

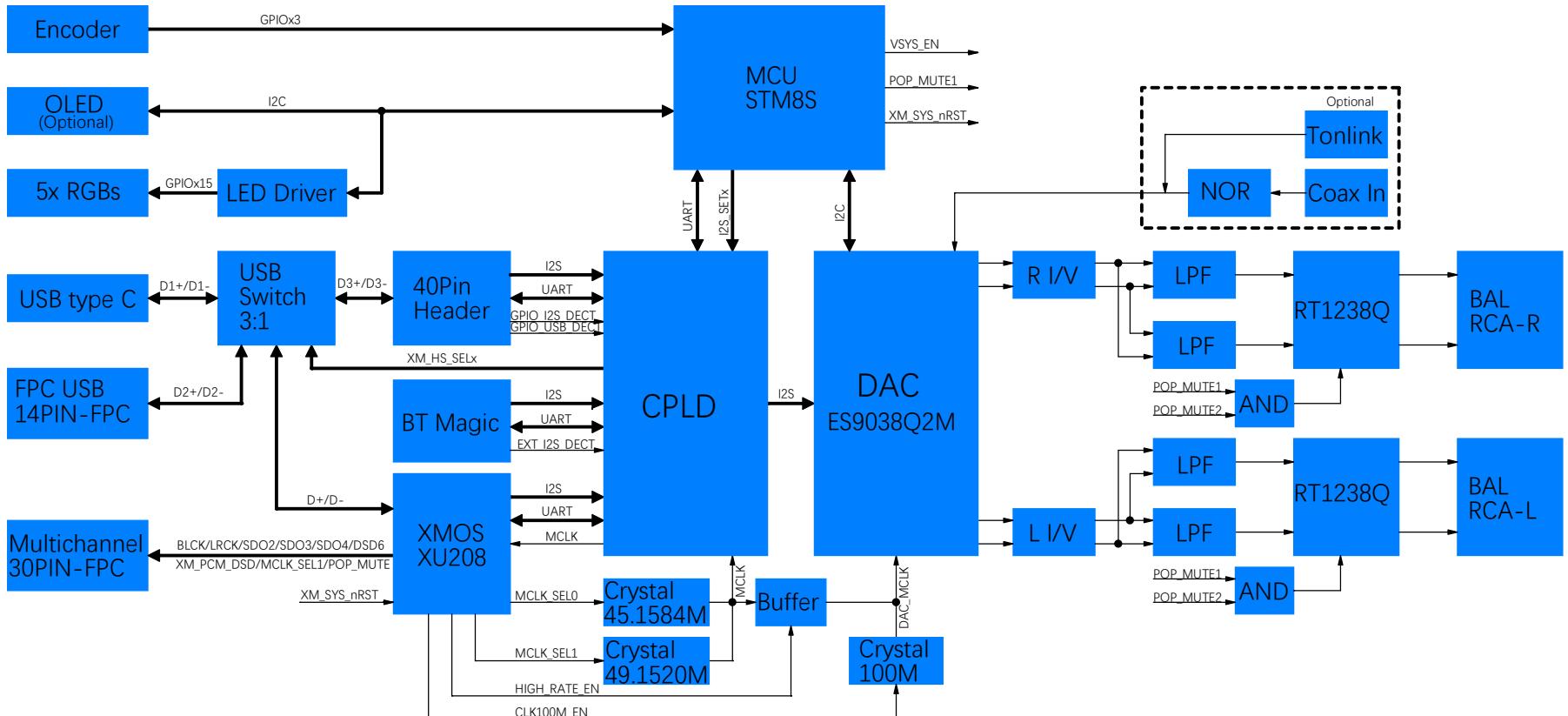


KHADAS

Something a little different.

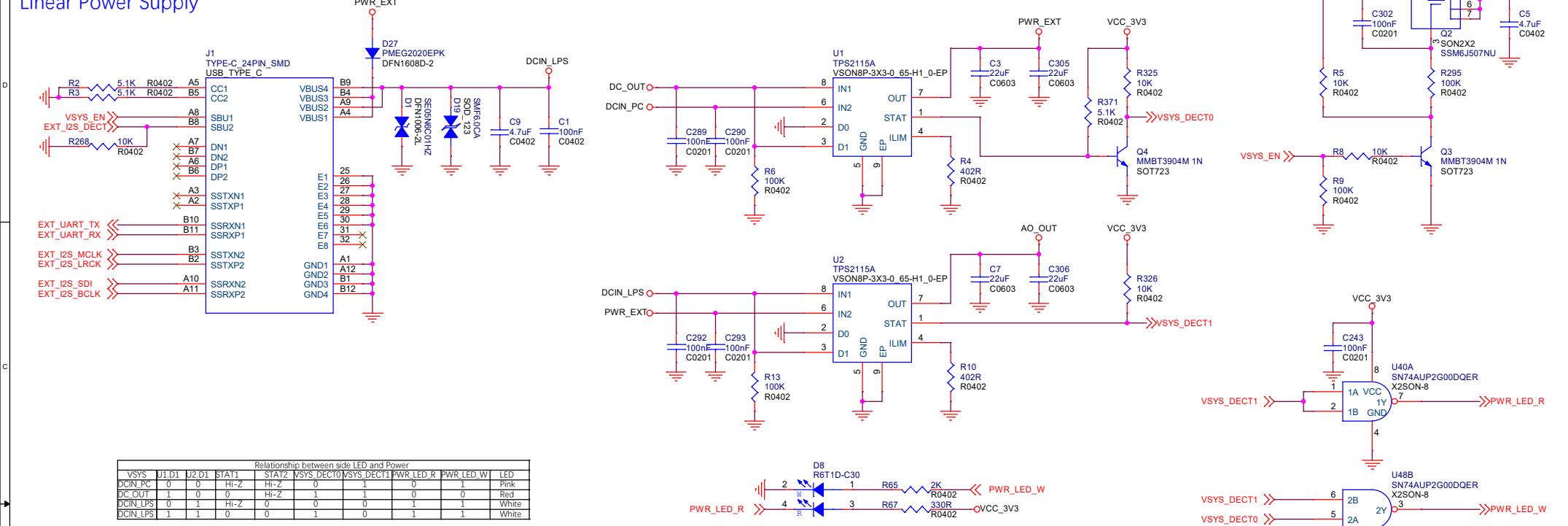
Shenzhen Wesion Technology Co., Ltd.

Project:	Tone2		
File:	00_Khadas		
Date:	Tuesday, September 27, 2022	Rev:	V12
Designed_by:	Eric	Sheet:	1

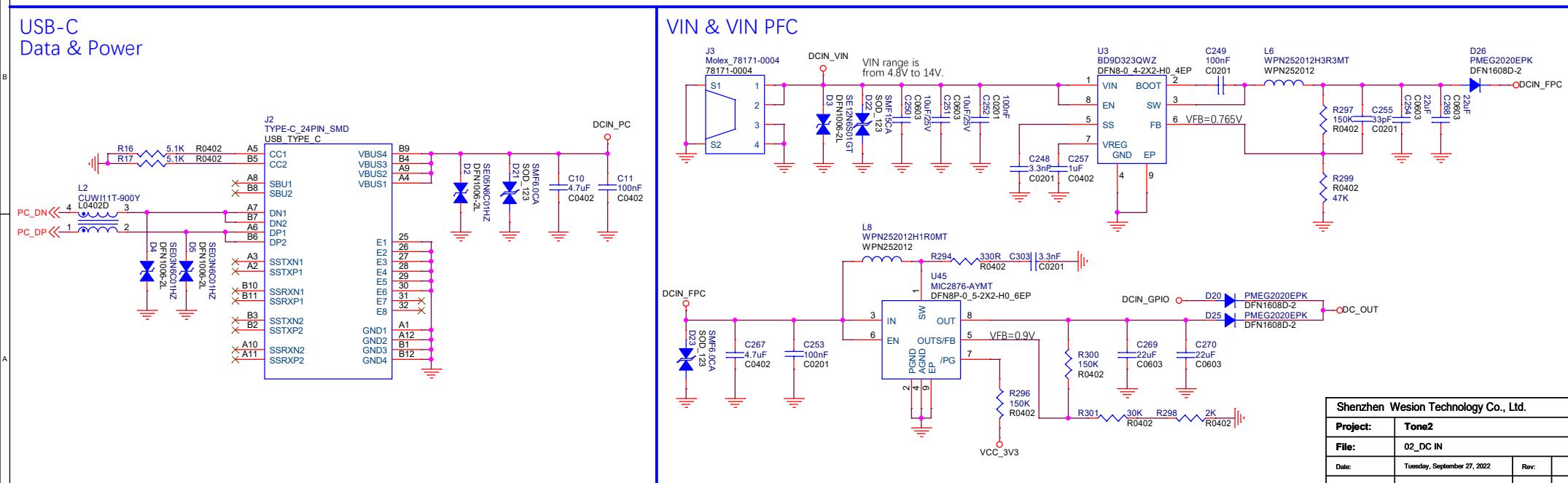


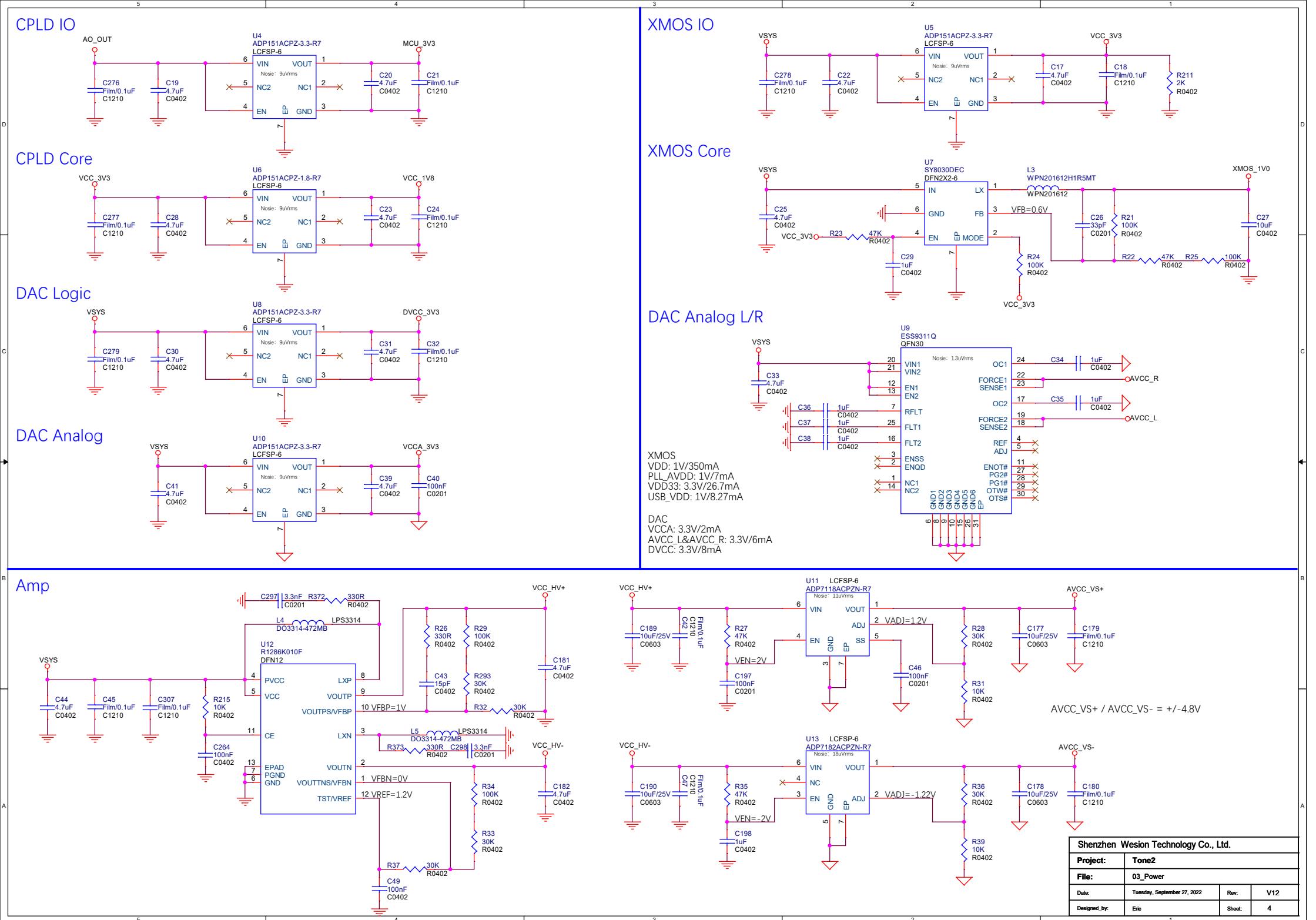
Shenzhen Wesion Technology Co., Ltd.	
Project:	Tone2
File:	01_Block
Date:	Tuesday, September 27, 2022
Designed_by:	Eric
Rev:	V12
Sheet:	2

USB-C Ext IO & Linear Power Supply

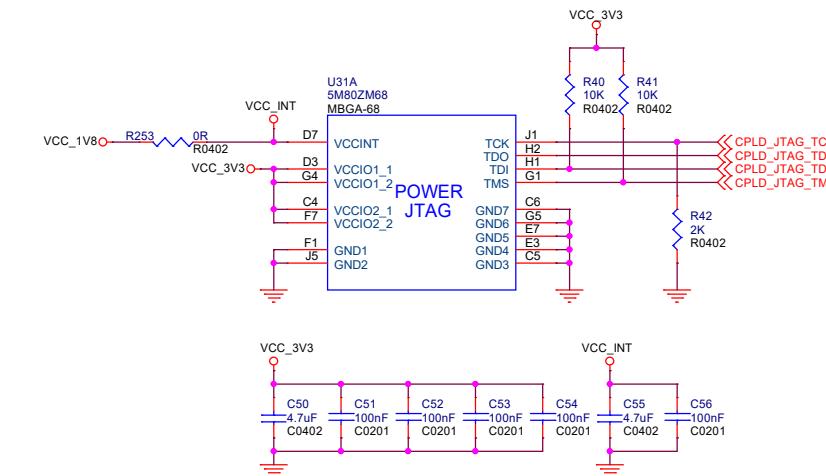


USB-C Data & Power

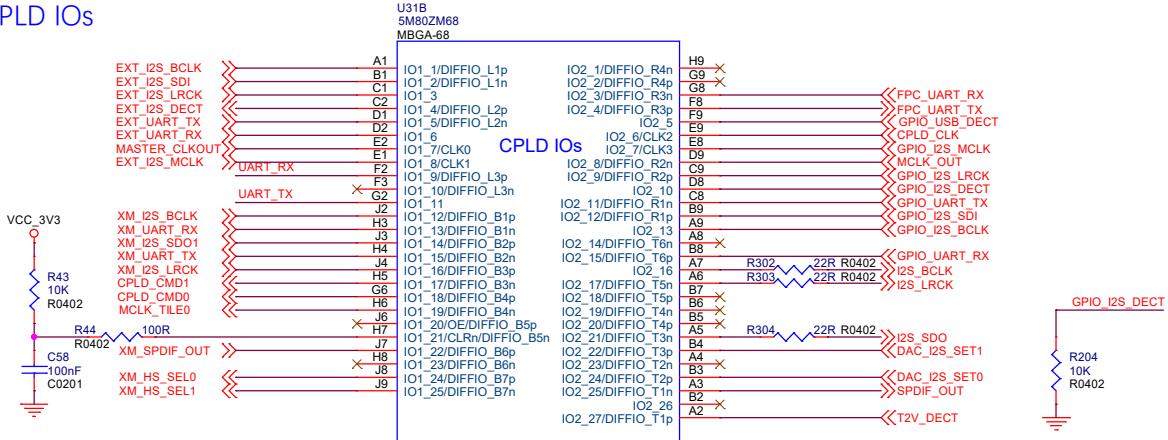




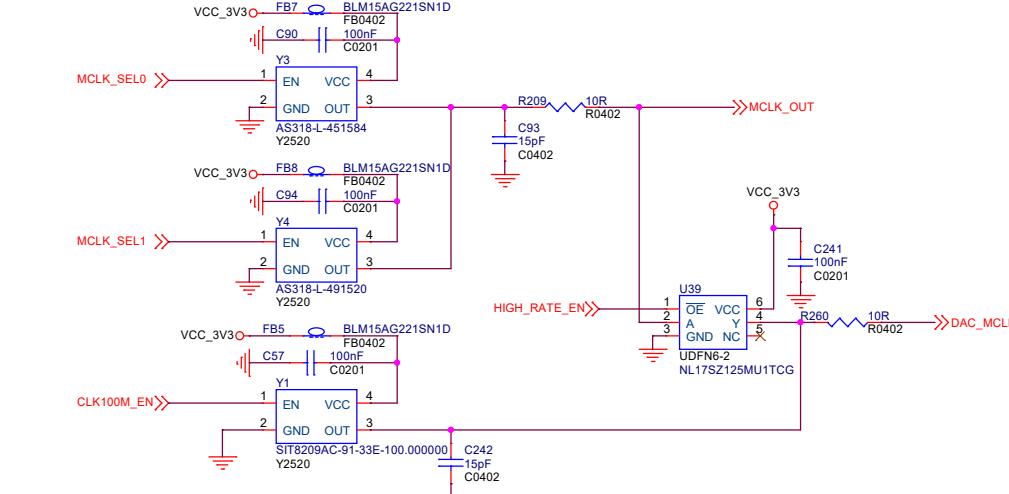
CPLD Power



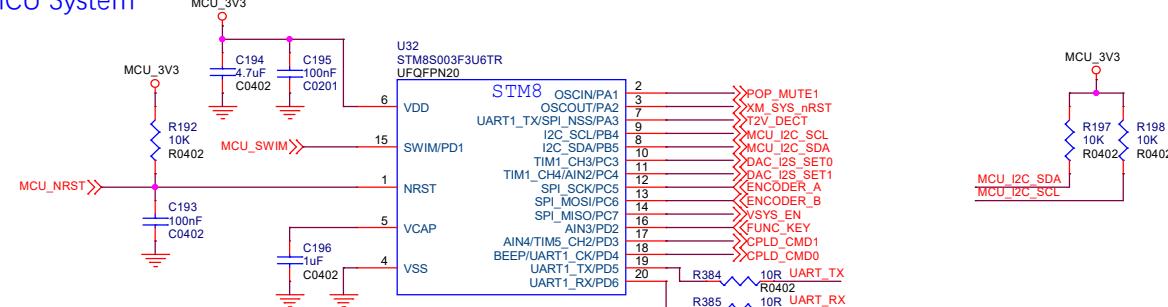
CPLD IOs



Oscillator

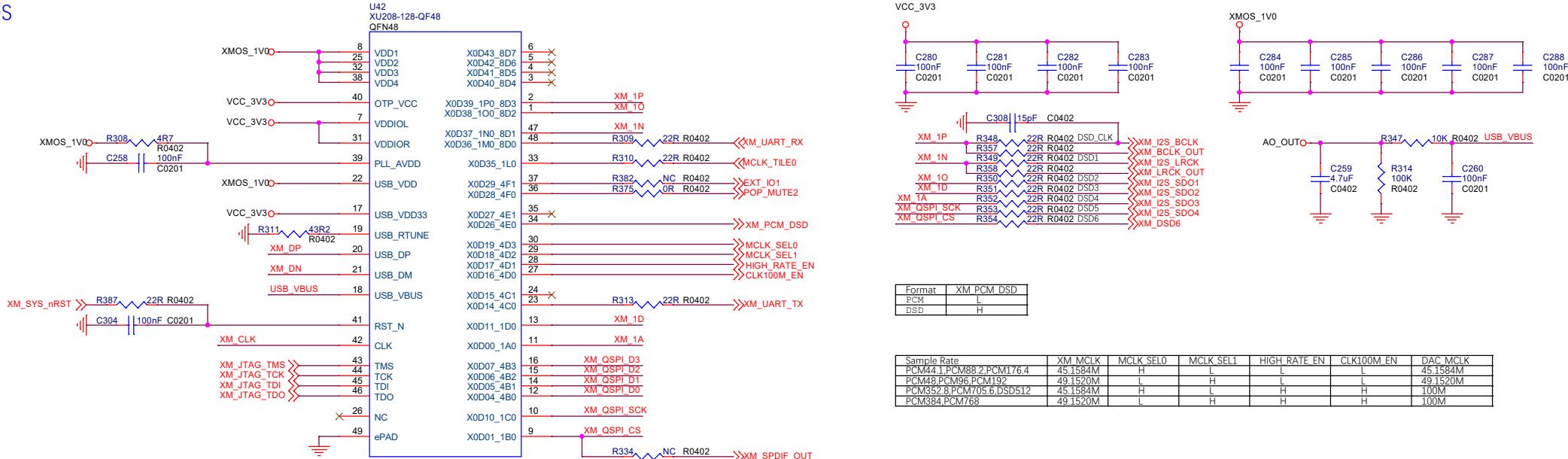


MCU System

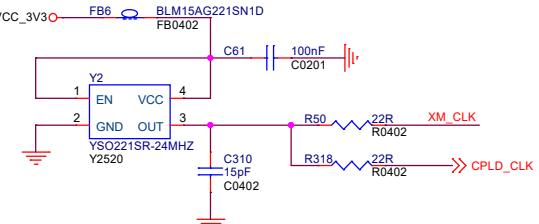


Shenzhen Wesion Technology Co., Ltd.	
Project:	Tone2
File:	04_CPLD & MCU
Date:	Tuesday, September 27, 2022
Designed_by:	Eric
Sheet:	5

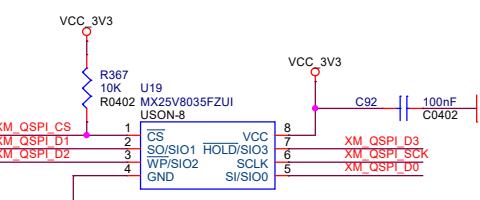
XMOS



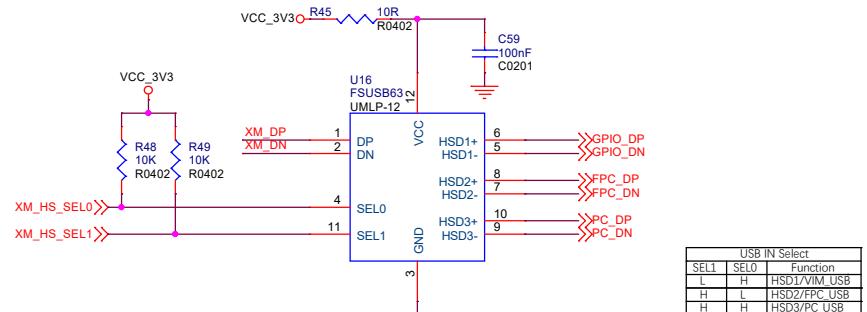
XMOS Clock



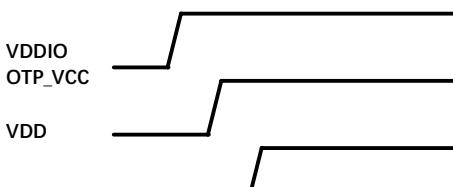
SPI FLASH



USB Switch

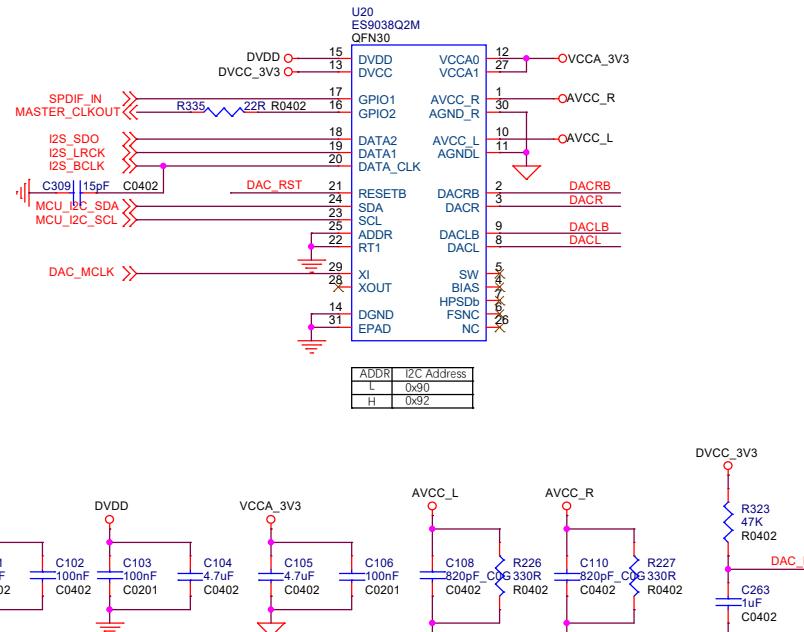
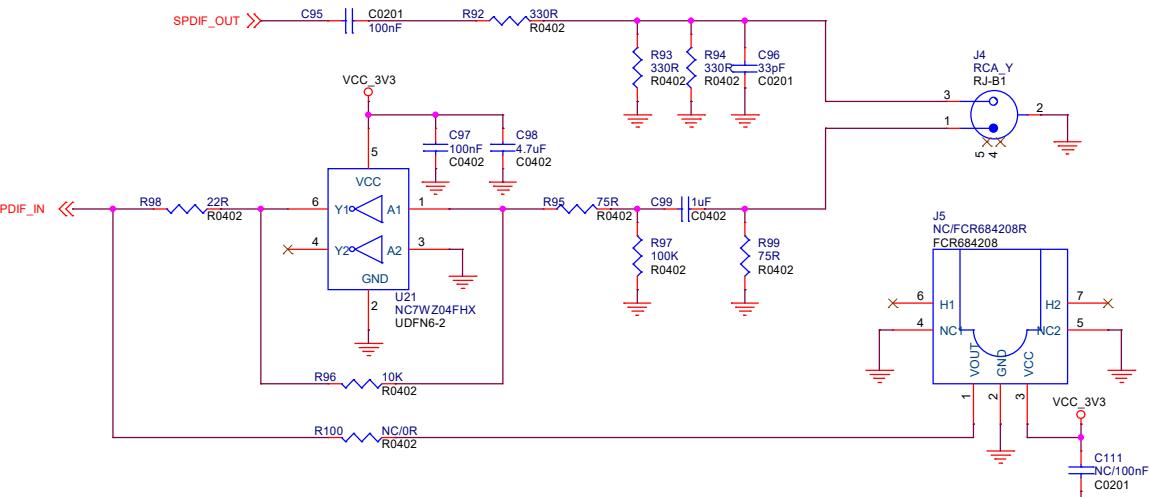


XMOS Power up Sequence

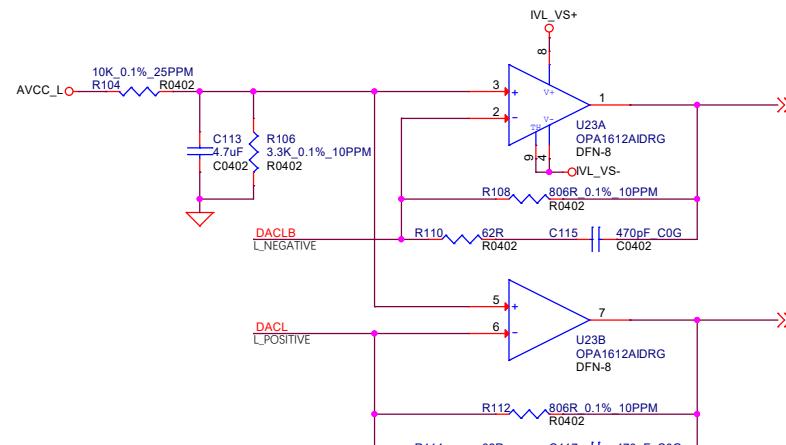
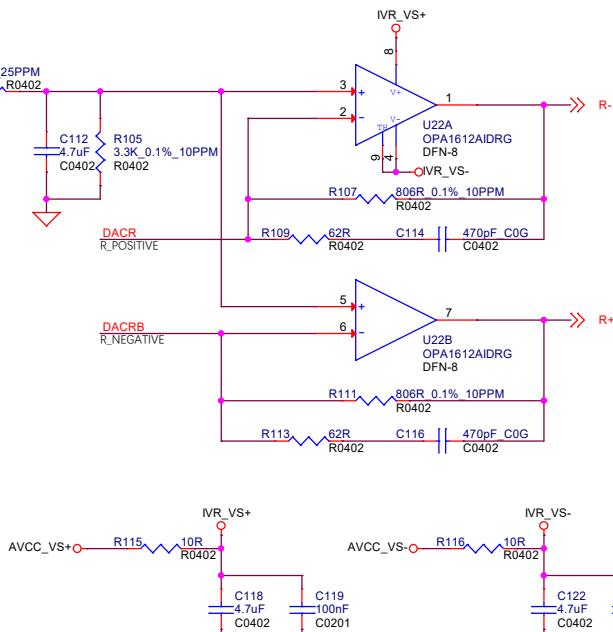


Shenzhen Wesion Technology Co., Ltd.	
Project:	Tone2
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Date:	Tuesday, September 27, 2022
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DAC

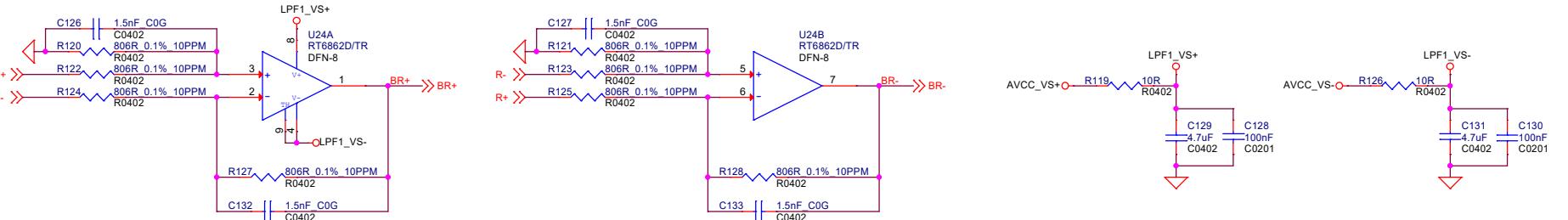
SPDIF:
Coaxial IN/OUT
TOSLINK IN(Opt)

I/V Converter

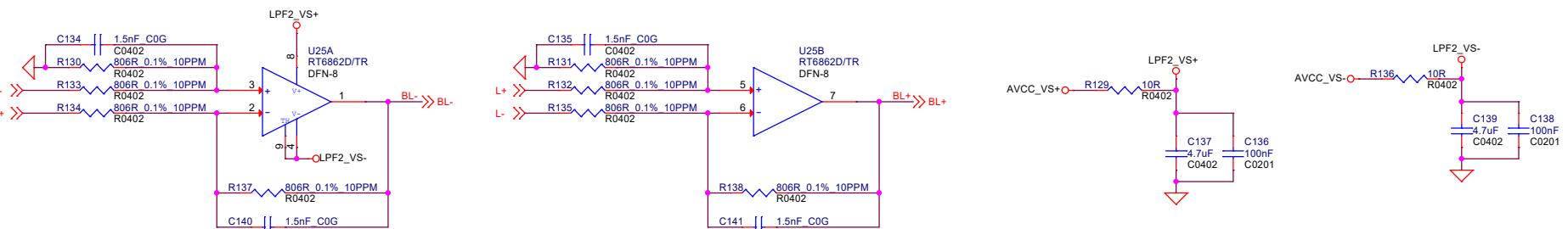


Shenzhen Wesion Technology Co., Ltd.	
Project:	Tone2
File:	06_DAC & I/V
Date:	Tuesday, September 27, 2022
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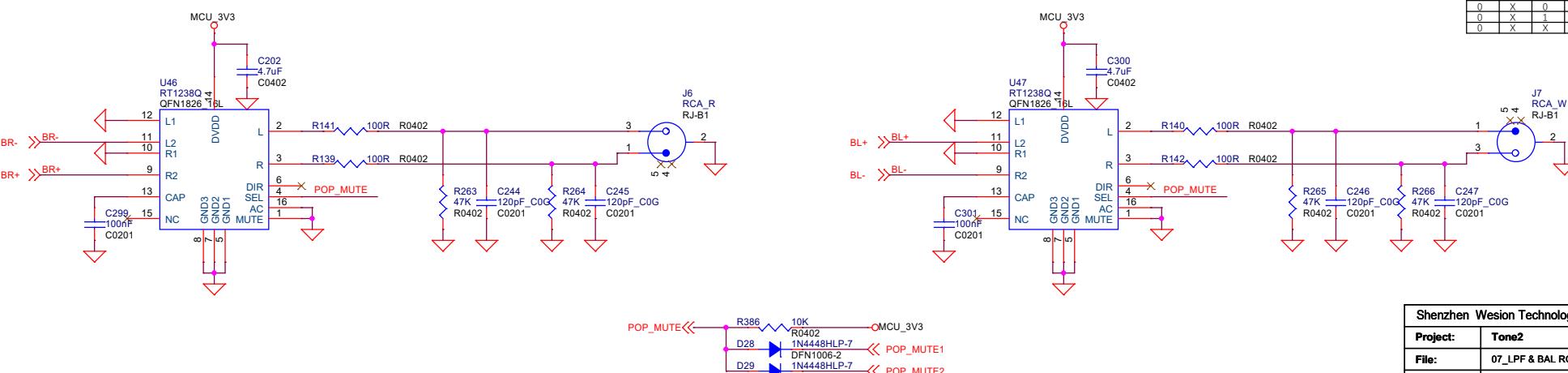
Low-Pass Filter R



Low-Pass Filter L



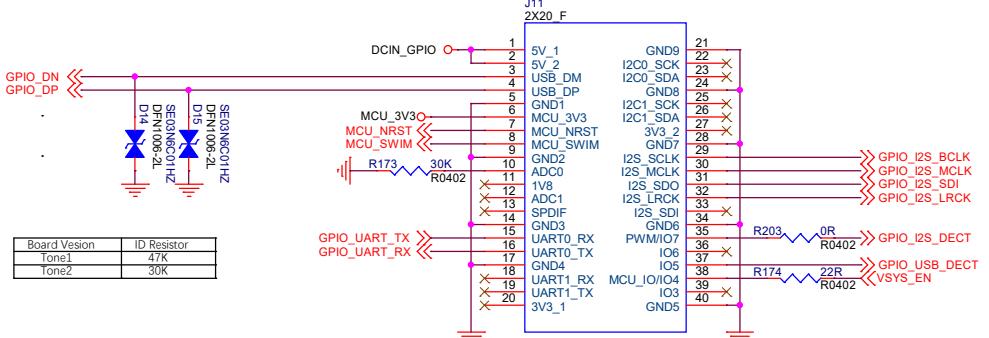
Balanced RCA



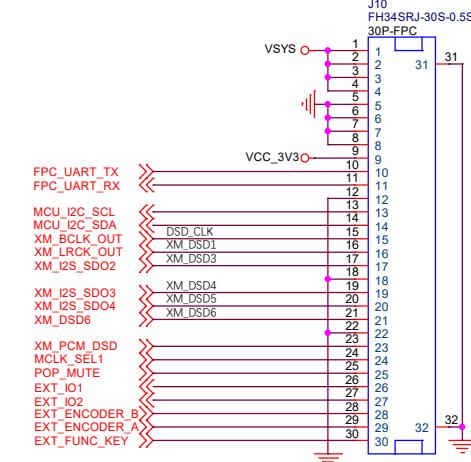
AC	DIR	SEL	MUTE	L1/R1	L2/R2
0	X	0	0	ON	OFF
0	X	1	0	OFF	ON
0	X	X	1	OFF	OFF

Shenzhen Wesion Technology Co., Ltd.			
Project:	Tone2		
File:	07_LPF & BAL.RCA		
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Designed_by:	Eric	Sheet:	8

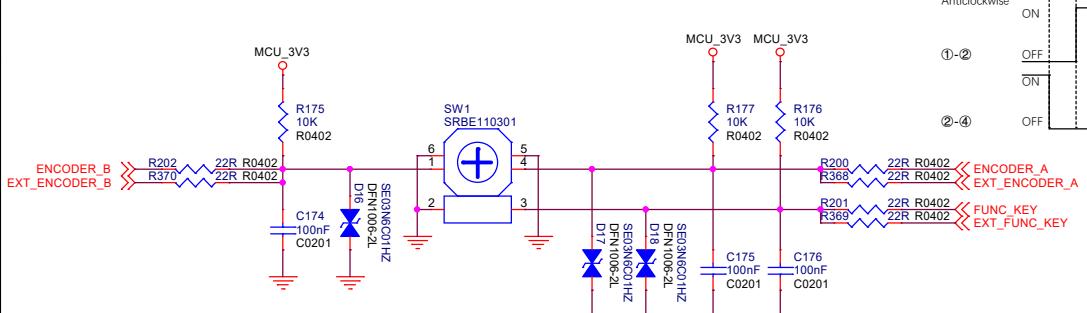
GPIO Header



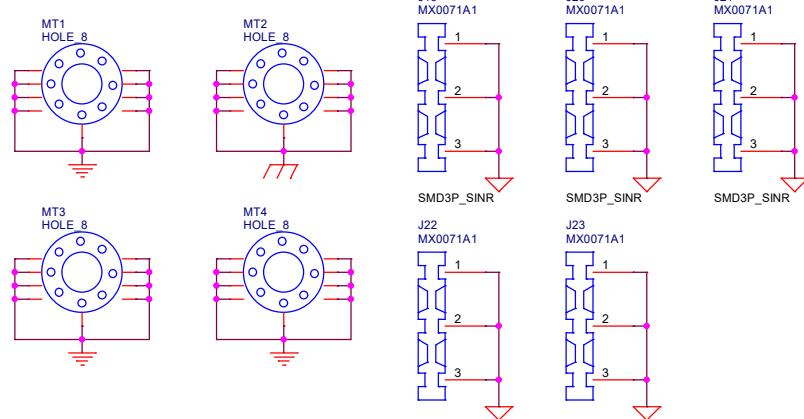
FPC Connector



Encoder



Screw hole & Shield can clip



Shenzhen Wesion Technology Co., Ltd.	
Project:	Tone2
File:	08_Connector & Encoder
Date:	Tuesday, September 27, 2022
Designed by:	Eric
Rev:	V12
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