

Description



File: Description.kicad\_sch

Block



File: Btco.kicad\_sch

Power



File: Power.kicad\_sch

ESP32



File: ESP32S3.kicad\_sch

XMOS



File: XMOS.kicad\_sch

DAC



File: DAC.kicad\_sch

LED & Connector



File: LED & Connector.kicad\_sch



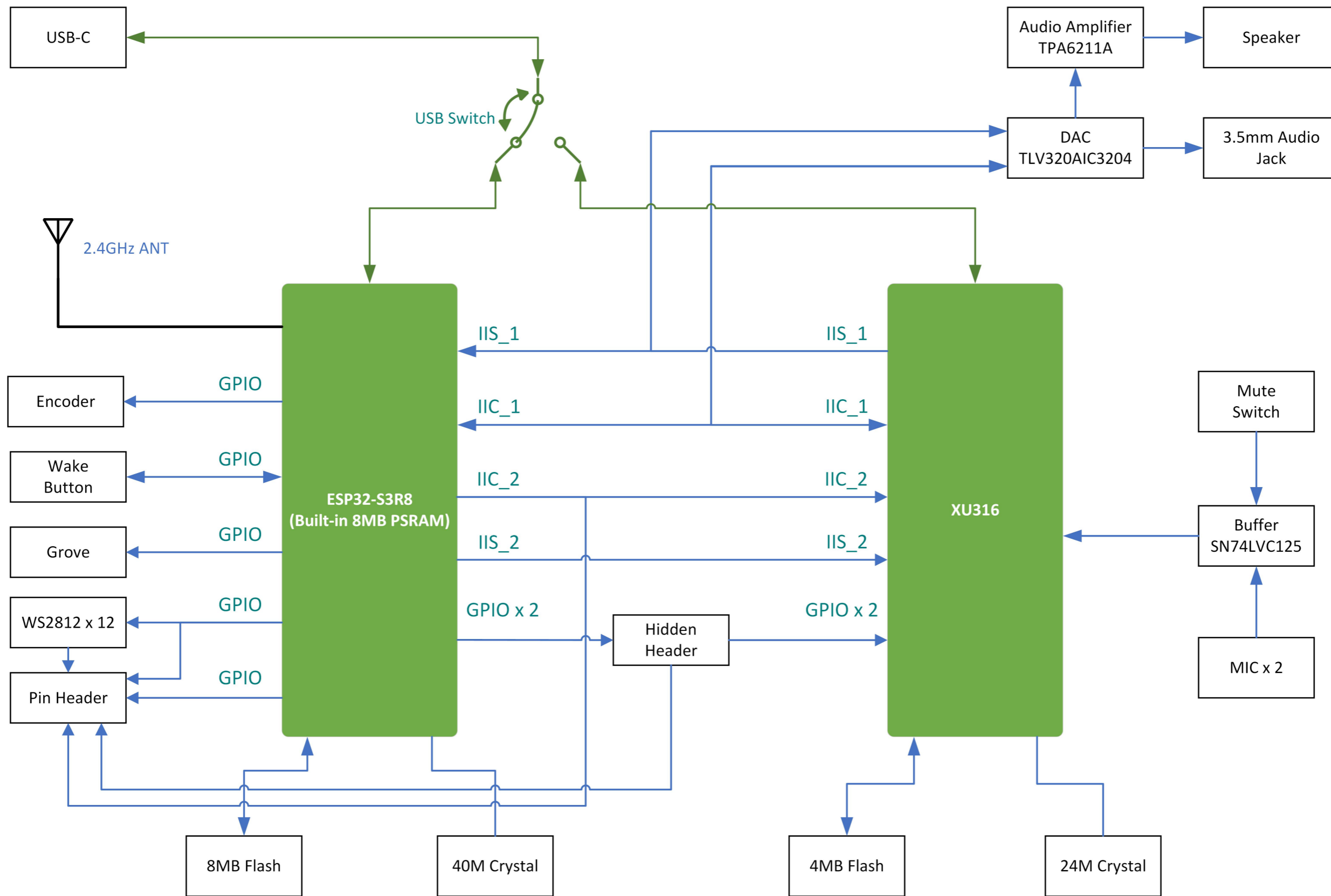
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Size: A3	Date:	Design:	<b>Rev:</b>
KiCad E.D.A. 8.0.5			Id: 1/8

Version	Descriptions	Date	Name
v0.9	Initial version	2024/6/7	Linus.Liao
v0.9	1.Change Grove output Voltage to 5V. 2.Add 2 Pin Header to connect to GPIOs of ESP32.	2024/6/20	Linus.Liao
v0.9	1.Page 4: Change USB switch from jumper to switch 2.Page 5:Remove RST Button 3.Page 5: Change BOOT button to side button 4.Page 6: R10 change to 1K; R12 change to 3.3K 5.Page 6: Mute_DET connect to SN74LVC125APWR 6.Page 7: I2S_DIN_XIAO Network name modify to I2S_DIN_ESP 7.Page 8: Grove I2C Level Shift change to TXS0102DCUR	2024/7/17	Linus.Liao
v0.9	1.Page 5: I2S2_MCLK connect to I2S_MCLK 2.Page 5: GPIO47 connect to AUDIO_PA_EN 3.Page 5: GPIO17 connect to Audio_DET 4.Page 6: Disconnect X0D31 and Audio_PA_EN	2024/8/29	Linus.Liao
v1.0	1.PCB: Add indication silk for the light guide installation. 2.PCB: Make a notch at the edge of the PCB of the headphone jack to solve the floating problem caused by interference between the headphone jack and the PCB plane.	2024/9/6	Linus.Liao

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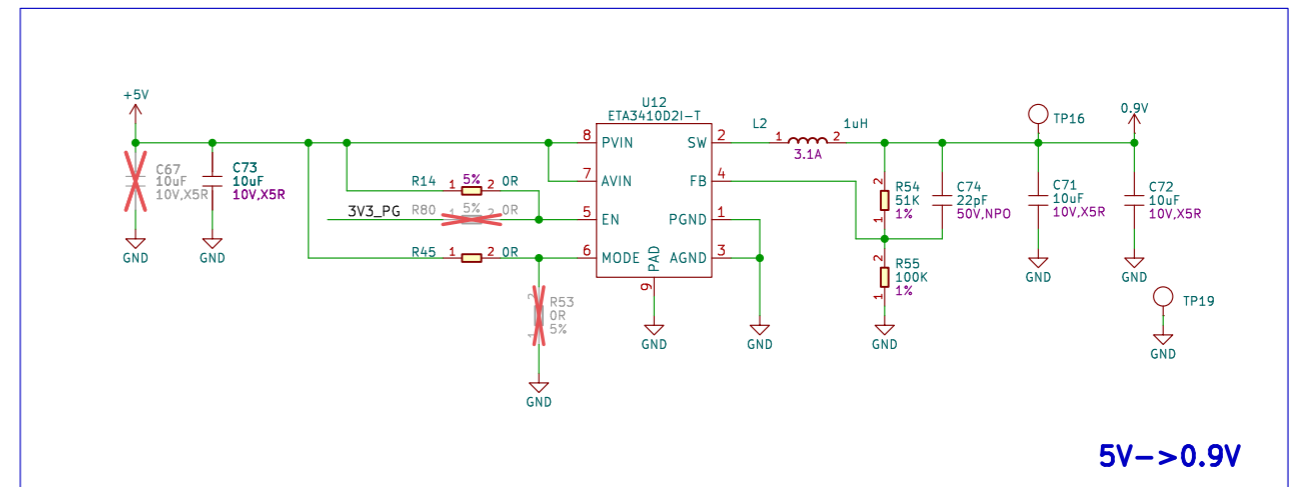
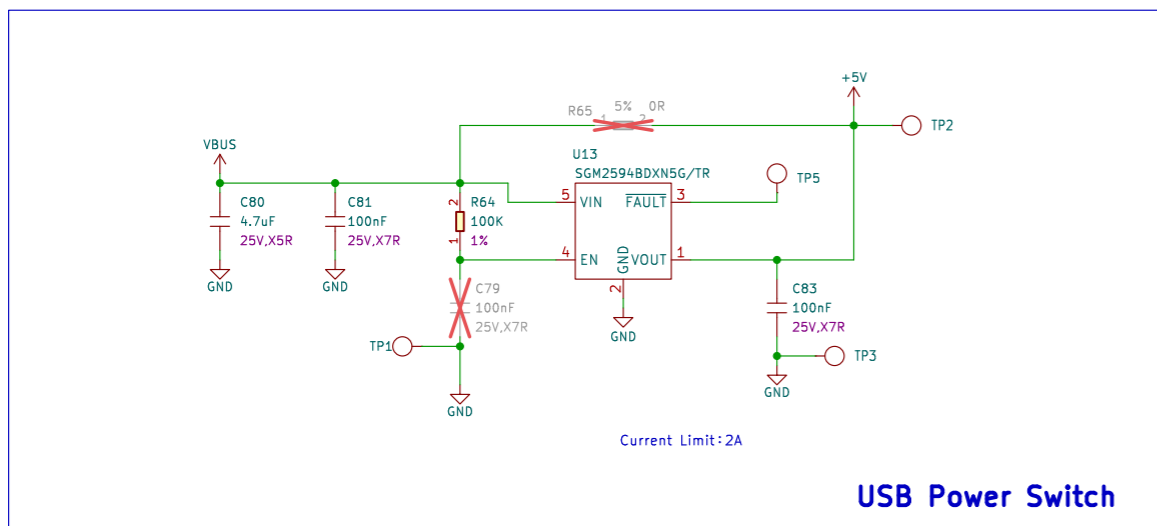
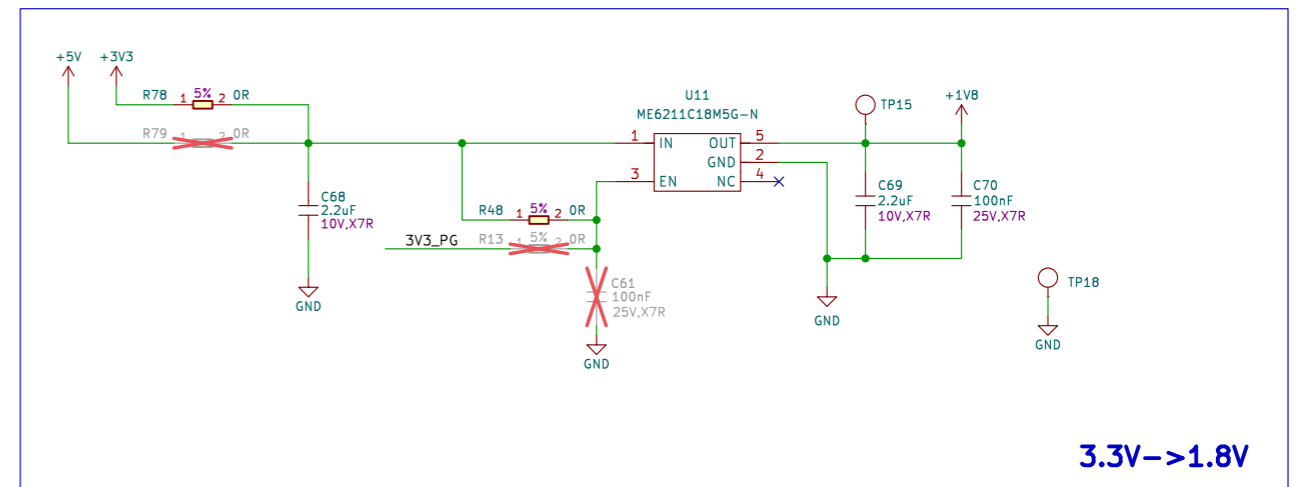
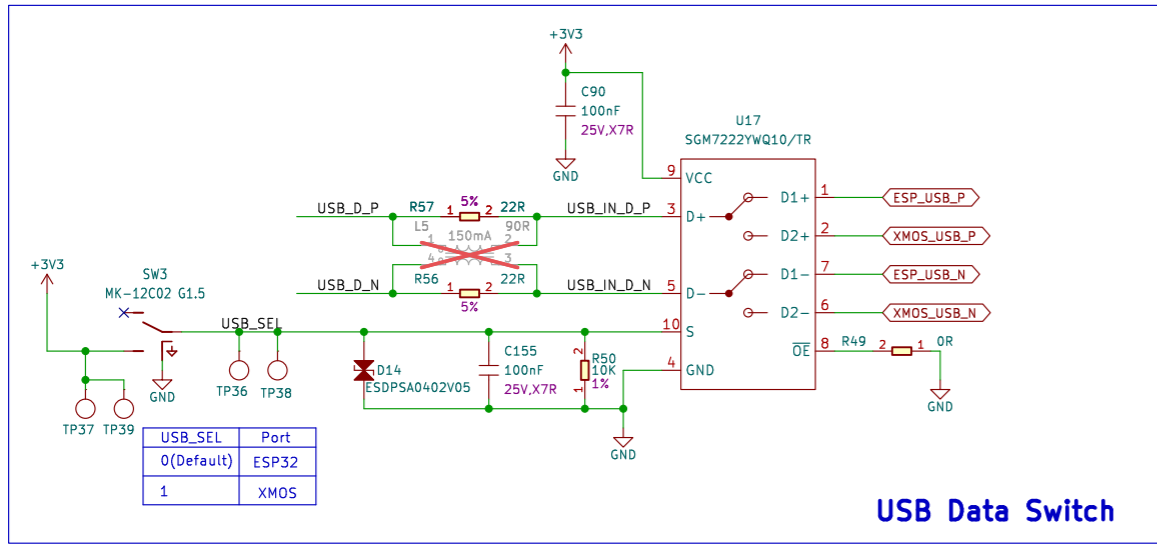
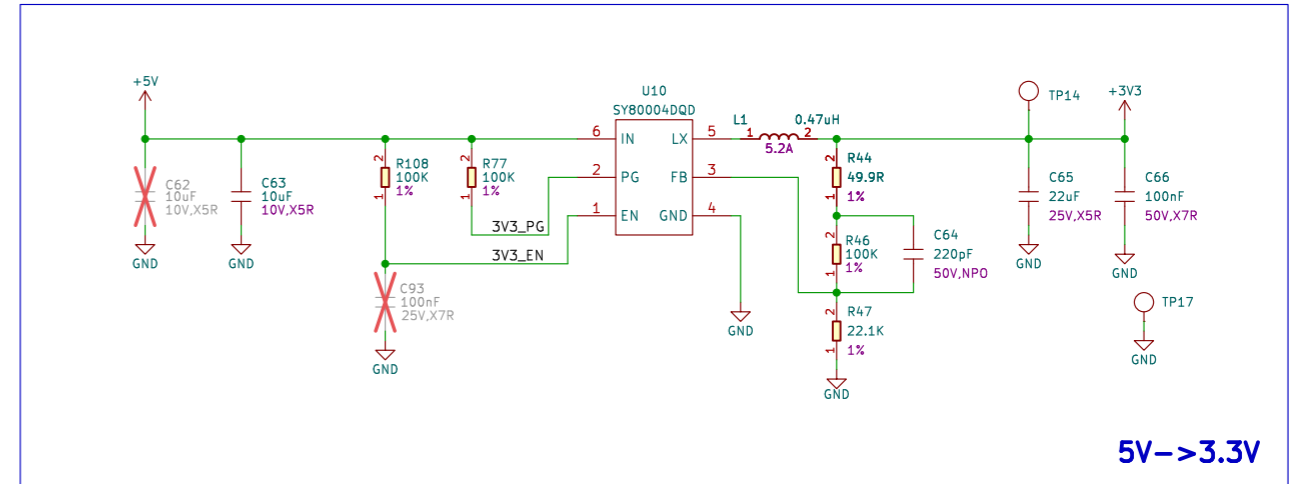
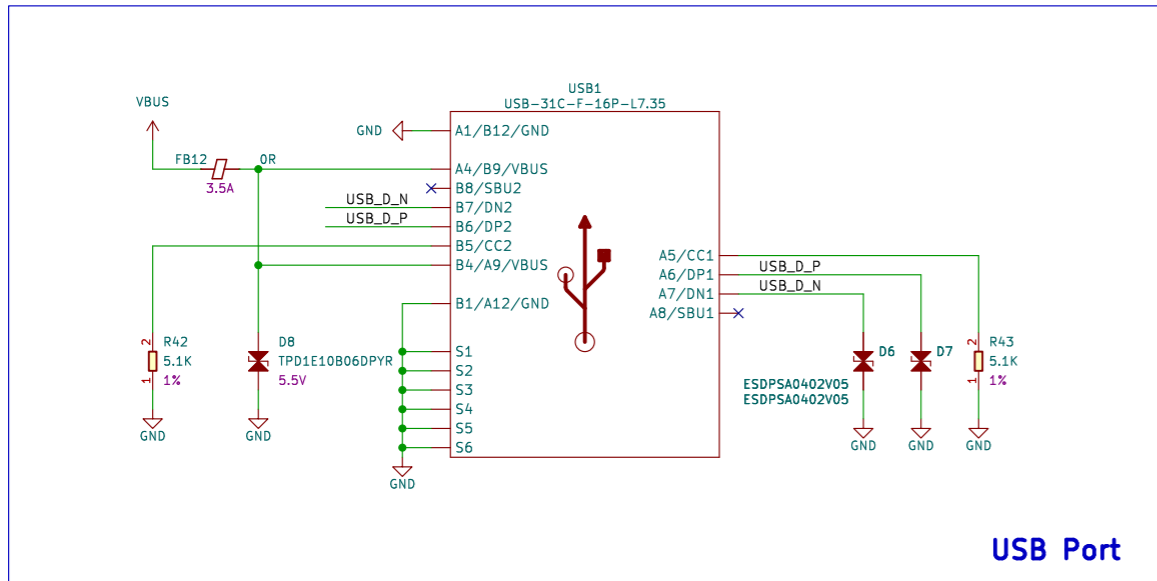
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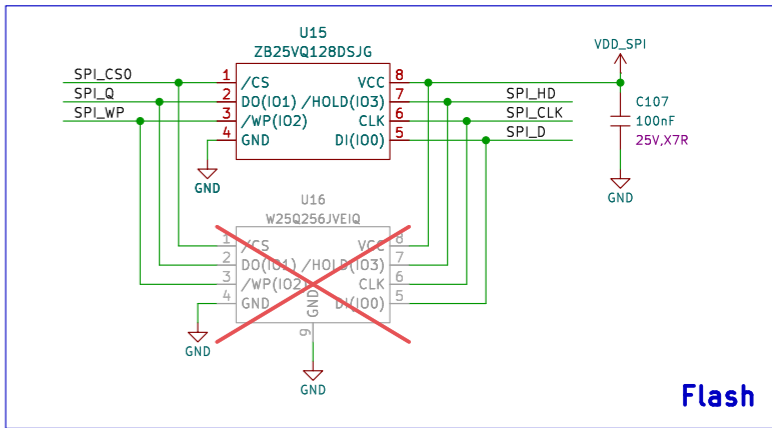
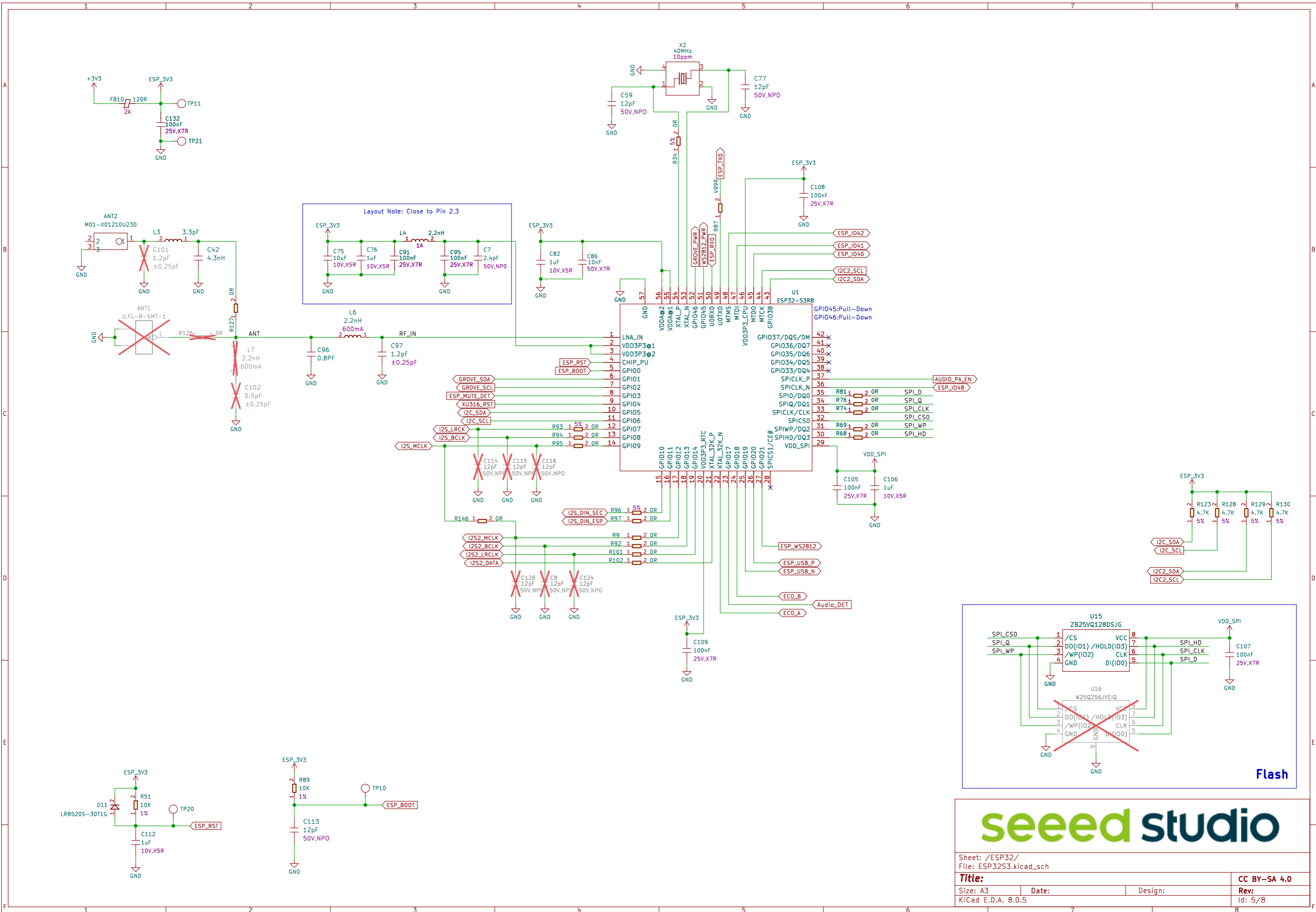
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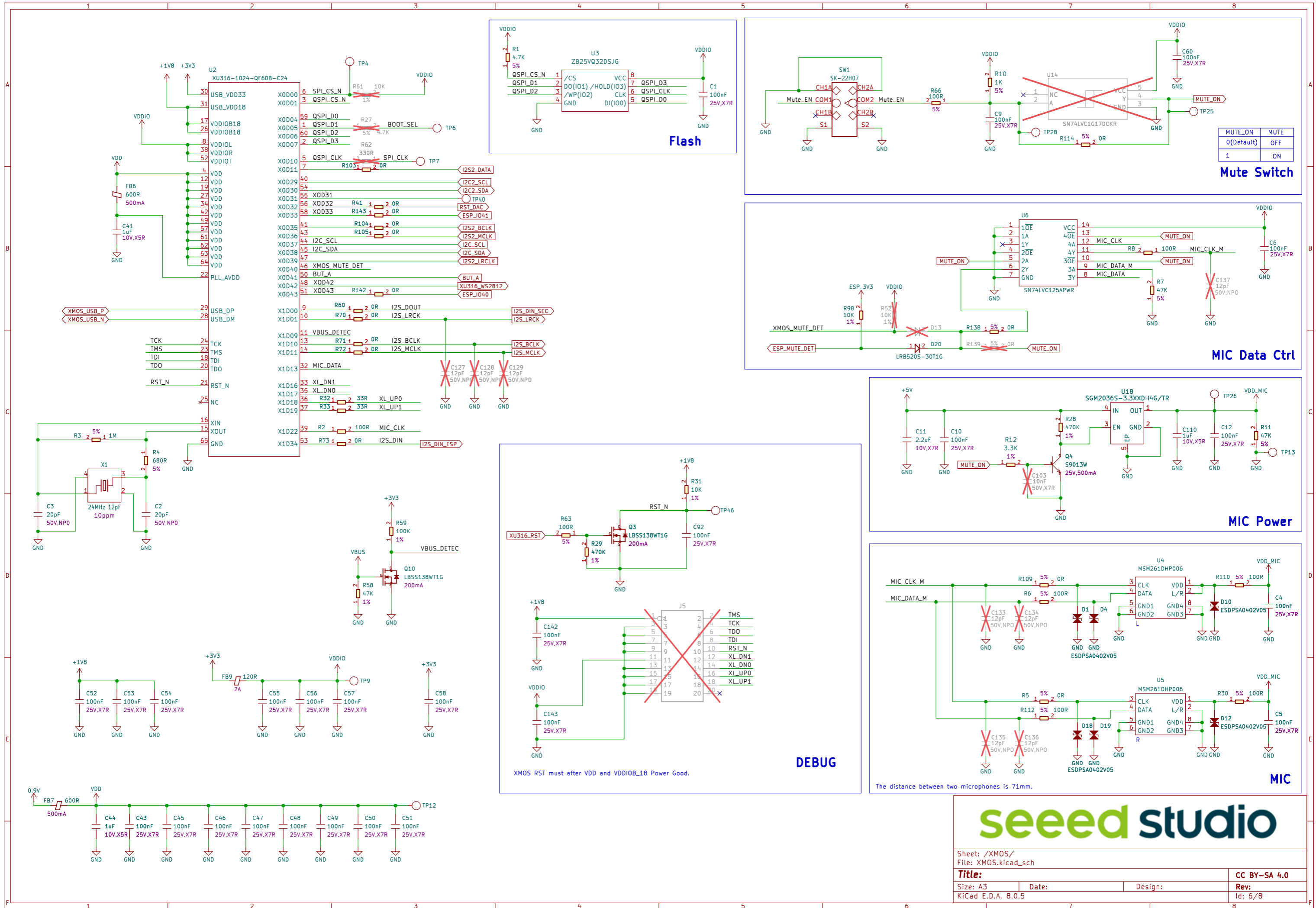


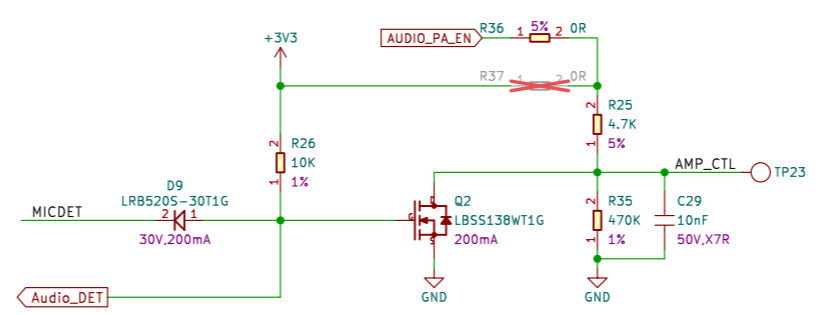
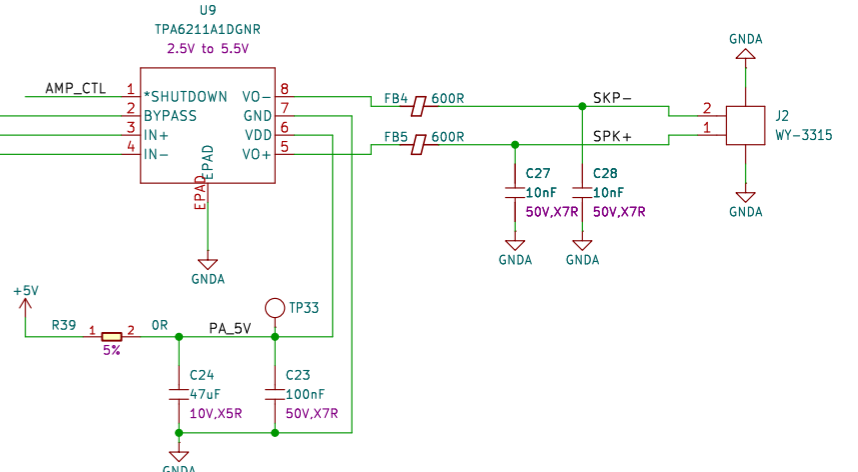
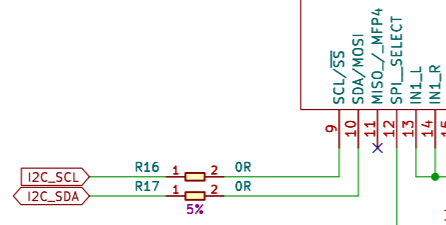
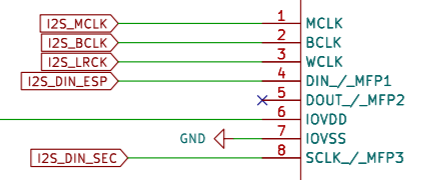
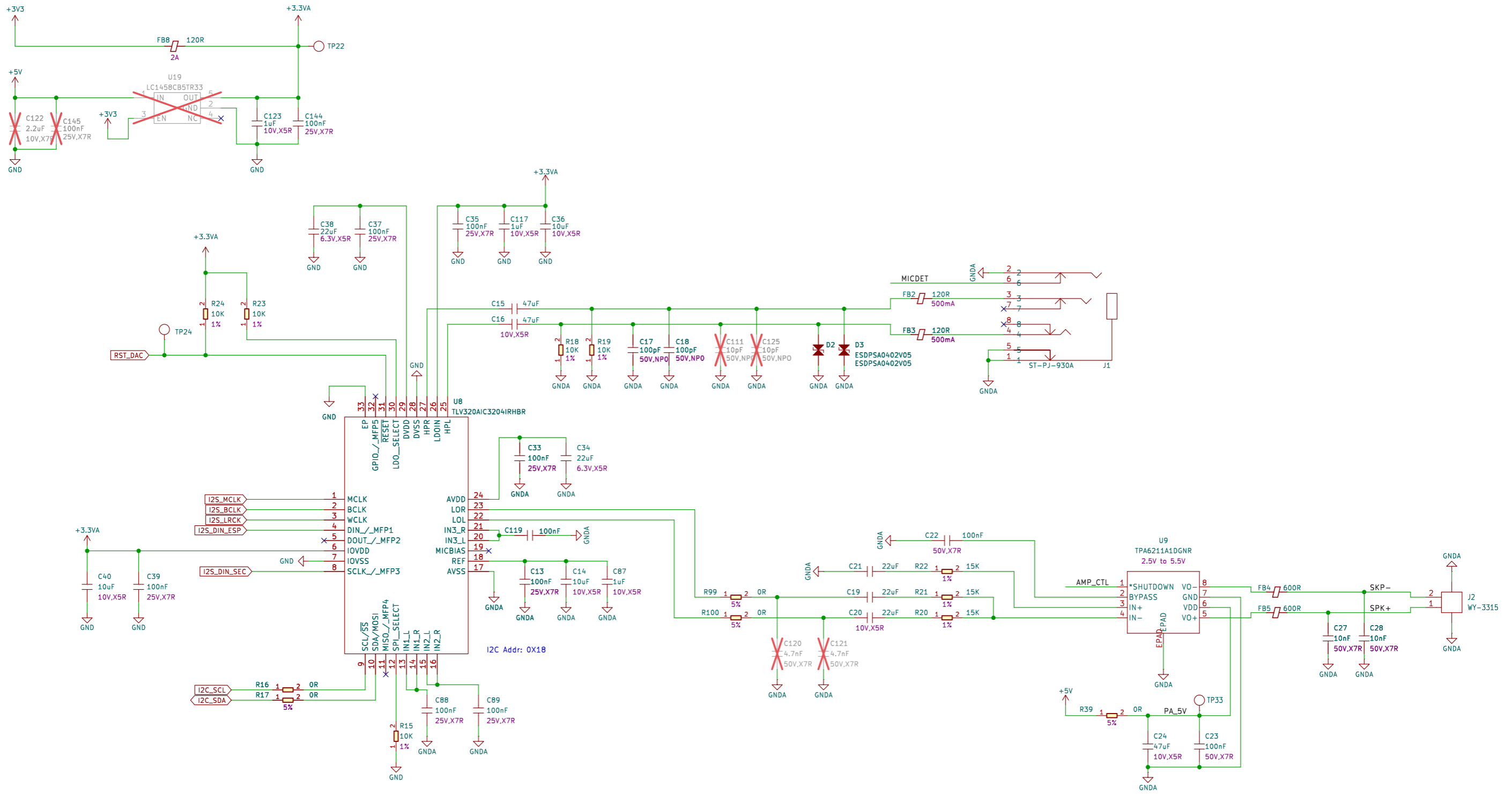
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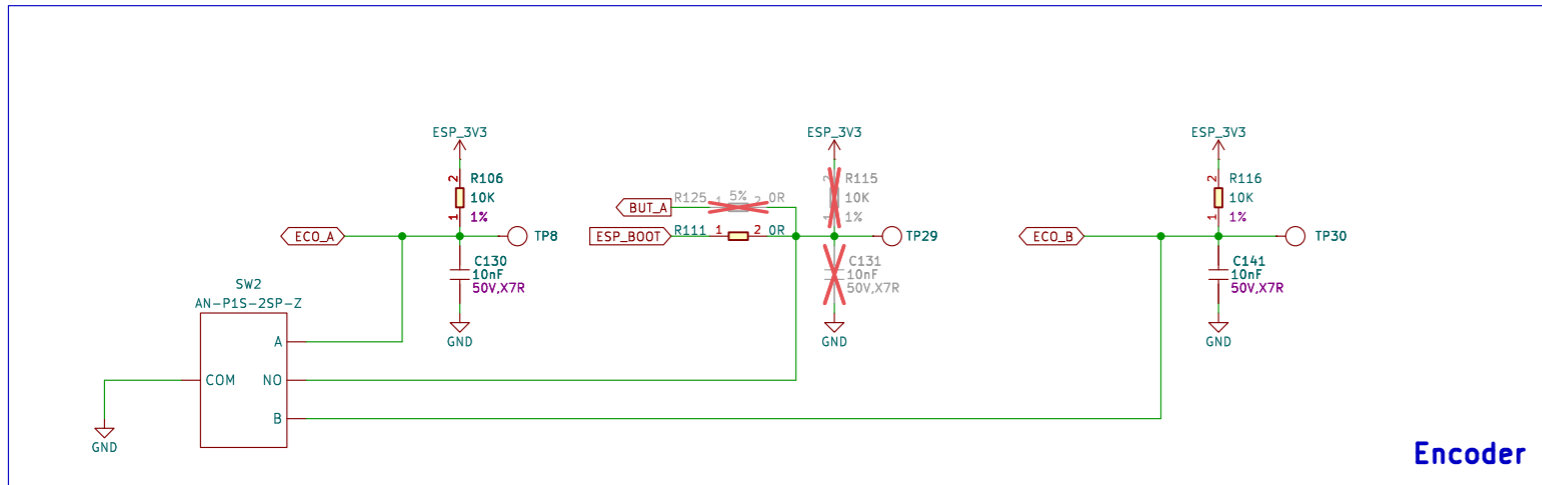
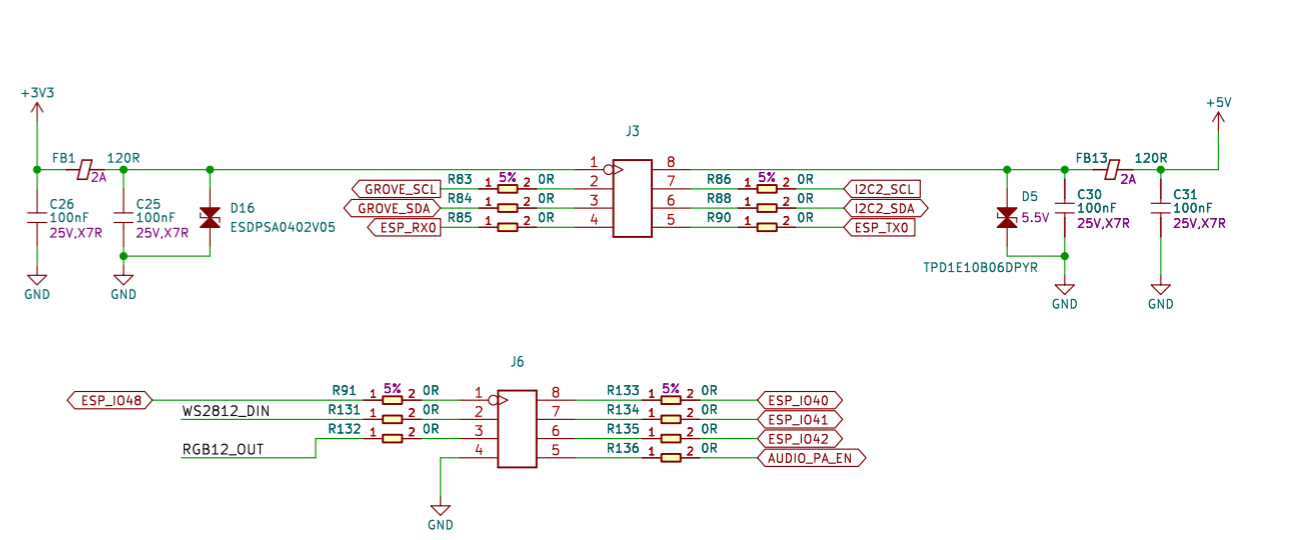
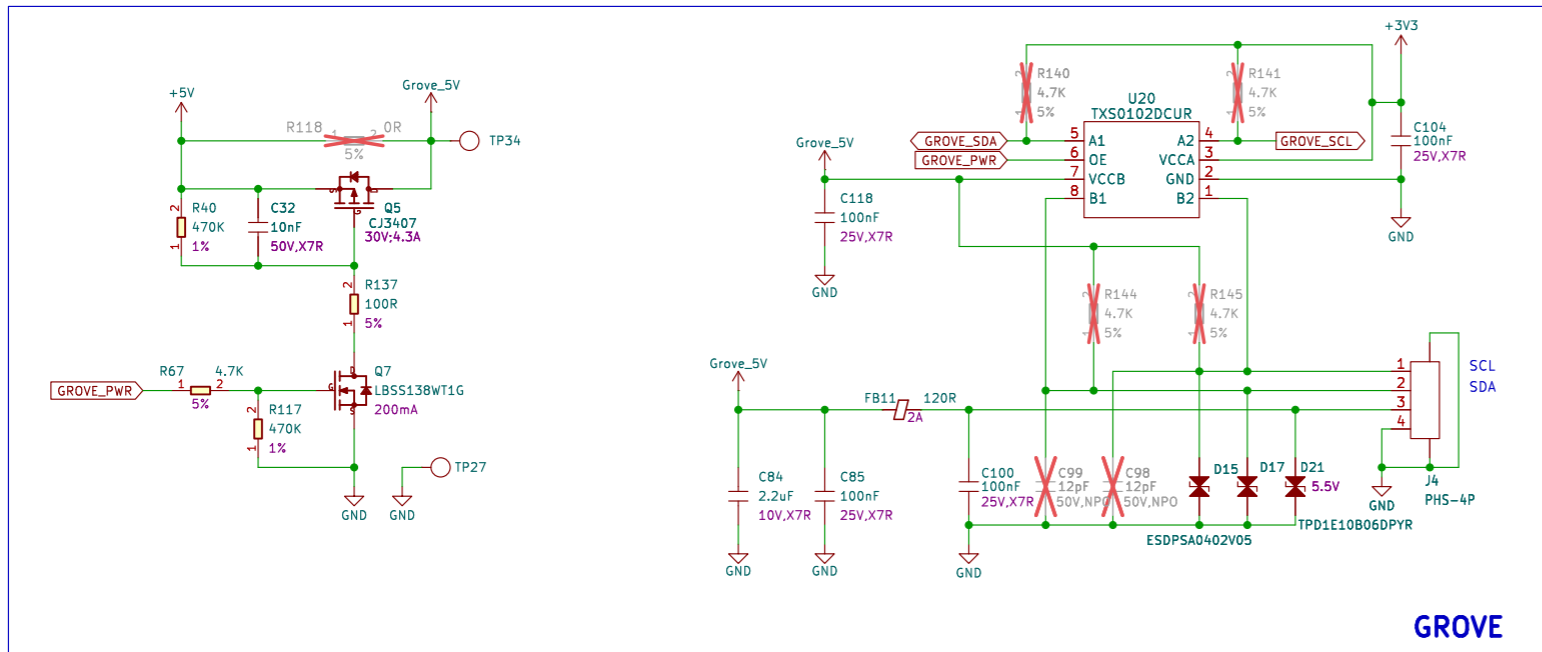
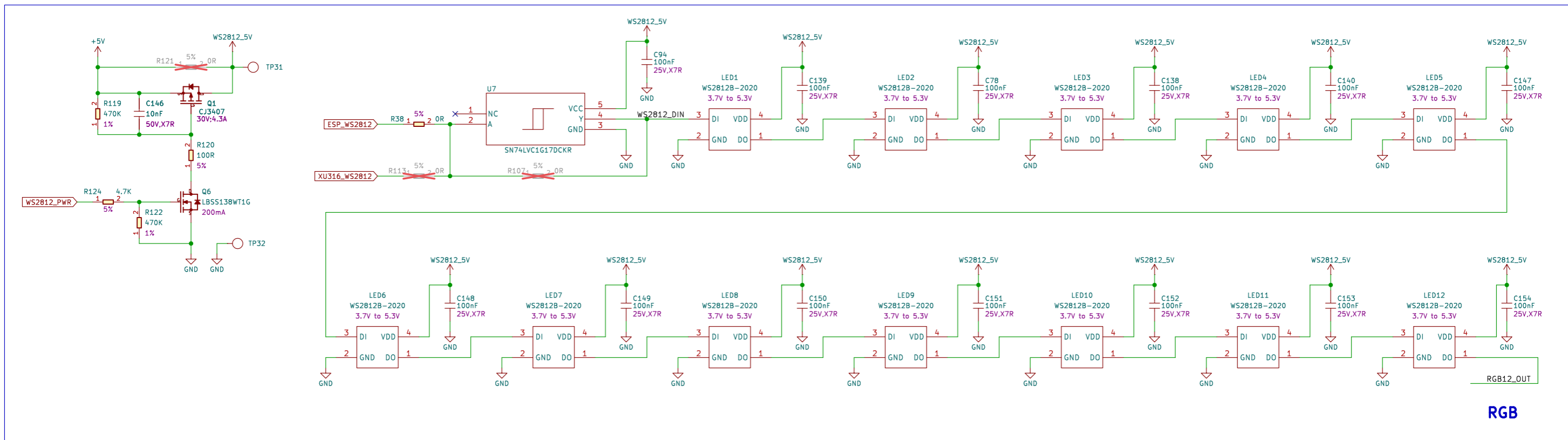




MIC	Q2_D	AMP_CTRL
1	1	0
0	0	1

AMP_CTRL	AMP Status
0-0.5V	Shutdown
1.55V-	Class AB





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