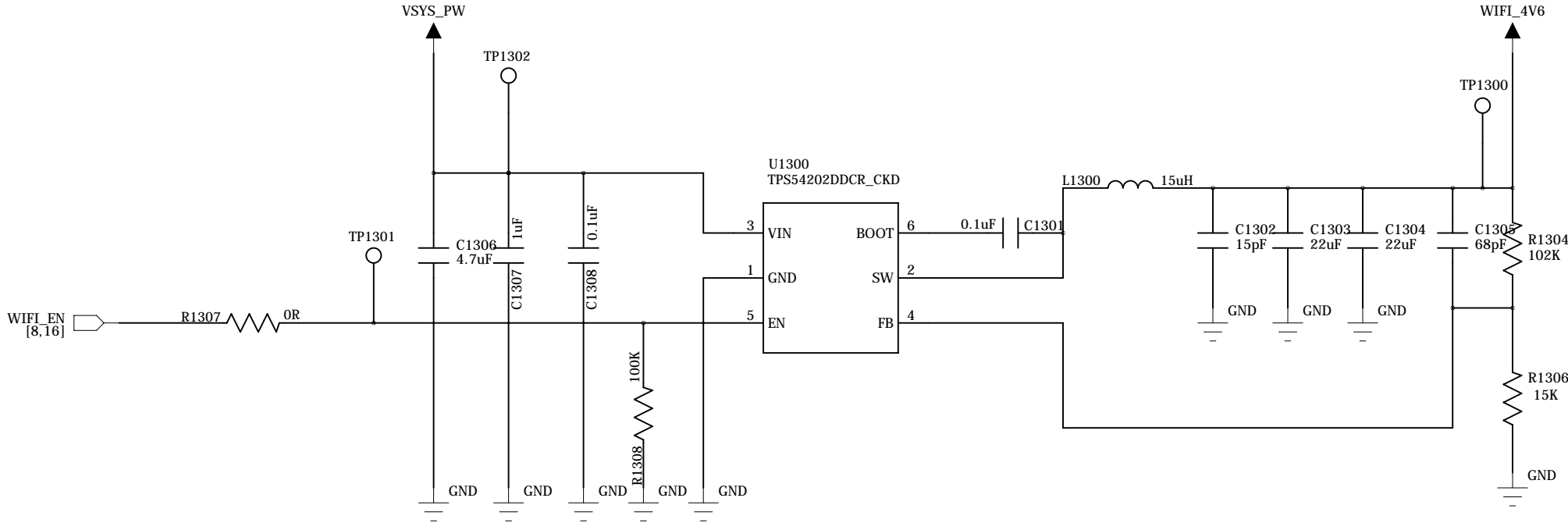
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U900-ADC1	Aux_Right/SPK_TW
ADC2	MIC4
ADC3	MIC6
ADC4	MIC2
U1000-ADC1	Aux_Left/SPK_WF
ADC2	MIC3
ADC3	MIC5
ADC4	MIC1

<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3
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		DESIGN	Danny Han
APPROVAL	CHECK	DATE	REV.
<Approved By>	<Checked By>	2018/02/07	V2.0
<Approved Date>	<Checked Date>	SHEET	11 OF 18

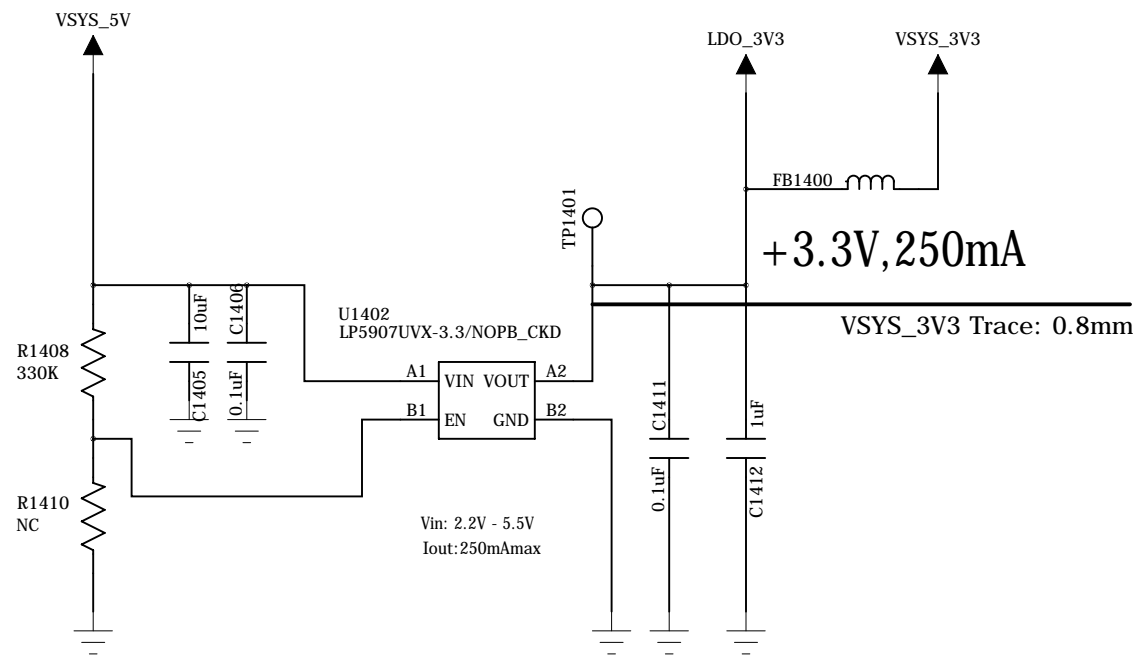
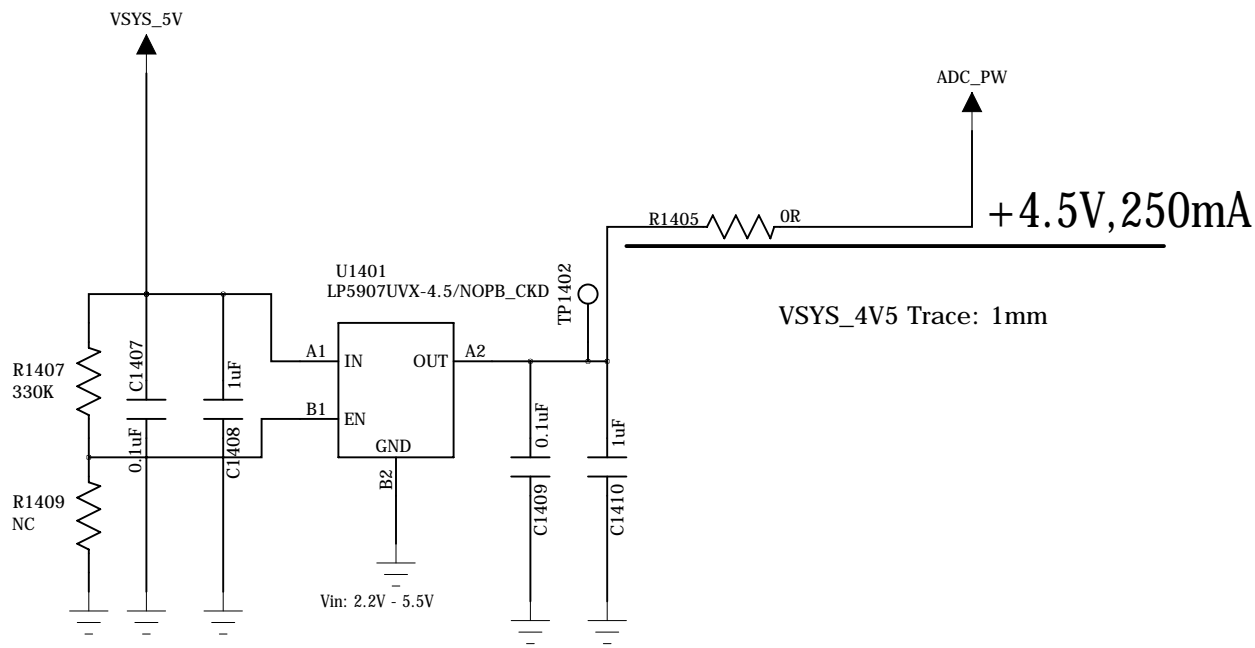





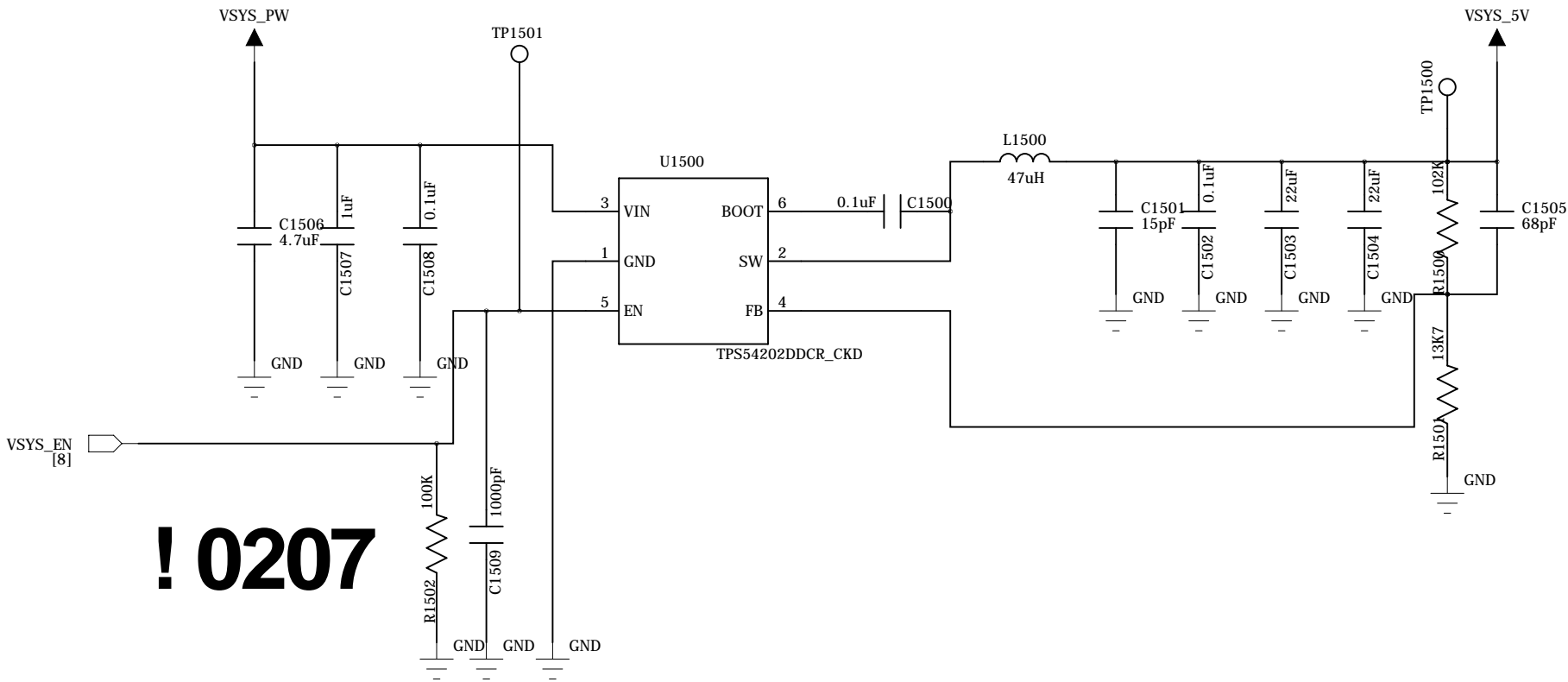
P1300  
FIDUCIAL\_BOTH\_CHECKED

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<div>Libratone A/S</div> <div>LIBRATONE</div>	PROJECT NAME	EGG II & ZIPP3	
	DRAW NO	ES2	
	DESCRIPTION	Main_Board	
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN Danny Han	REV. V2.0
DATE <Approved Date>	DATE <Checked Date>	DATE 2018/02/07	SHEET 13 OF 18



<div>Libratone A/S</div> <div></div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3		
		DRAW NO	ES2		
		DESCRIPTION	Main Board		
APPROVAL	CHECK	DESIGN		REV.	
<Approved By>	<Checked By>	Danny Han		V2.0	
DATE	DATE	DATE	SHEET		
<Approved Date>	<Checked Date>	2018/02/07	14 OF 18		



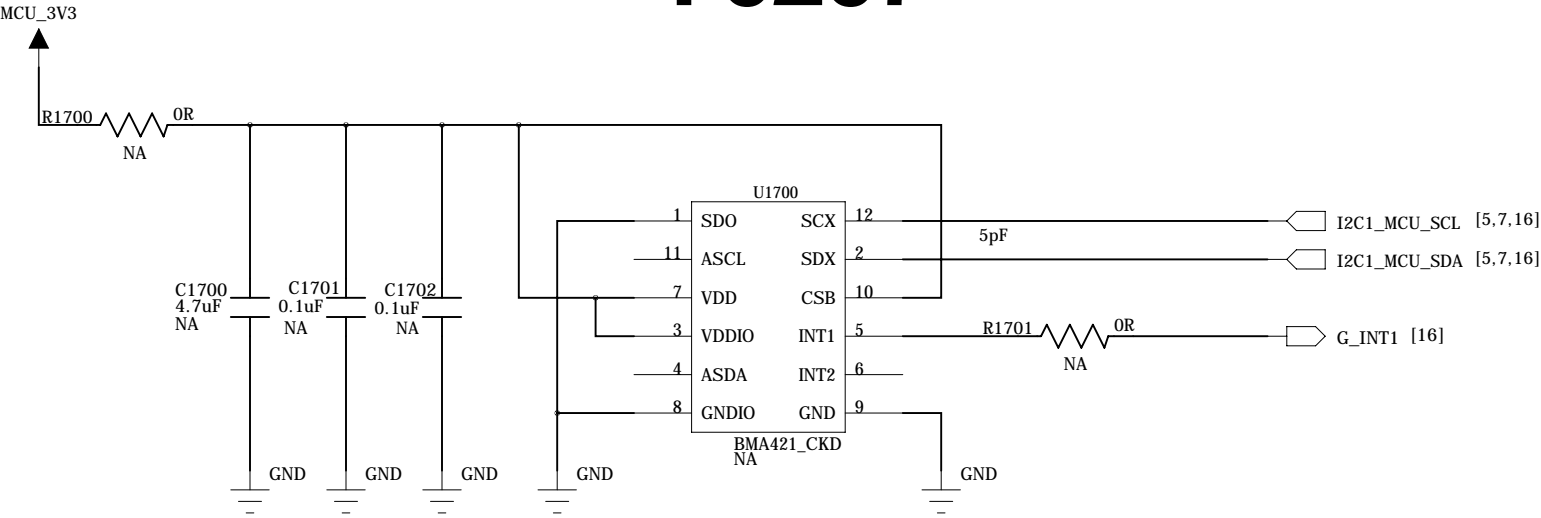
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<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3
		DRAW NO	ES2
		DESCRIPTION	Main Board
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN Danny Han	REV. V2.0
DATE <Approved Date>	DATE <Checked Date>	DATE 2018/02/07	SHEET 15 OF 18



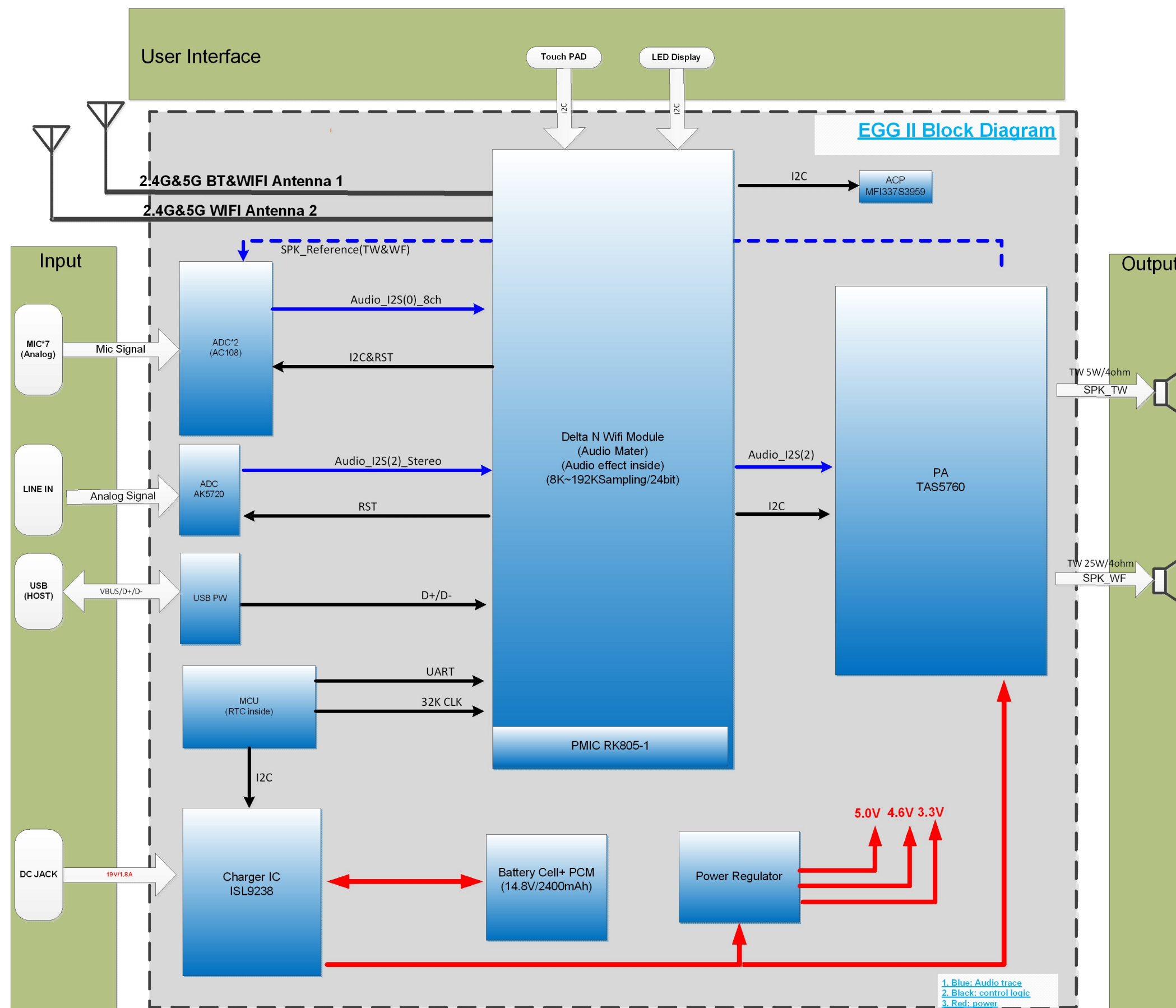


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Active current @ Performance mdoe : 160 uA  
Suspend mode ; 2.5uA  
Lower power mode : 14uA

<div>Libratone A/S</div> <div>LIBRATONE</div>		PROJECT NAME	EGG II & ZIPP3	
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		DESCRIPTION	Main_Board	
APPROVAL	CHECK	DESIGN	REV.	
<Approvaed By>	<Checked By>	Danny Han	V2.0	
DATE	DATE	DATE	SHEET	
<Approvaed Date>	<Checked Date>	2018/02/07	17 OF 18	



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Libratone A/S  LIBRATONE		PROJECT NAME	EGG II & ZIPP3	
		DRAW NO	ES2	
		DESCRIPTION	Main Board	
APPROVAL <Approved By>	CHECK <Checked By>	DESIGN	Danny Han	REV. V2.0
DATE <Approved Date>	DATE <Checked Date>	DATE	2018/02/07	SHEET 18 OF 18