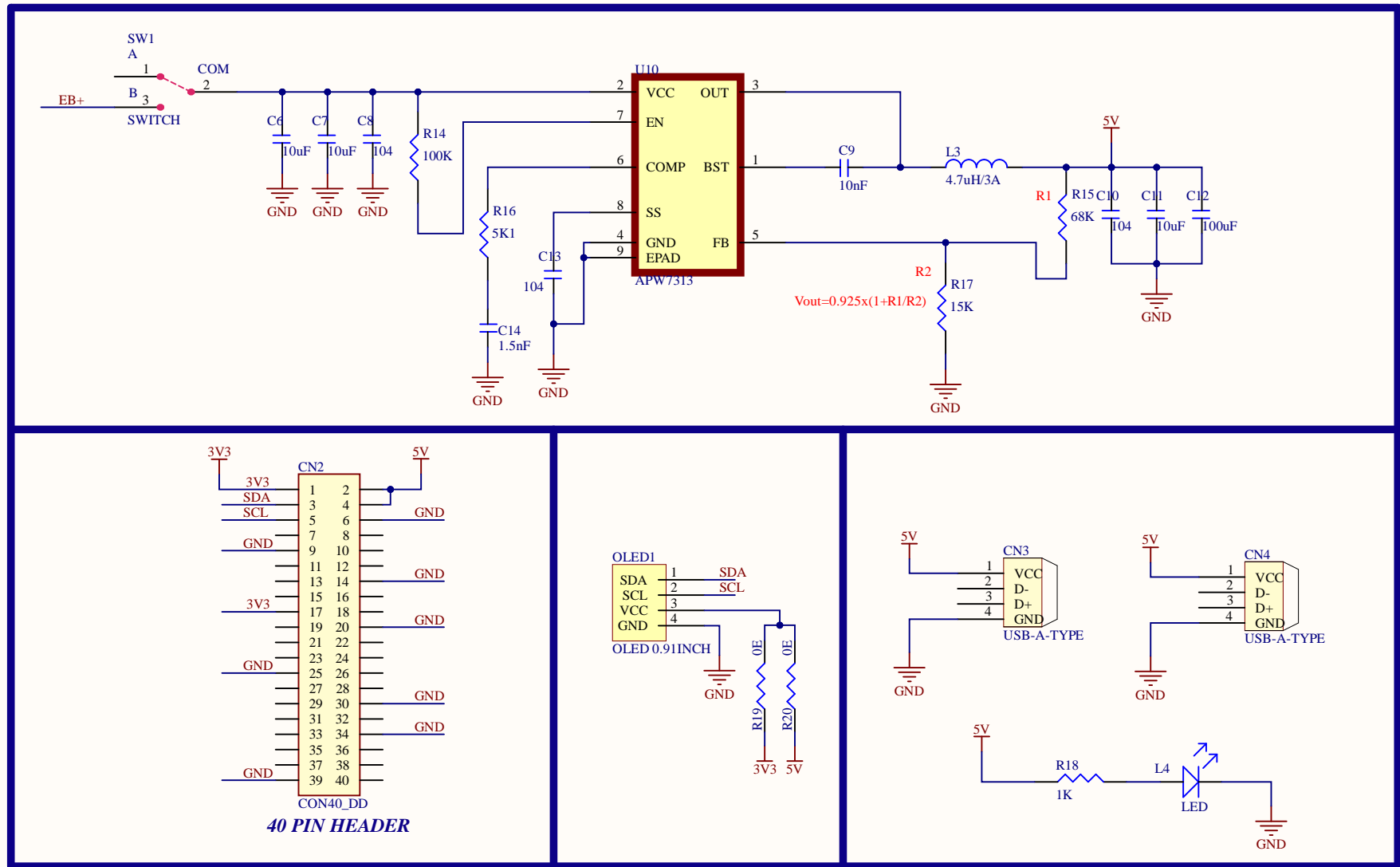
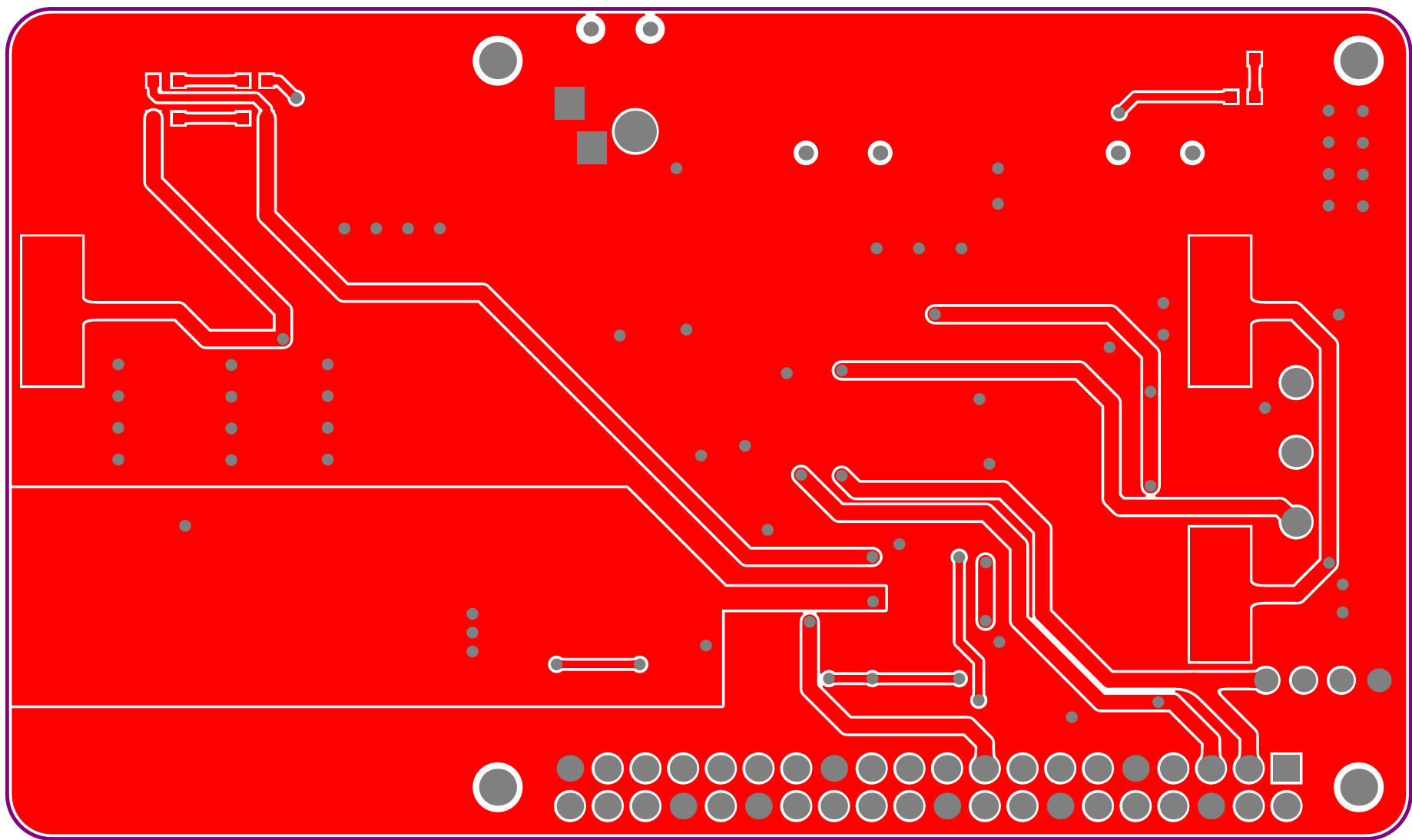
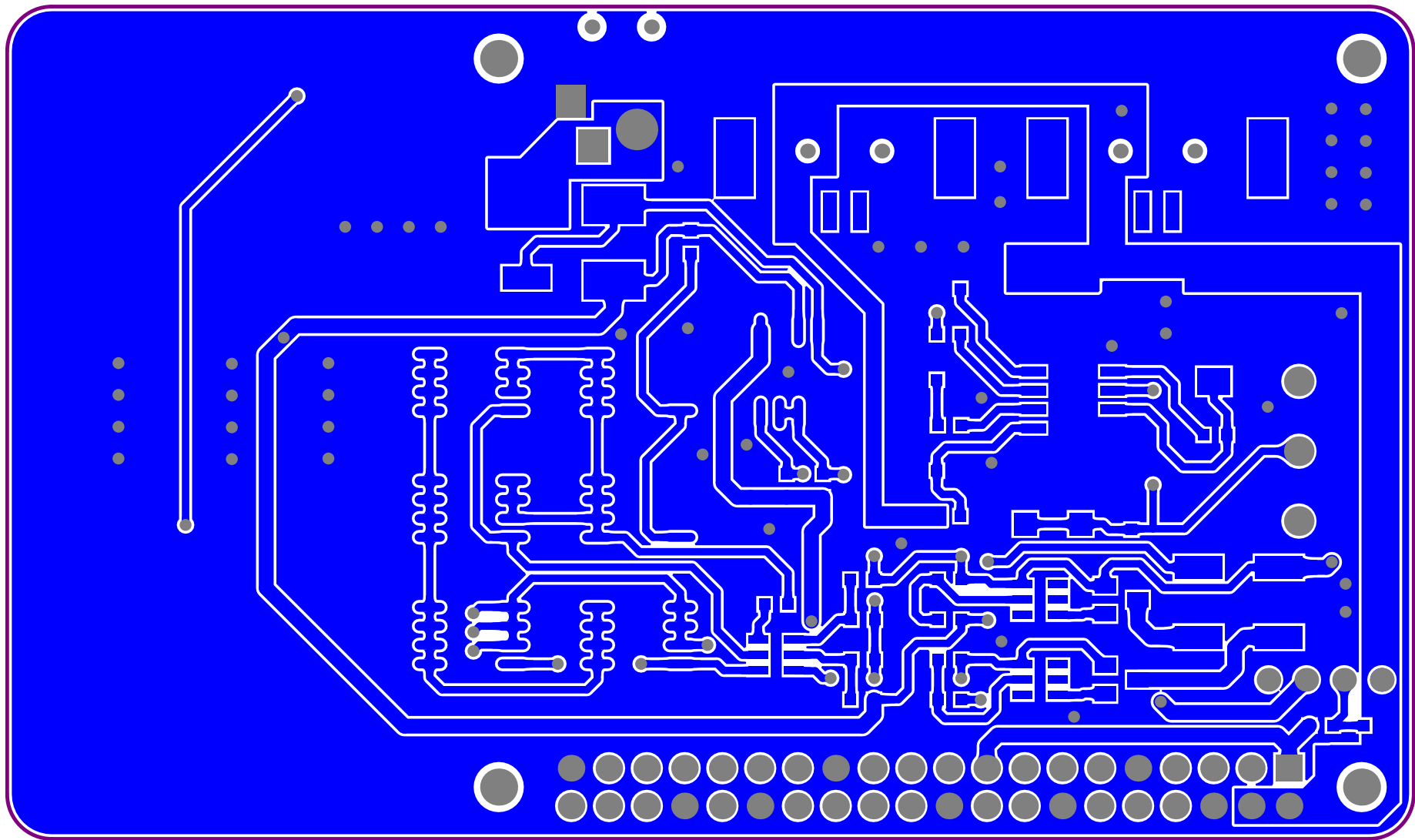


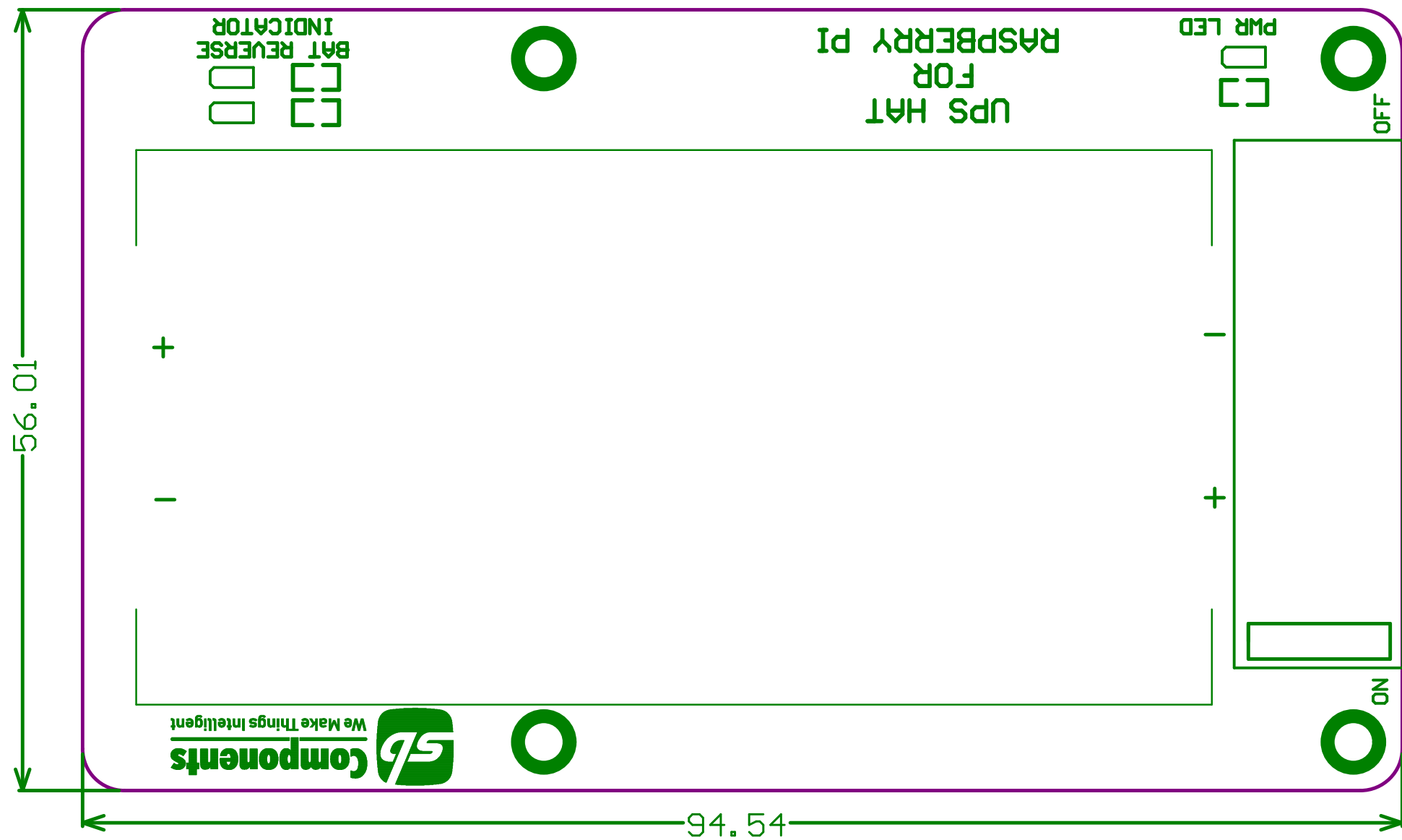
UPS HAT OLED			
Size: A4	Revision: V2.4	Sheet: 1/2	SB Component Ltd.
Date: 08-06-2022	Time: 18:02:06	DrawnBy: Deepak Singh	Kemp House, 152-160, London EC1V 2NX.









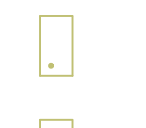




OFF

OFF \ ON

ON



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Components

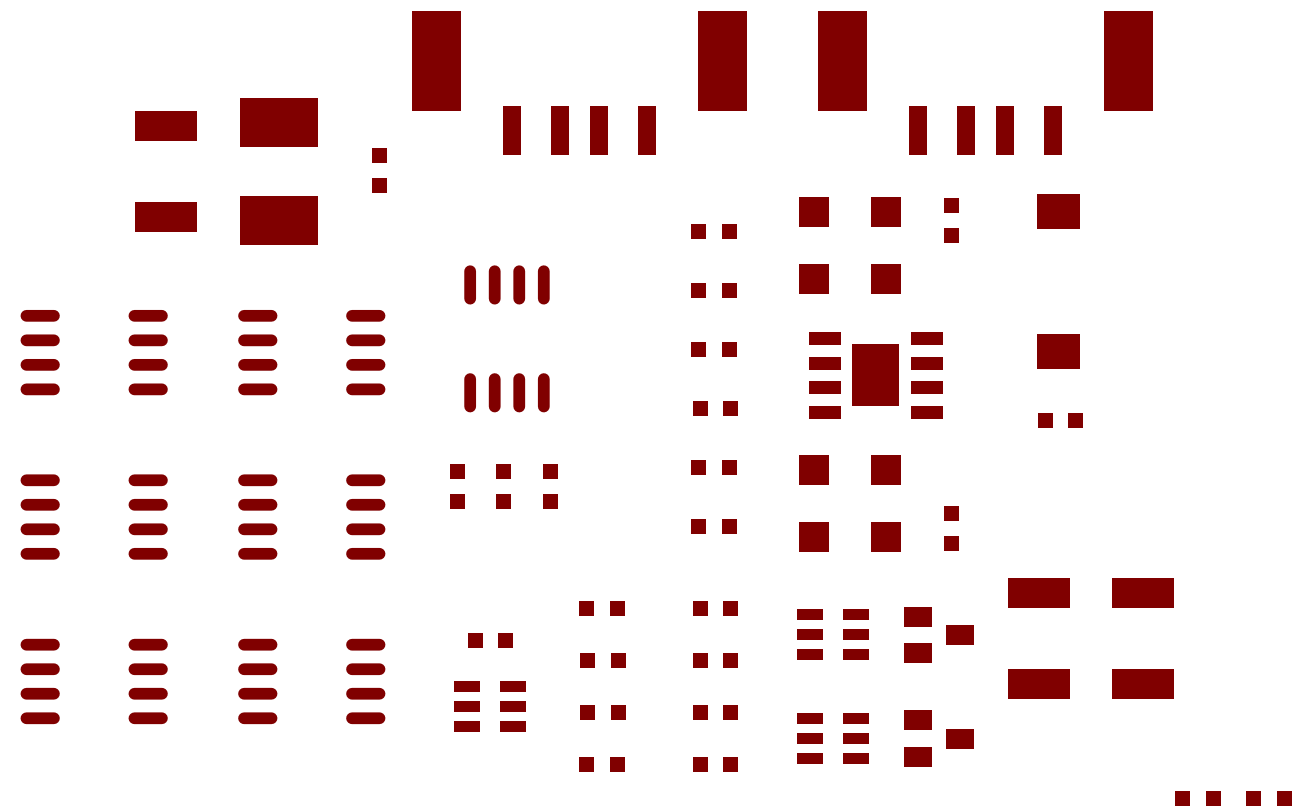
RASPBERRY PI

FOR

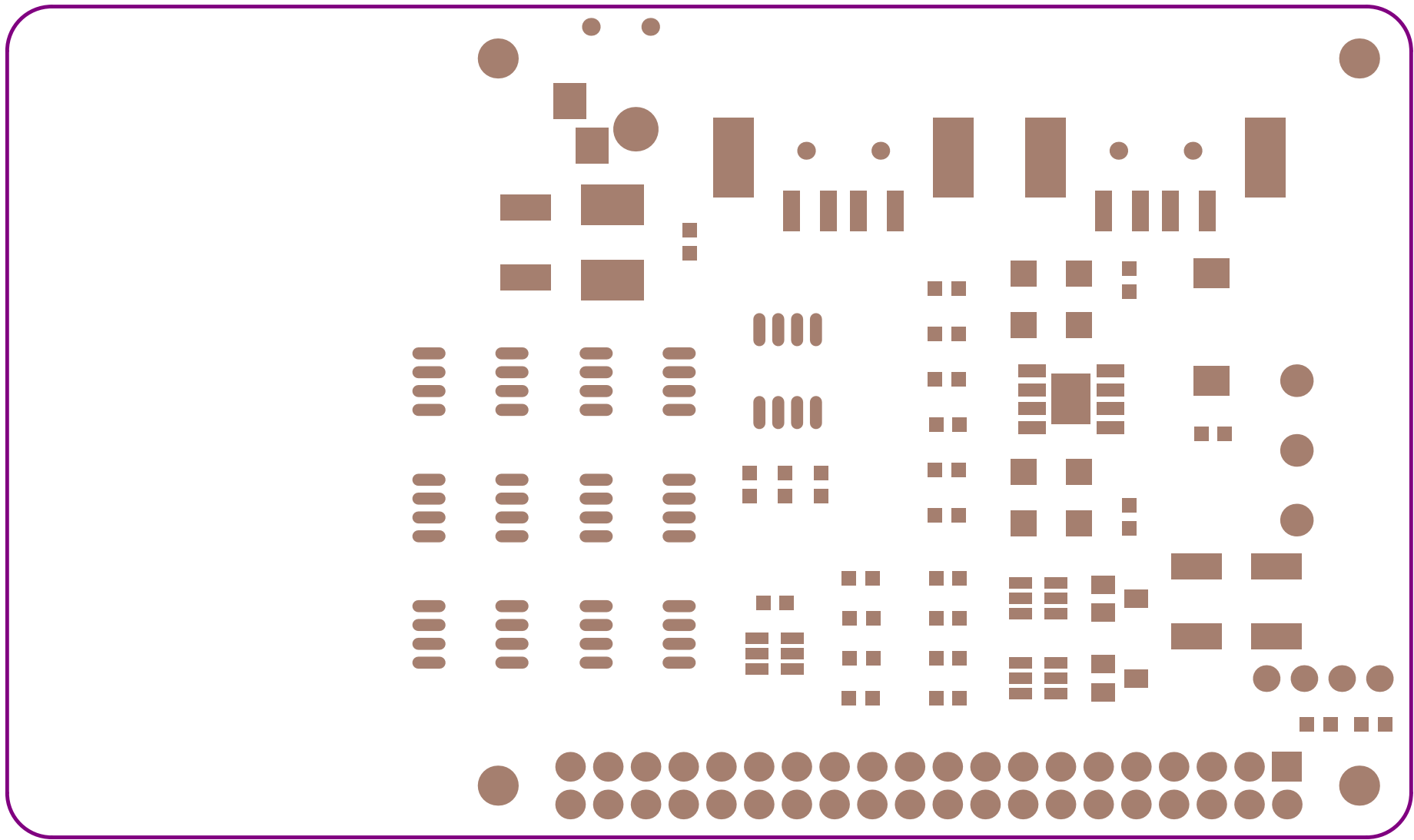
UPS HAT

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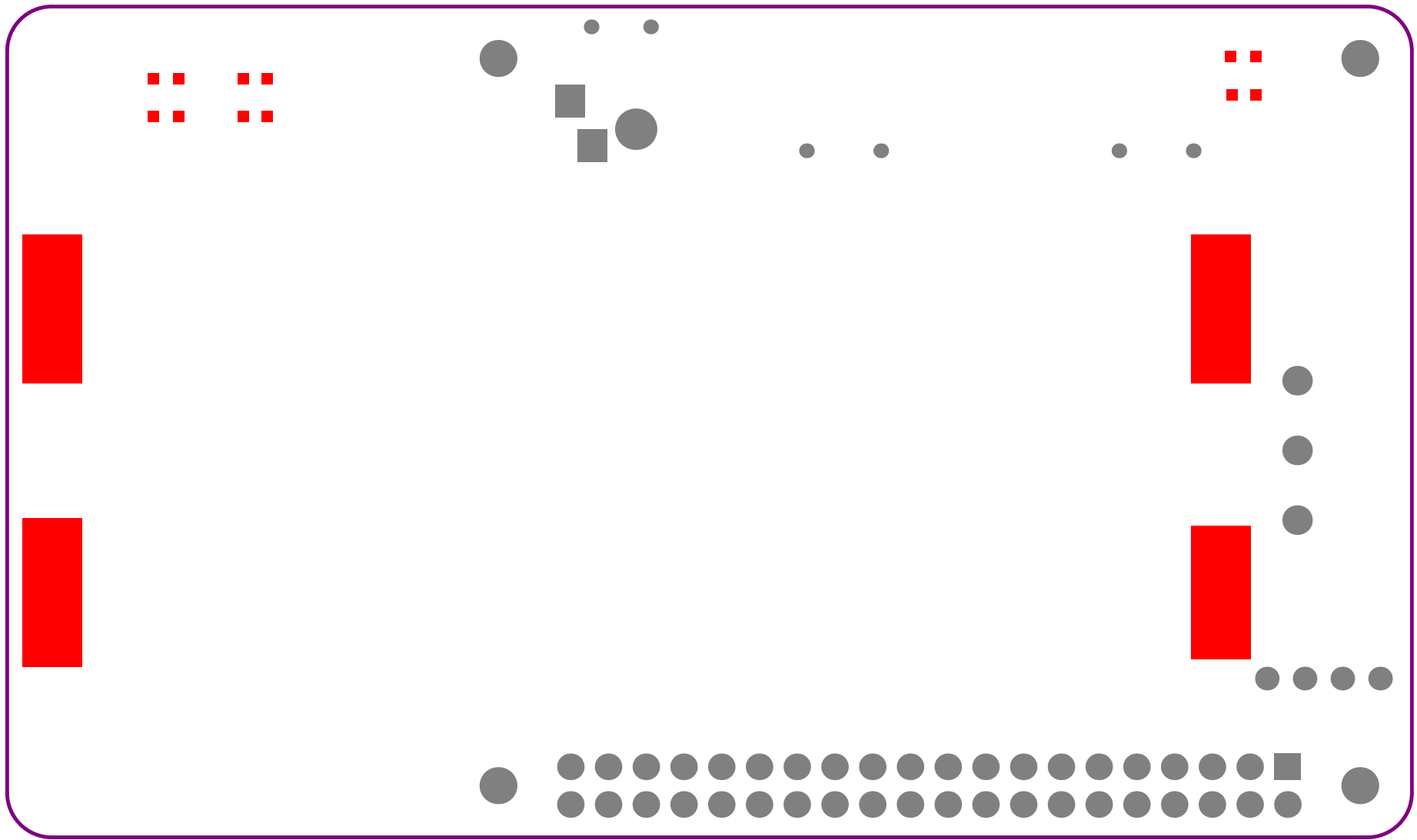


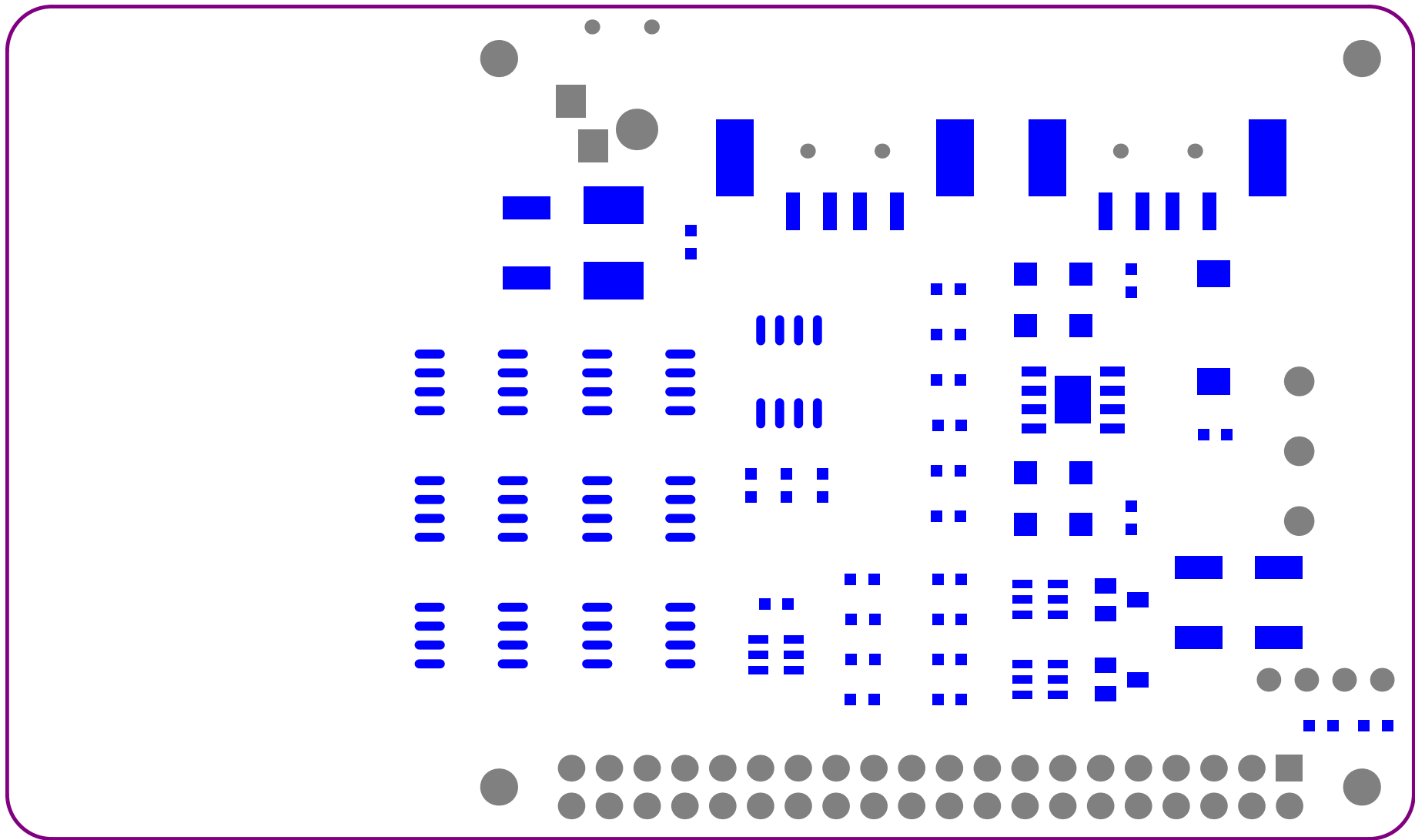




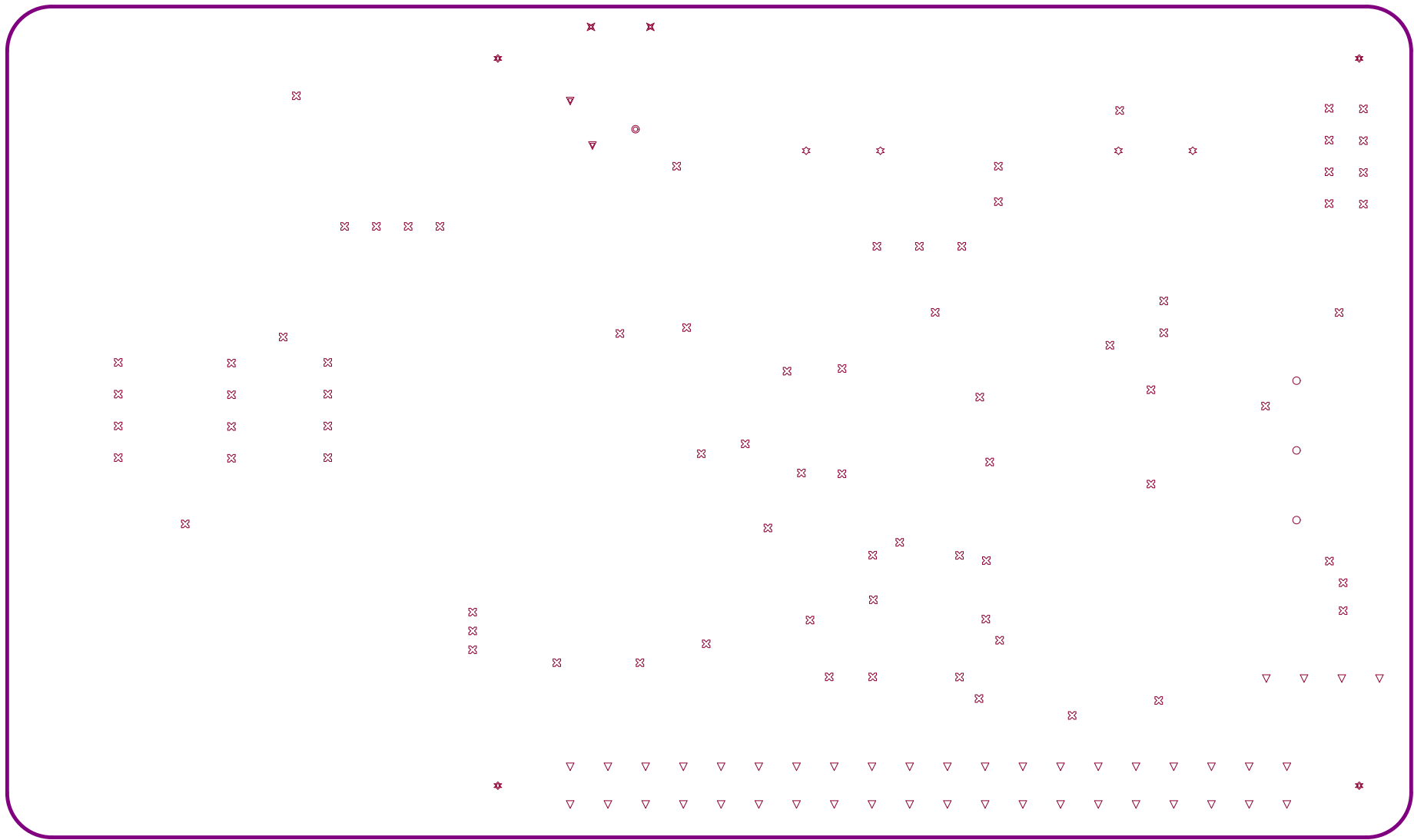


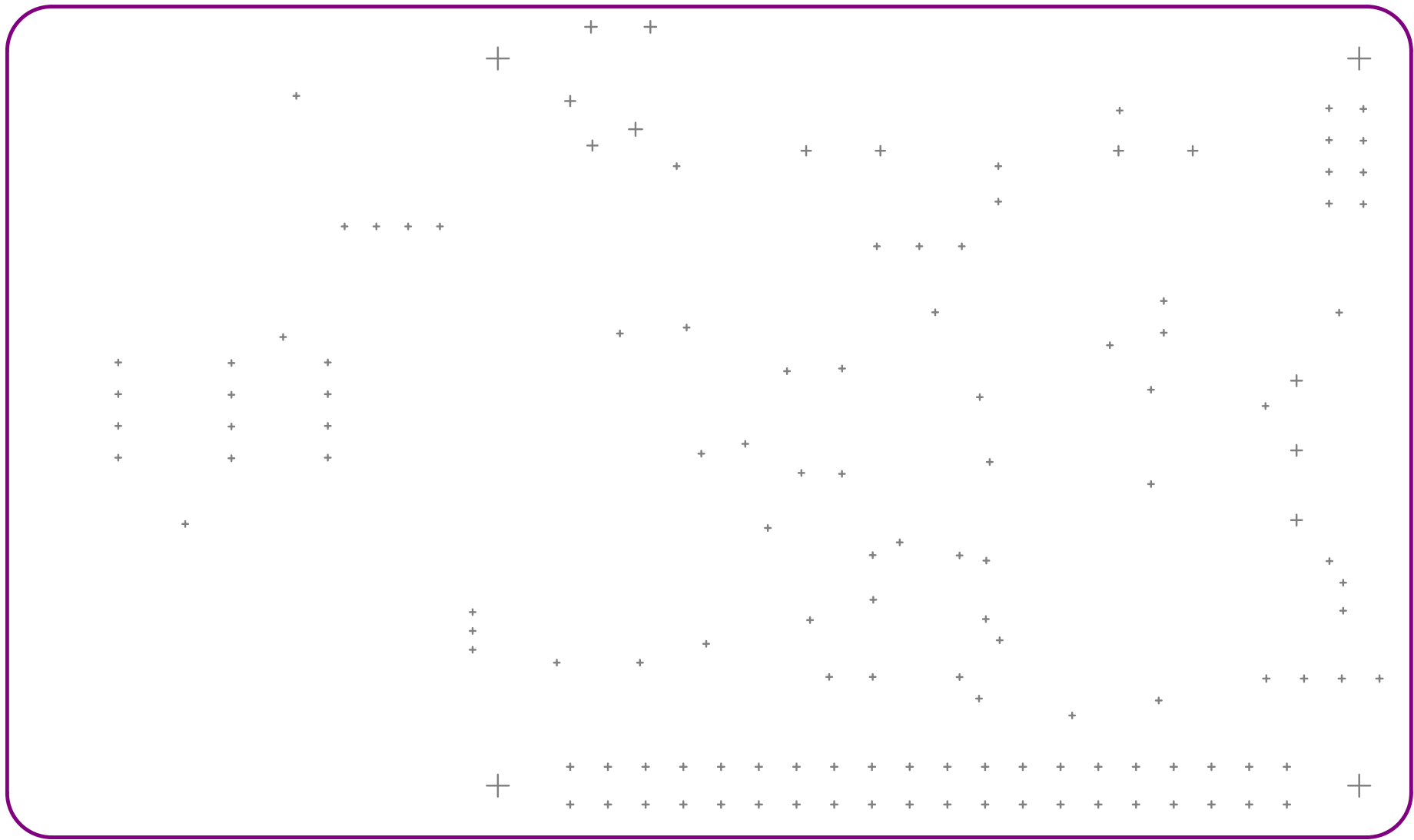












Comment	Description	Designator	Footprint	LibRef	Quantity
BATTERY 1048 DUAL	RF EMI Absorbing Sheet Q-Zorb® Silicone Rubber Non-Conductive, Single Sided 24.000_609.60mm_ X 24.000_609.60mm_ X 0.094_2.40mm_	BT1	BAT_1048P SMD	BATTERY 1048 DUAL	1
104		C1, C2, C3, C4, C5, C8, C10, C13	CAP_0603_NONPOLAR	CAP_NONPOLAR	8
10uF		C6, C7, C11	CAP_1206	CAP_NONPOLAR	3
10nF		C9	CAP_0603_NONPOLAR	CAP_NONPOLAR	1
100uF		C12	CAP_1206	CAP_NONPOLAR	1
1.5nF		C14	CAP_0603_NONPOLAR	CAP_NONPOLAR	1
DC-023	DC-023 4.0mm x 1.7mm Black DC Power Jack Socket Connector needle DC Female Jack	CN1	DC-023	DC-023	1
CON40_DD		CN2	CON40_DD_2p5mm_BOT	CON40_DD	1
USB-A-TYPE		CN3, CN4	USB A Female R/A SMT Type 4P	USB_CON	2
24V 2A 1812		F1	1812_R	FUSE 1812	1
INA219 SOIC8		INA1	SO_8_N	INA219 SOIC8	1
LED		L1, L2, L4	LED_0603_neg	LED	3
4.7uH/3A		L3	INDUCTOR_7mm	INDUCTOR	1
OLED 0.91INCH		OLED1	OLED 0.91INCH	OLED 0.91INCH	1
SI2302	N-Channel 20V 2.6A _Ta_ 710mW _Ta_ Surface Mount SOT-23-3 _TO-236_	Q1, Q2	SOT23	SI2302	2
4.7K		R1, R2	0603	RES	2
0.1R 1% 2512		R3	SHUNT RESISTOR	RES	1
330R		R4, R9	0603	RES	2
36R		R5, R10	1812_R	RES	2
2K		R6	0603	RES	1
100R		R7, R11	0603	RES	2
100K		R8, R14	0603	RES	2
10K		R12, R13	0603	RES	2
68K		R15	0603	RES	1
5K1		R16	0603	RES	1
15K		R17	0603	RES	1
1K		R18	0603	RES	1
0E		R19, R20	0603	RES	2
SWITCH		SW1	SWITCH_ON/OFF_3AMP	SWITCH_SLIDE_ON/OFF	1
AO4406A		U1, U3, U4, U7, U8, U9	SO_8_N	AO4406A	6
HY2213-BB3A		U2, U6	SOT-23-6	HY2213-BB3A	2
HY2120-OB		U5	SOT-23-6	HY2120-OB	1
APW7313	APW7313 DC-DC Converters RoHS SOP-8 PACKAGE	U10	SOP-8P	APW7313	1