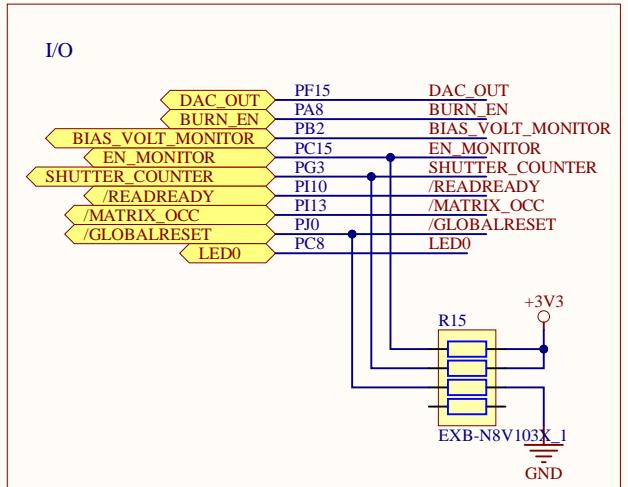
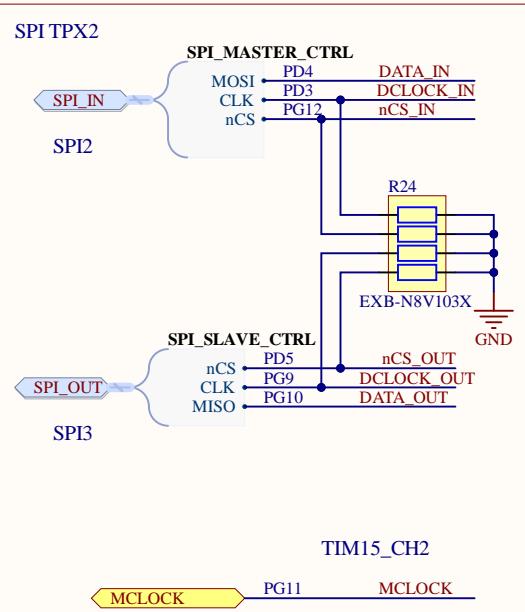
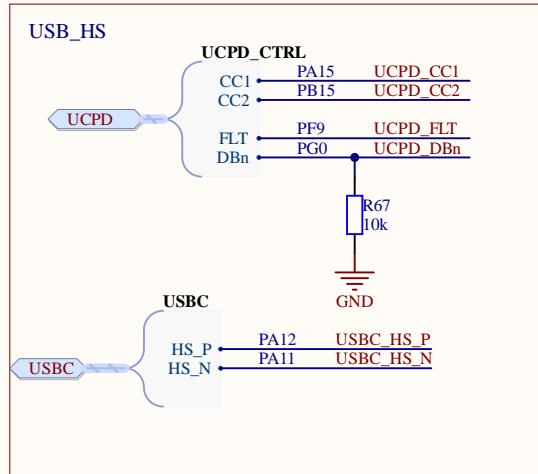
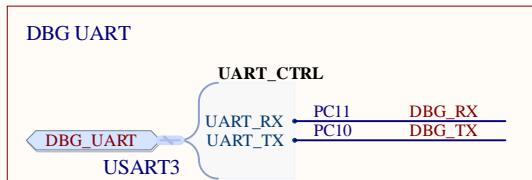
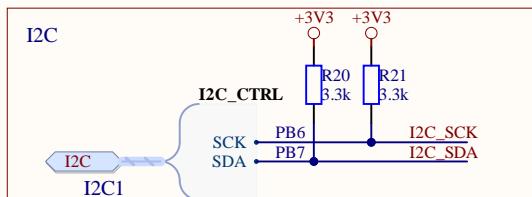
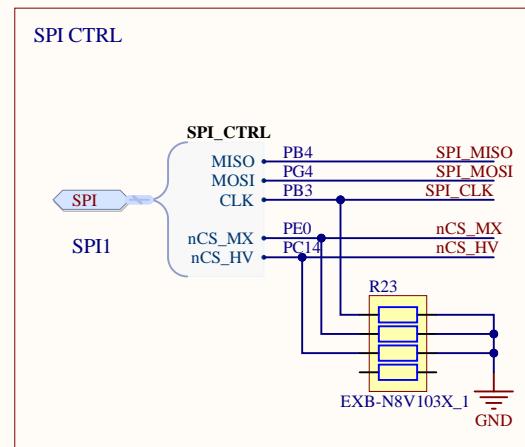
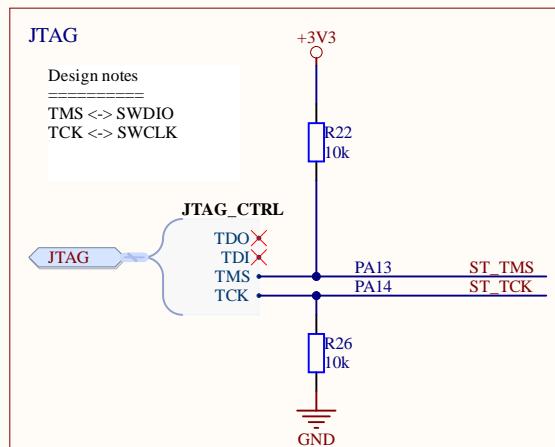
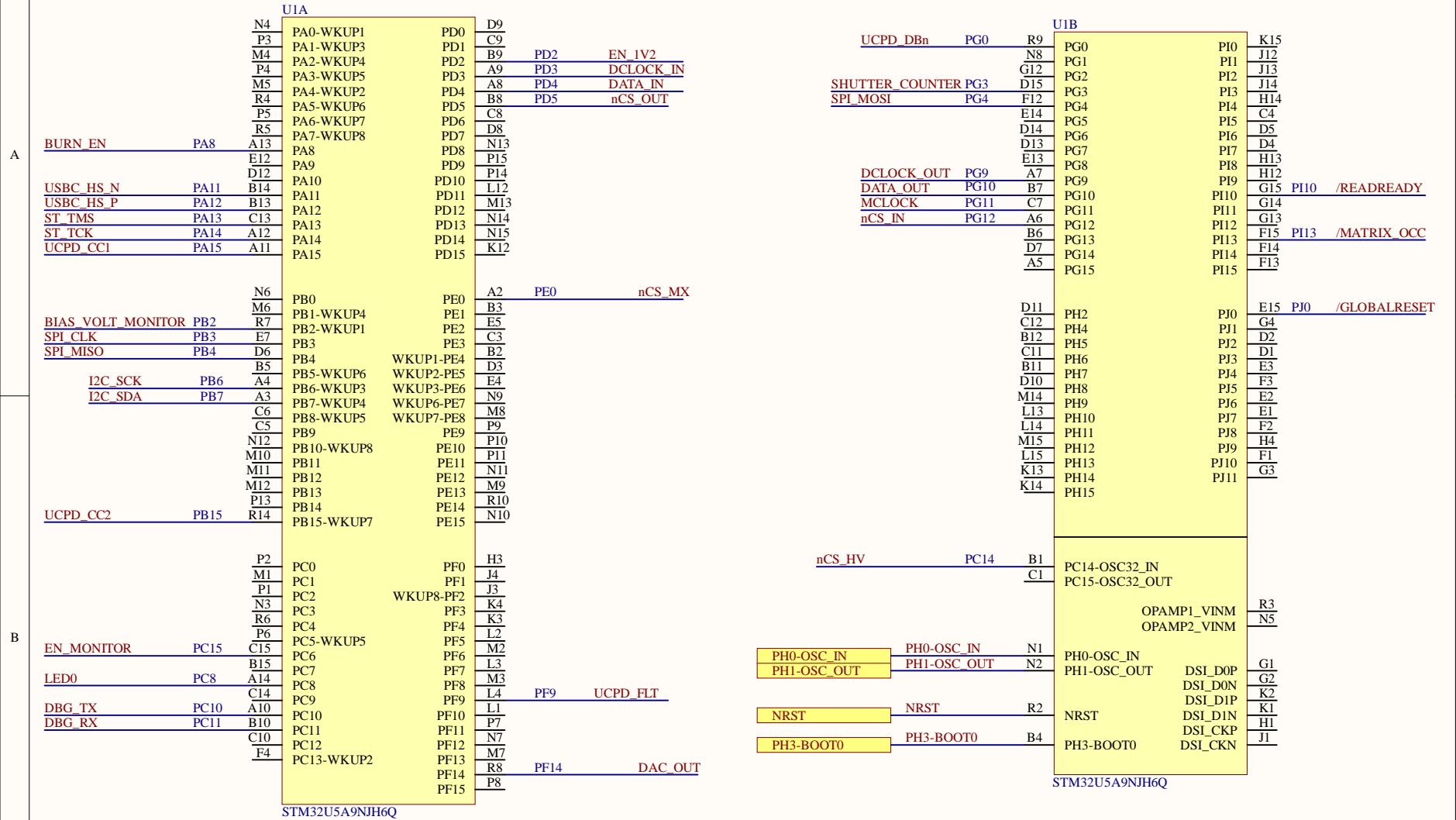
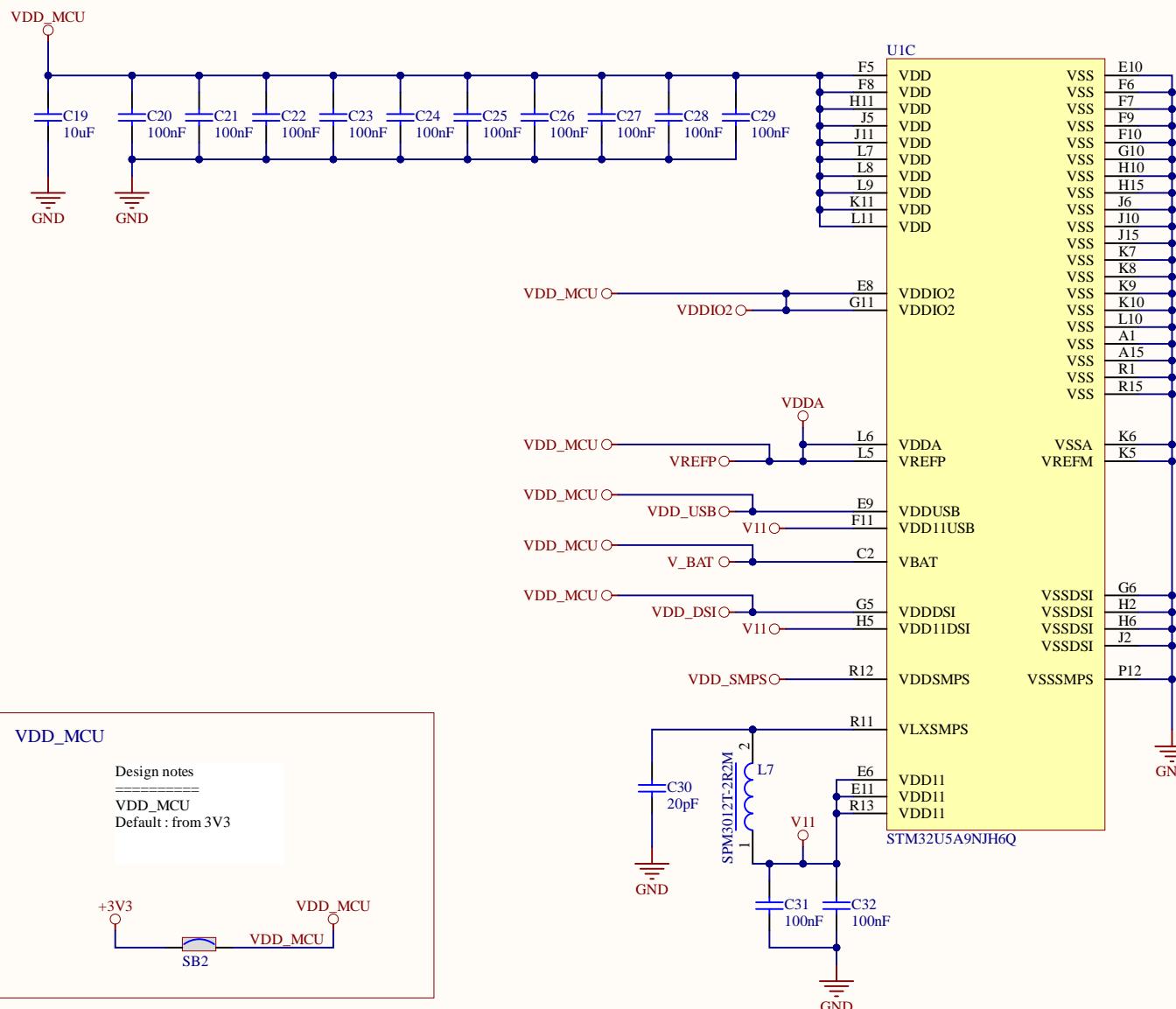


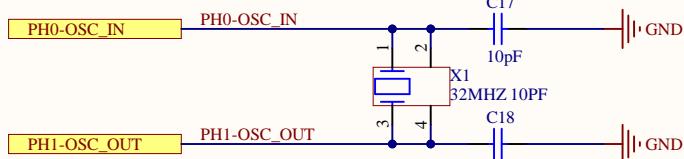
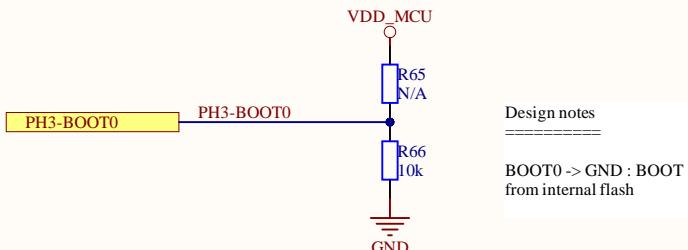
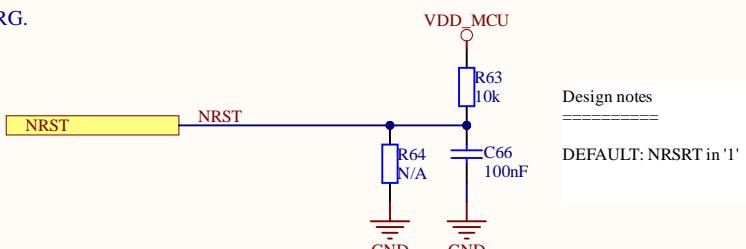
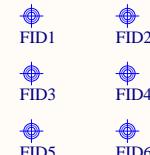
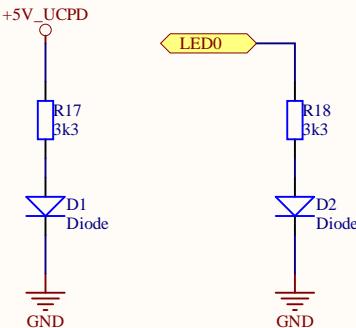
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Project: tpx2min.PrjPcb	
	Author: *
Sheet: 1 of 8	Version: v1





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EXTERNAL HSE CLK**MCU PRG.****LEDs**

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Project: tpx2min.PjPcb

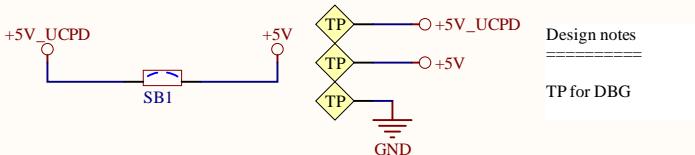


Author: *

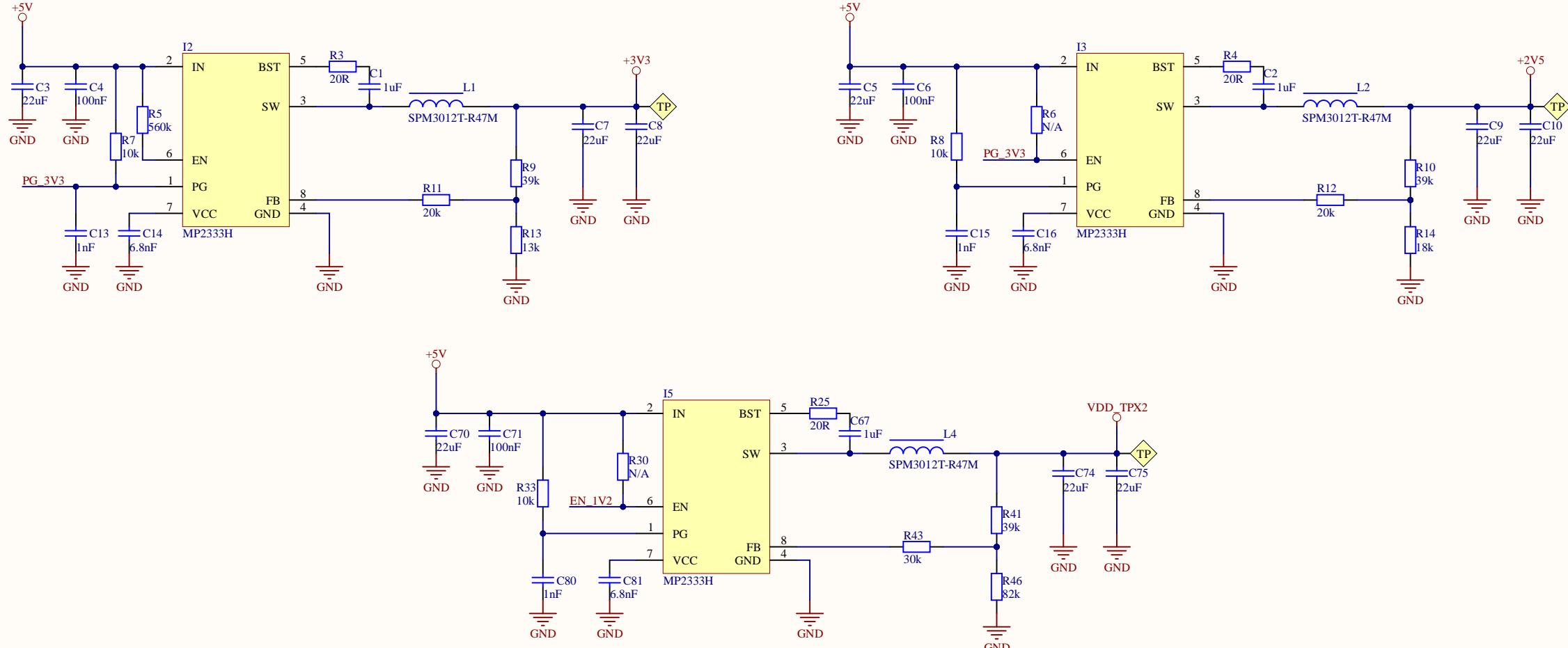
Sheet: 4 of 8 Version: v1

D

D



PWR SEQ : 5V_UCPD -> 3V3 -> 2V5

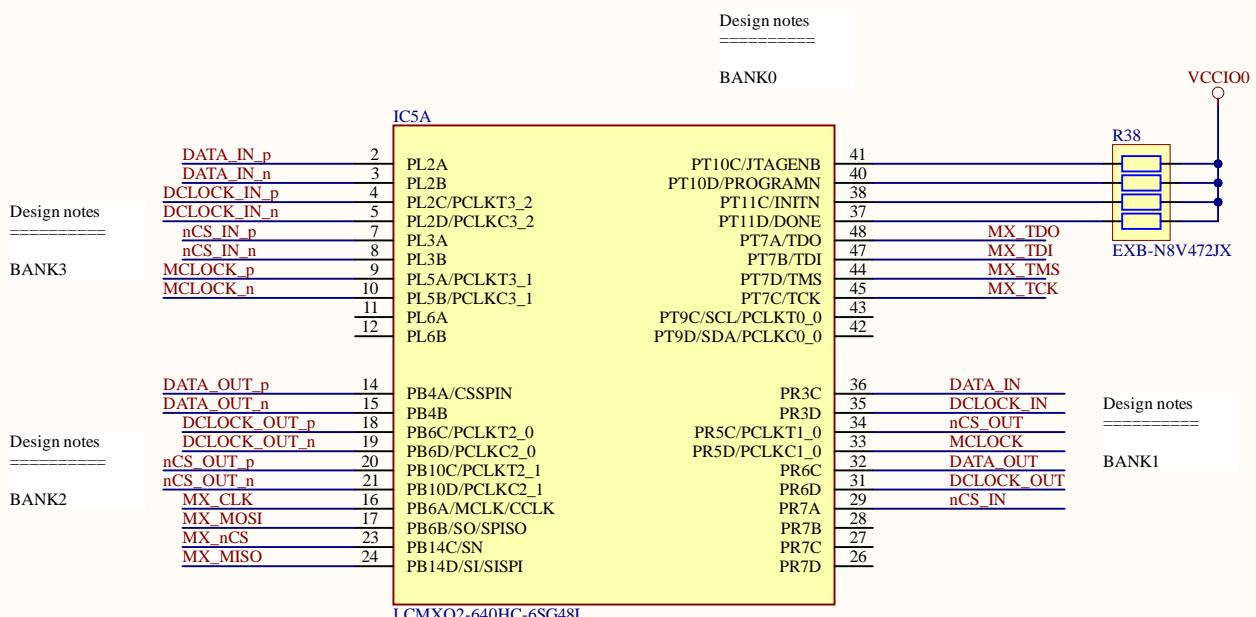


EN_1V2 → EN_1V2

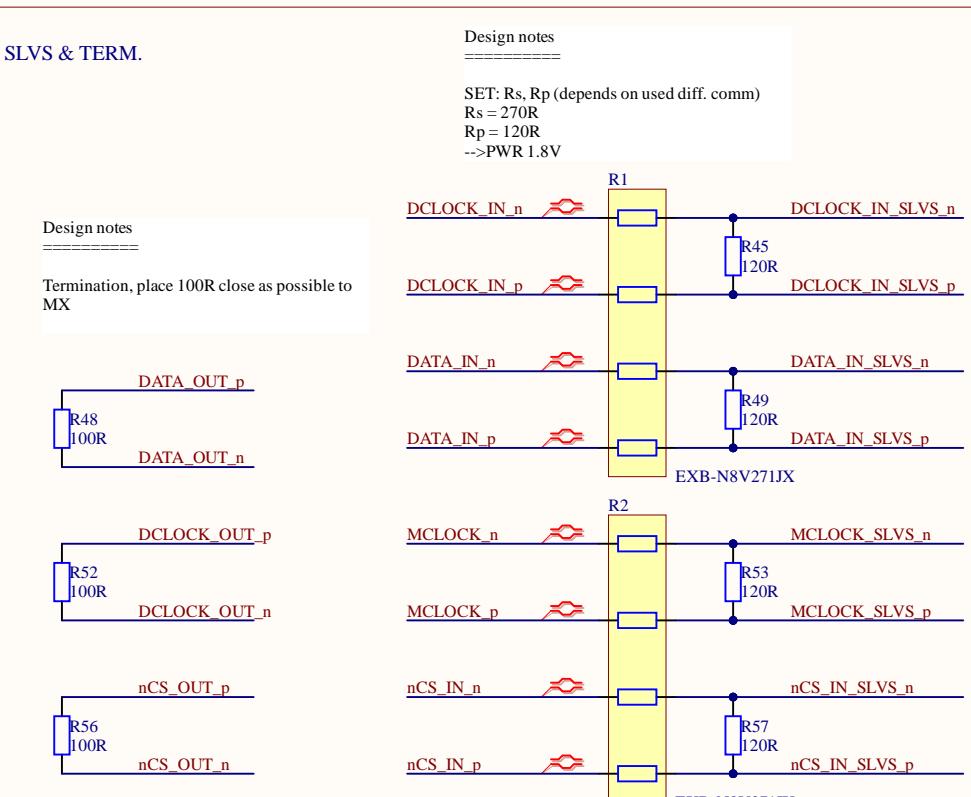
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Project: tpx2min.PnjPcb	
	Author: *
Sheet: 5 of 8	Version: v1

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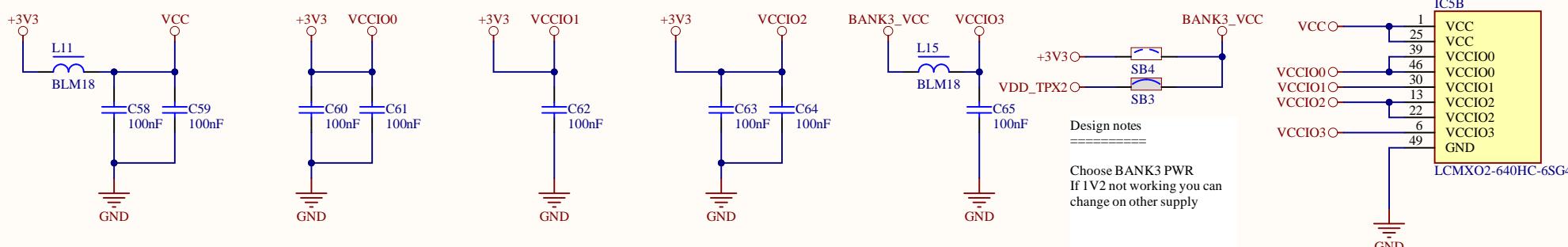
MACHXO2



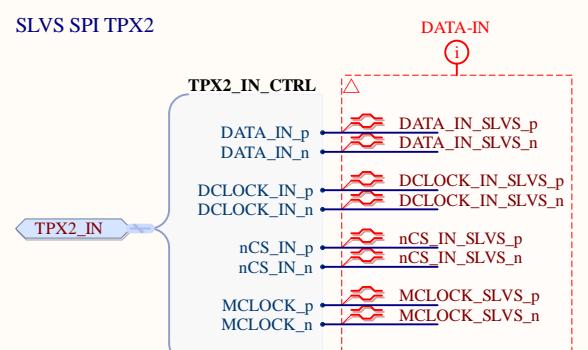
SLVS & TERM.



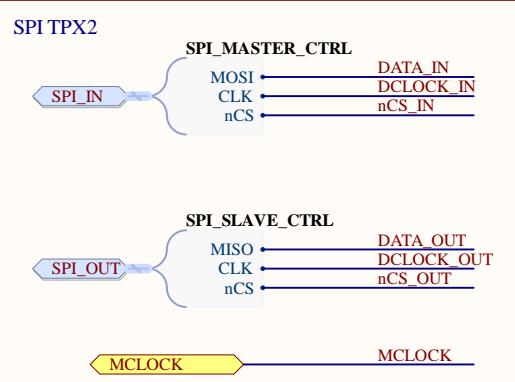
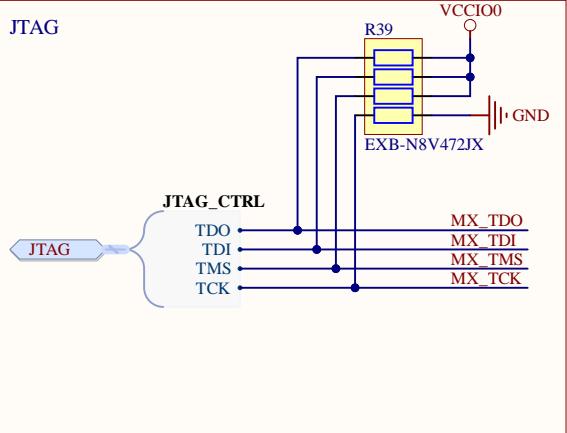
MX PWR



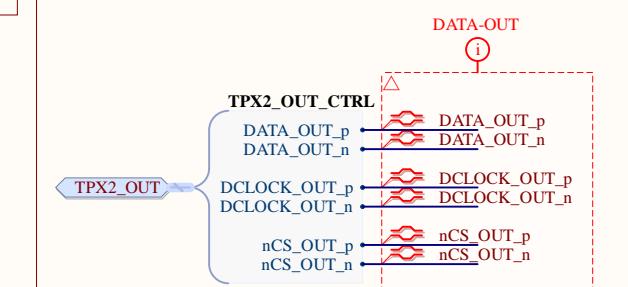
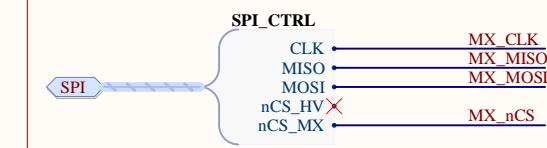
SLVS SPI TPX2

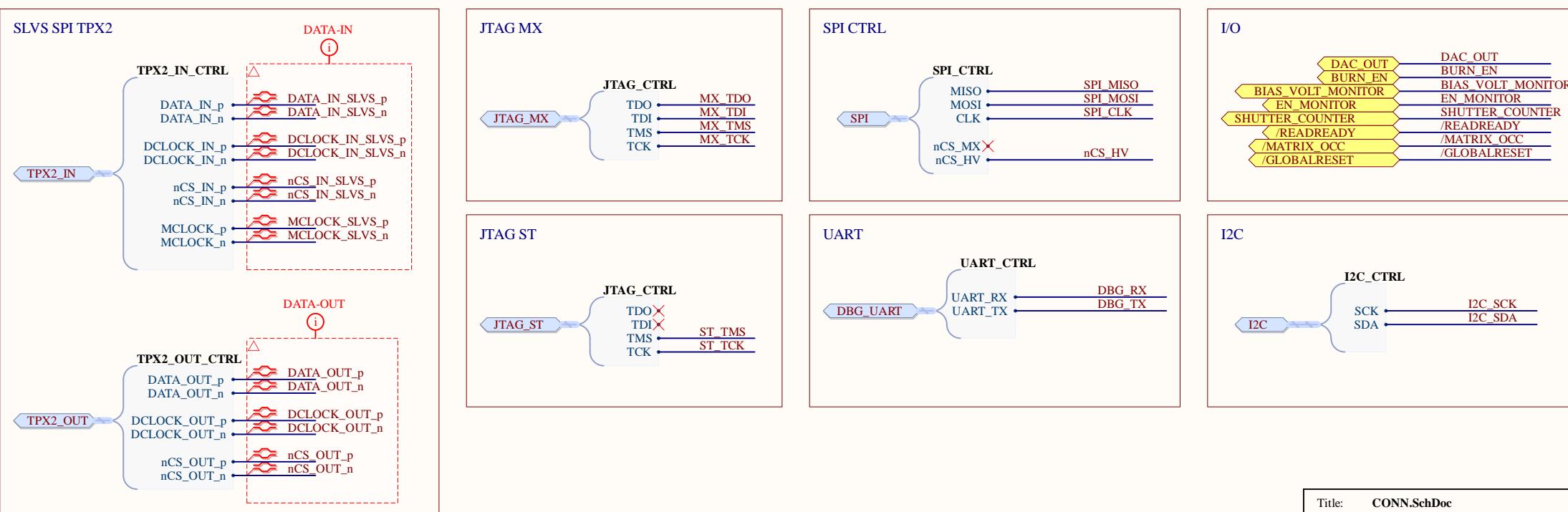
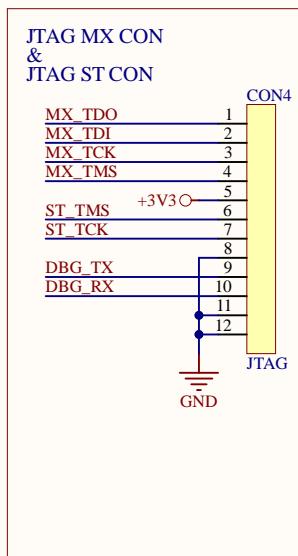
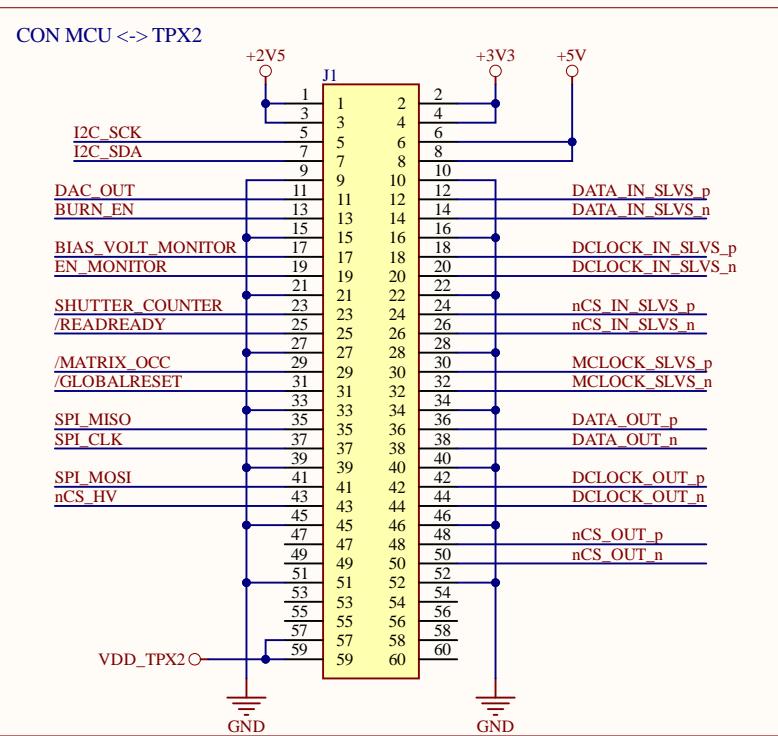


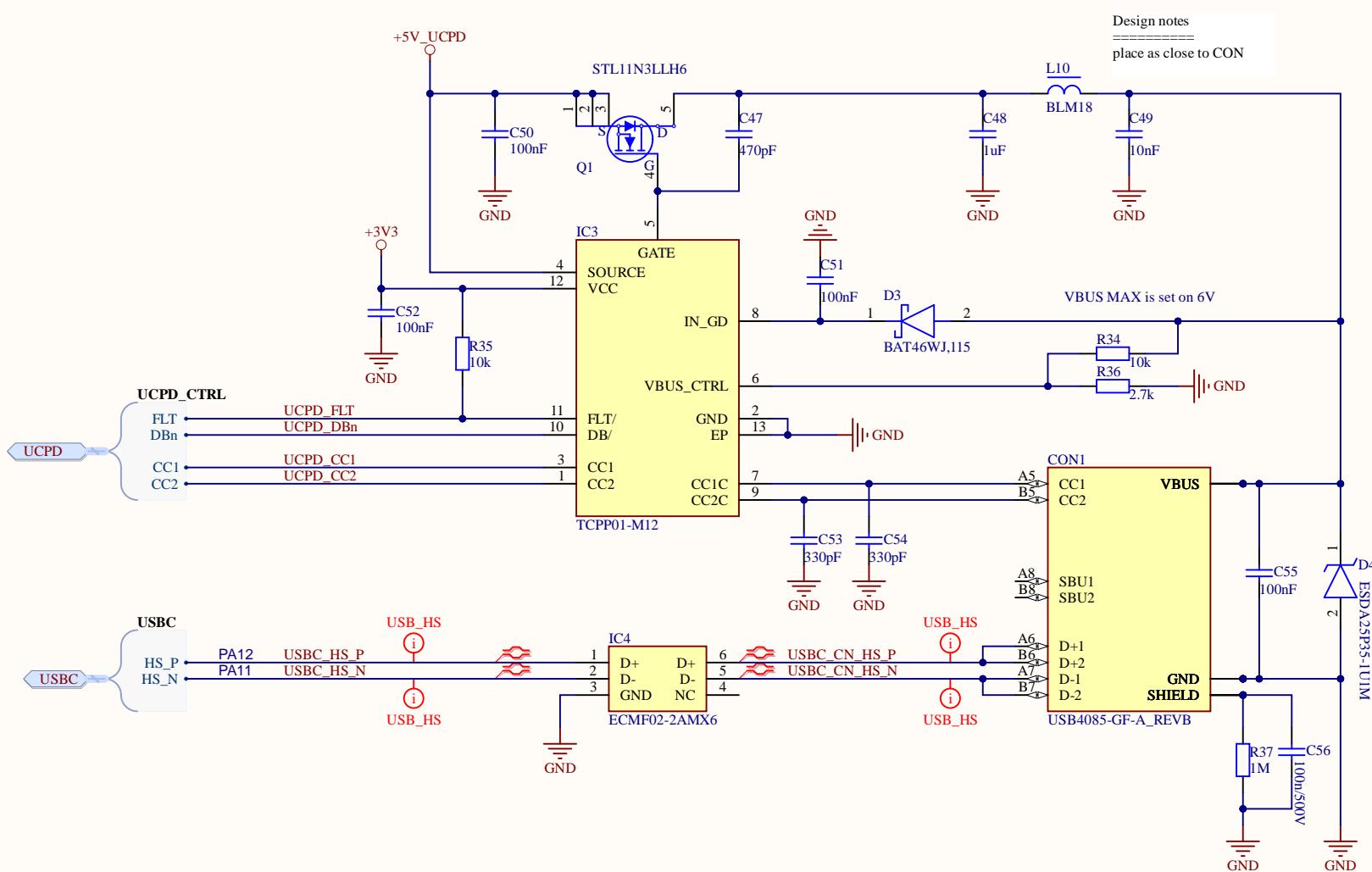
JTAG



SPI CONFIG MX







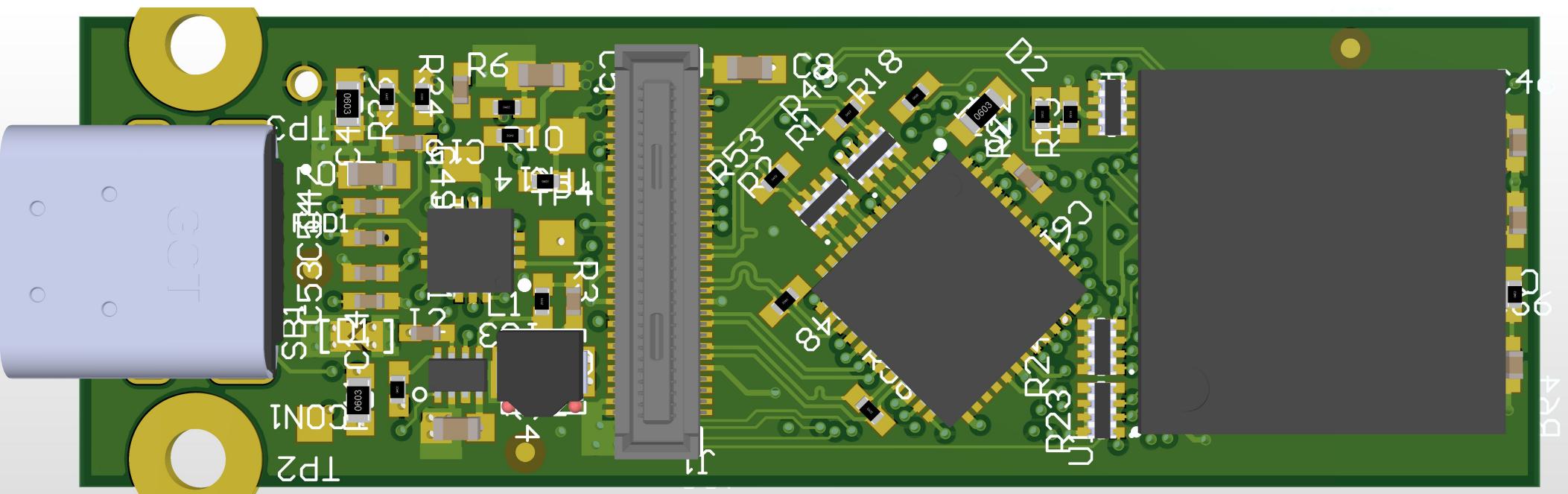
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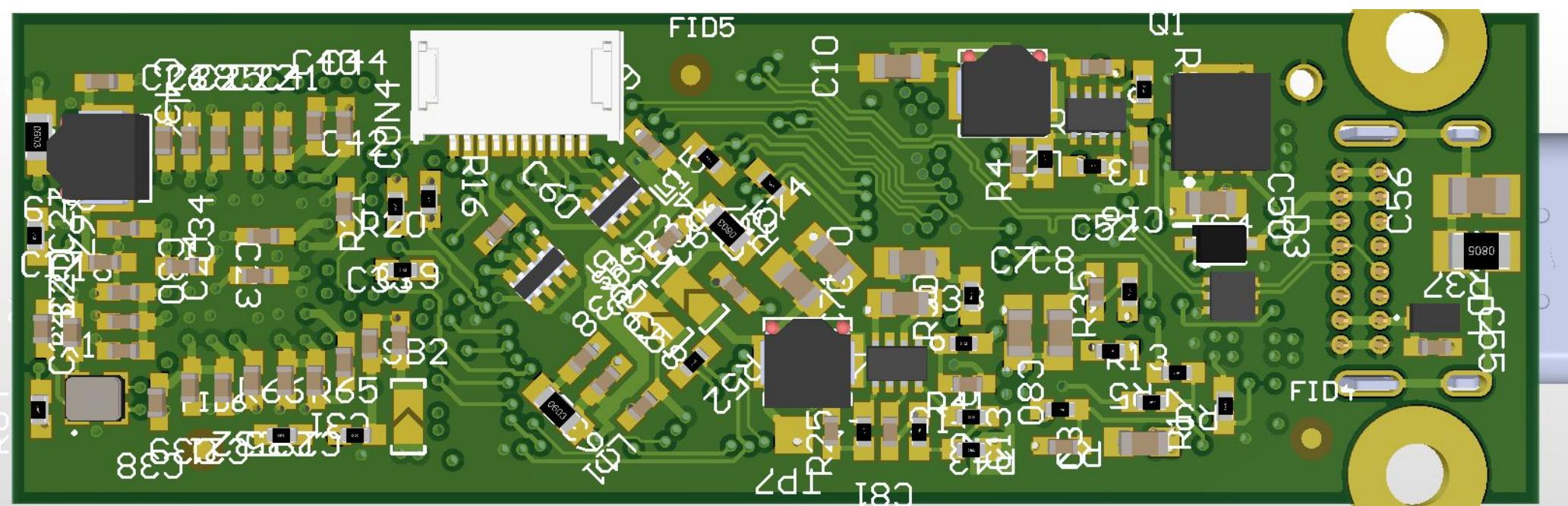
Project: tpx2min.PnjPcb

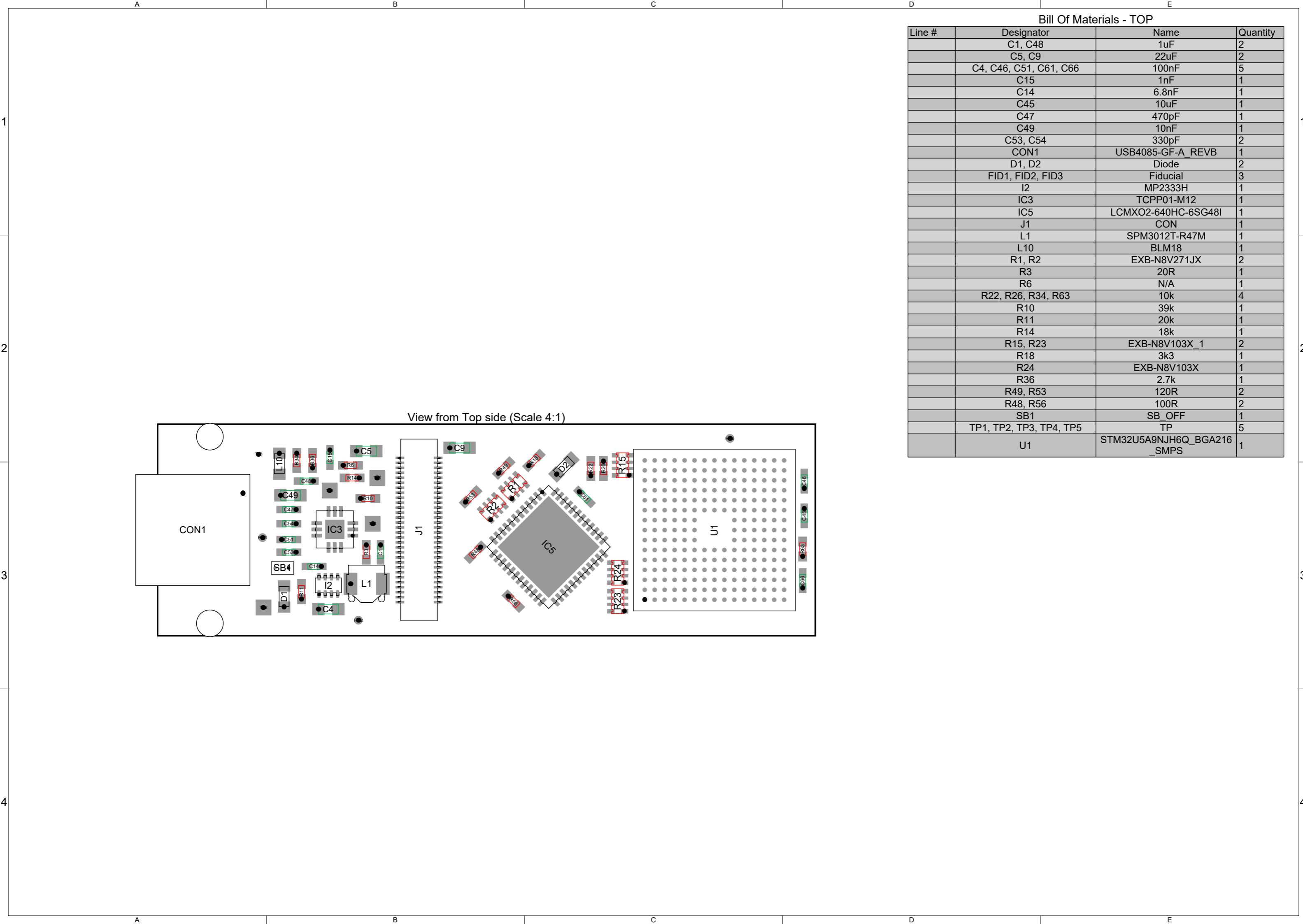


Author: *

Sheet: 8 of 8 Version: v1



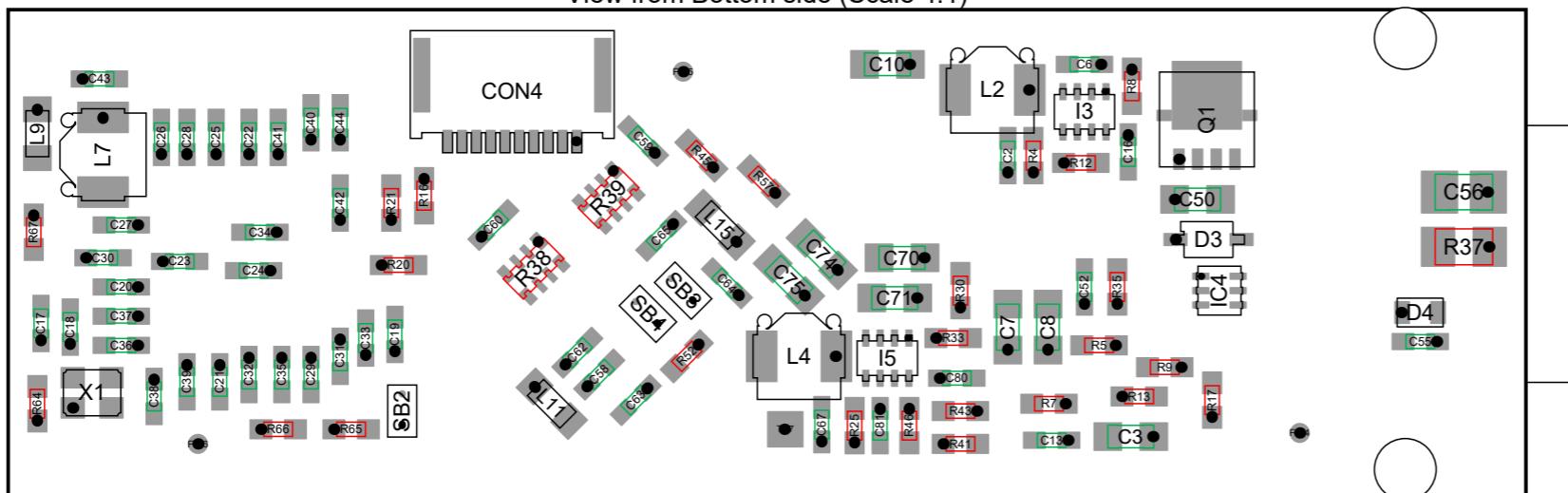




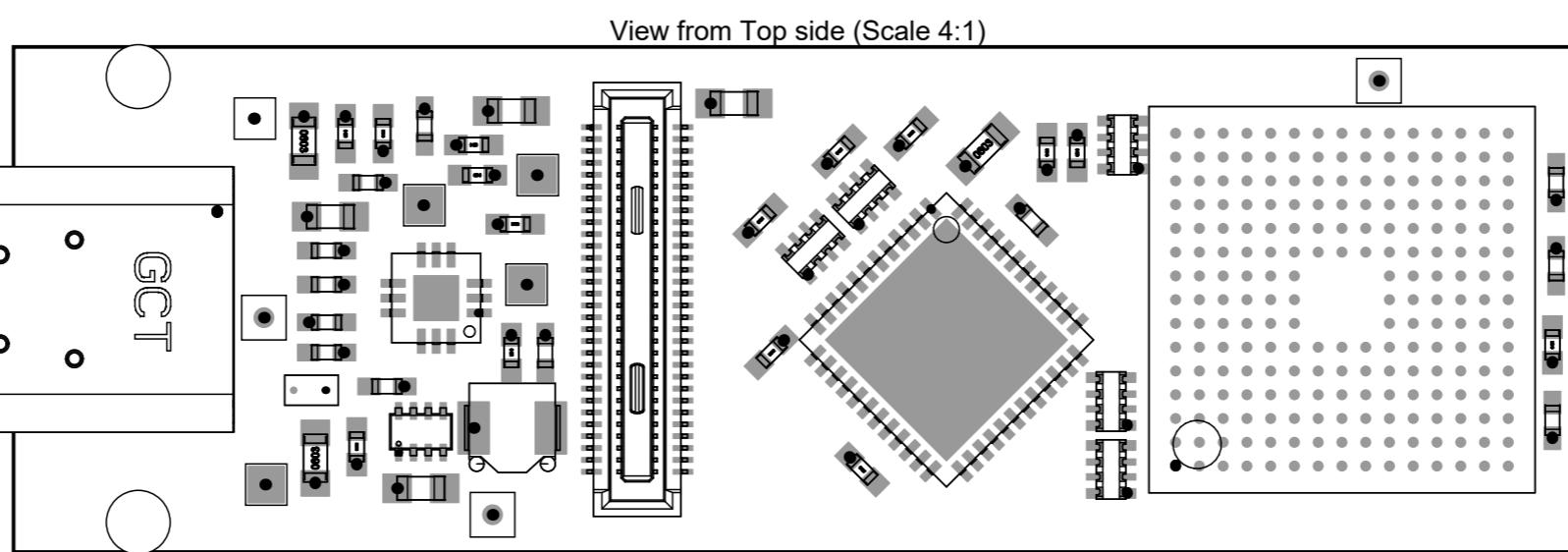
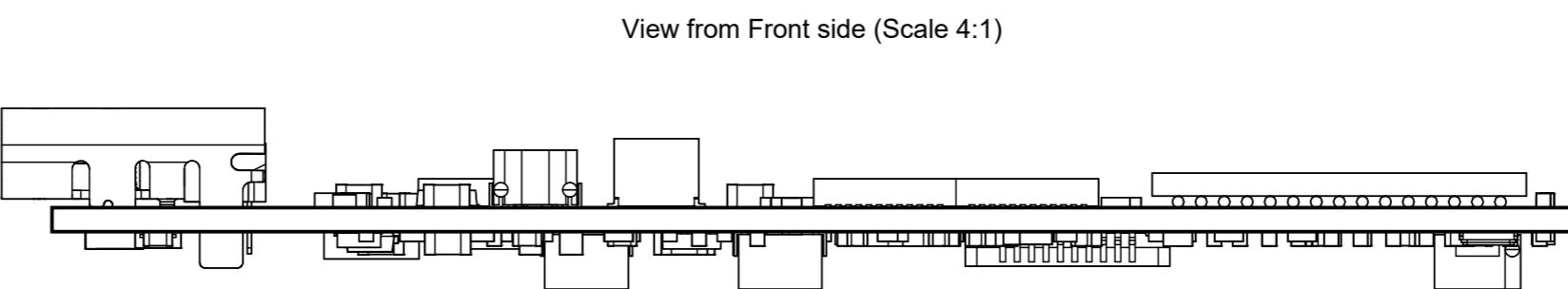
Bill Of Materials - BOT

Line #	Designator	Name	Quantity
	C2, C36, C38, C43, C67	1uF	5
	C3, C7, C8, C10, C70, C74, C75	22uF	7
	C6, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C31, C32, C33, C34, C35, C37, C39, C41, C42, C44, C50, C52, C55, C58, C59, C60, C62, C63, C64, C65, C71	100nF	32
	C13, C80	1nF	2
	C16, C81	6.8nF	2
	C17, C18	10pF	2
	C19	10uF	1
	C30	20pF	1
	C40	4.7uF	1
	C56	100n/500V	1
	CON4	JTAG	1
	D3	BAT46WJ,115	1
	D4	ESDA25P35-1U1M	1
	FID4, FID5, FID6	Fiducial	3
	I3, I5	MP2333H	2
	IC4	ECMF02-2AMX6	1
	L2, L4	SPM3012T-R47M	2
	L7	SPM3012T-2R2M	1
	L9, L11, L15	BLM18	3
	Q1	STL11N3LLH6	1
	R4, R25	20R	2
	R5	560k	1
	R30, R64, R65	N/A	3
	R7, R8, R16, R33, R35, R66, R67	10k	7
	R9, R41	39k	2
	R12	20k	1
	R13	13k	1
	R17	3k3	1
	R20, R21	3.3k	2
	R37	1M	1
	R38, R39	EXB-N8V472JX	2
	R43	30k	1
	R45, R57	120R	2
	R46	82k	1
	R52	100R	1
	SB4	SB_OFF	1
	SB2, SB3	SB_ON	2
	TP7	TP	1
	X1	32MHZ 10PF	1

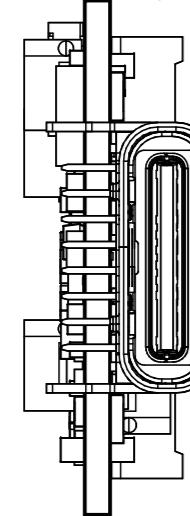
View from Bottom side (Scale 4:1)



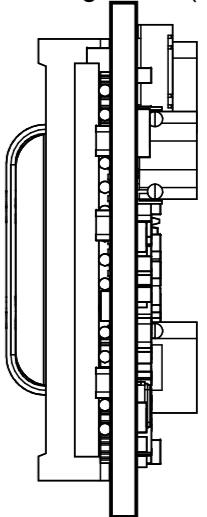
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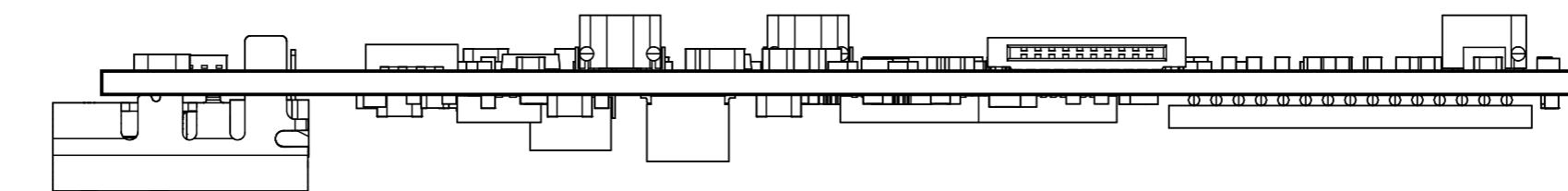
View from Left side (Scale 4:1)



View from Right side (Scale 4:1)



View from Back side (Scale 4:1)



A

B

C

D

E

1

2

3

4

A

B

C

D

E

