

A

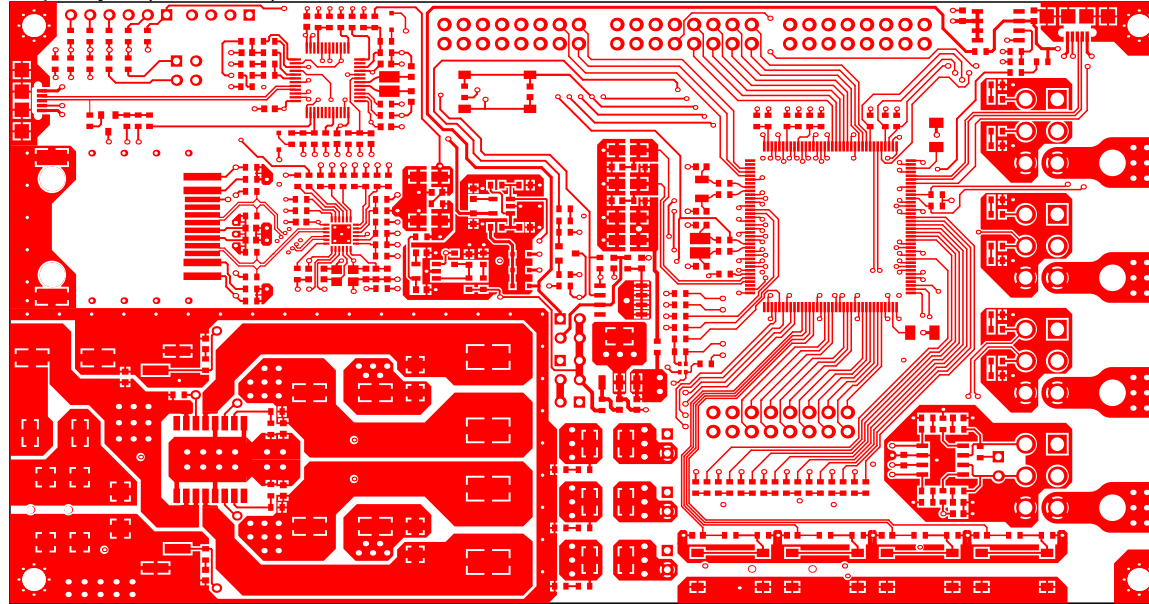
B

C

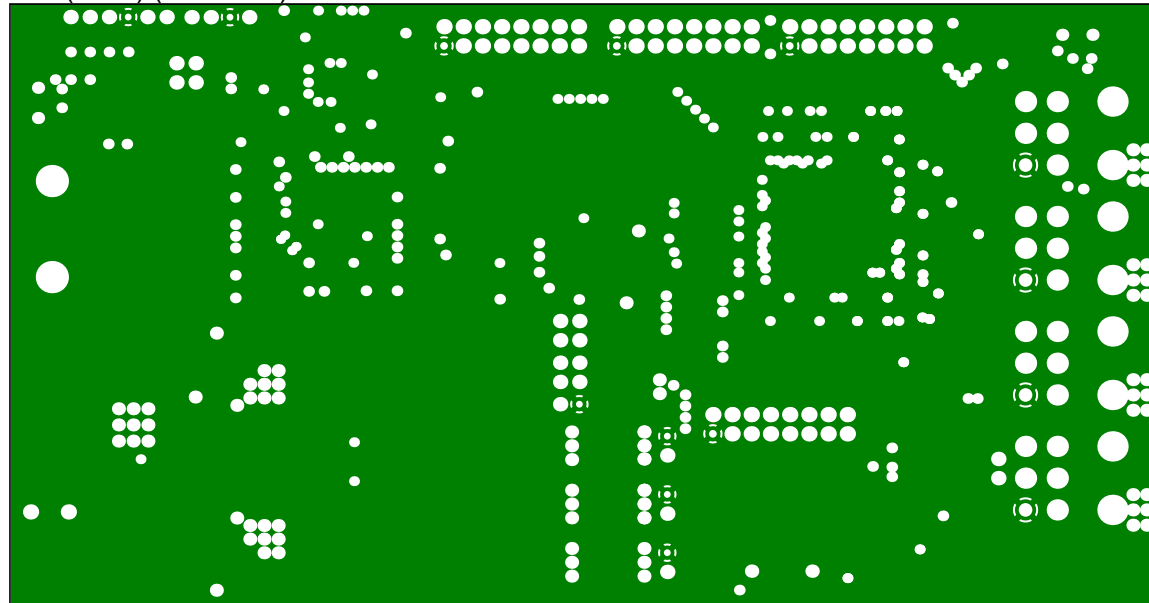
D

E

Top Layer (Scale 1:1)



Int1 (GND) (Scale 1:1)



A

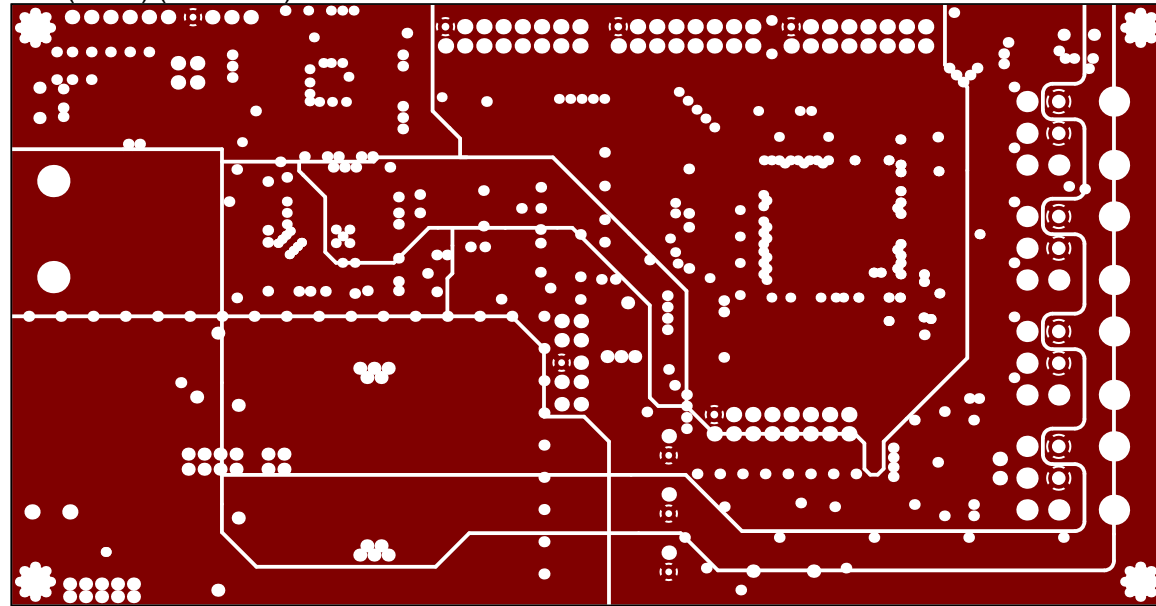
B

C

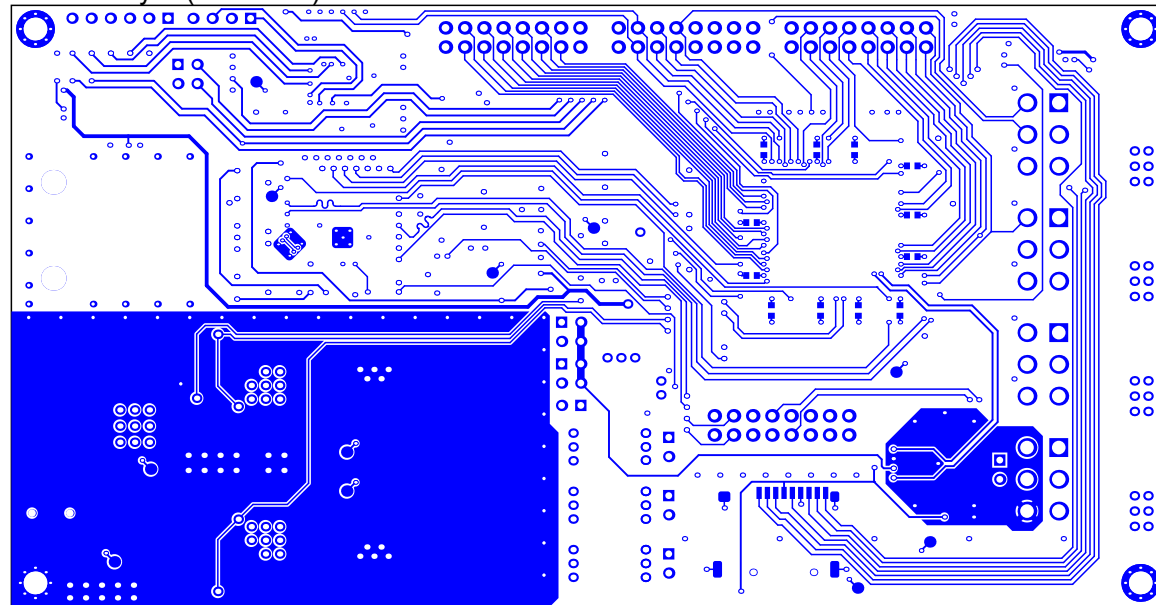
D

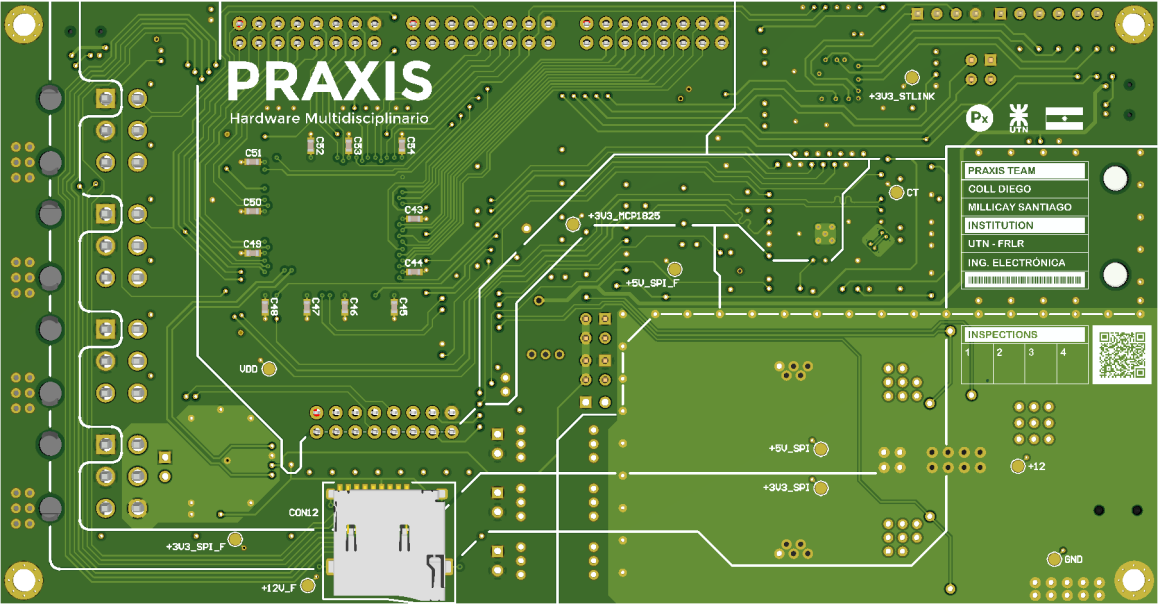
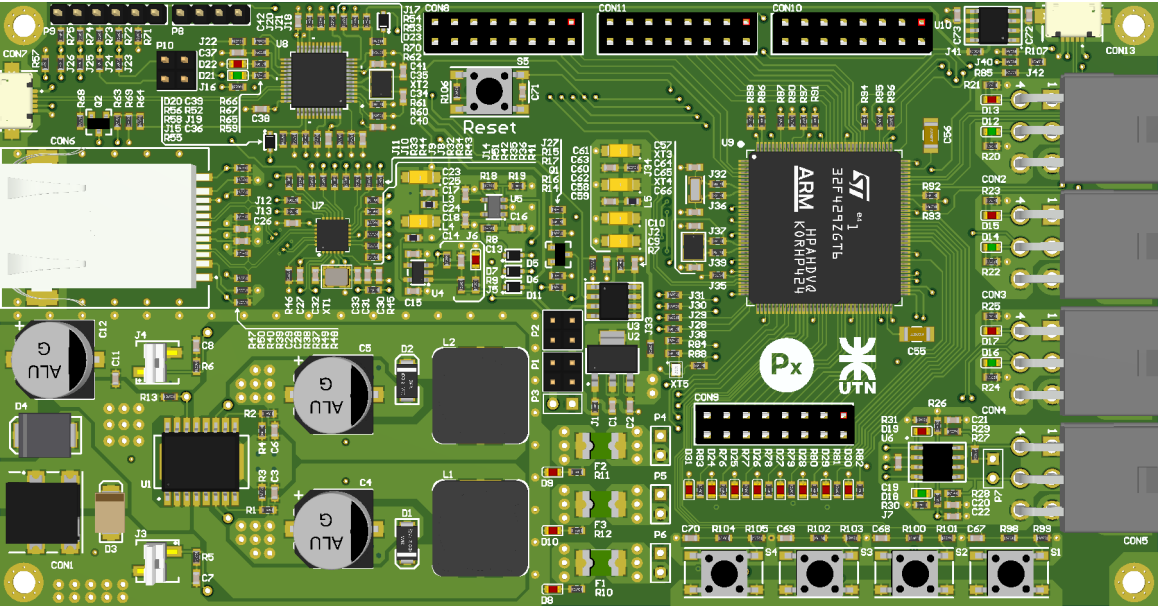
E

Int2 (PWR) (Scale 1:1)







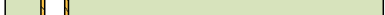
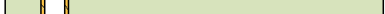







Bottom Layer (Scale 1:1)



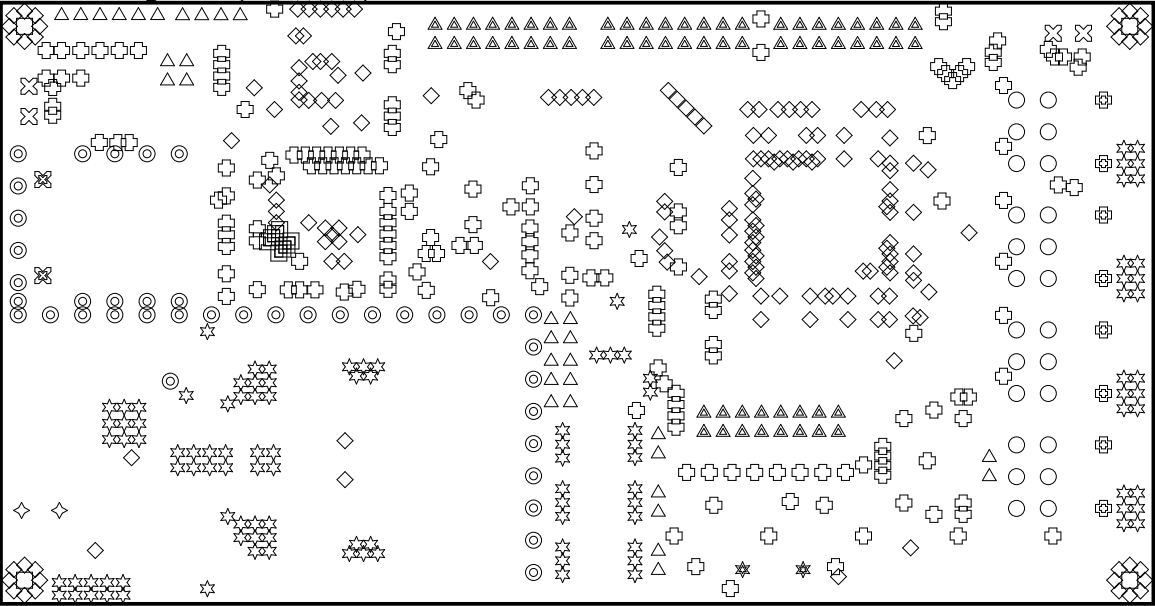




	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.025mm(1.000mil)	SM-001	Solder Mask	GTS
	PbSn	Top Surface Finish	0.020mm(0.787mil)		Surface Finish	
	CF-004	Top Layer	0.035mm(1.378mil)		Signal	GTL
	Prepreg		0.107mm(4.200mil)	PP-014	Dielectric	
	CF-003	Int1 (GND)	0.018mm(0.709mil)		Internal Plane	GP1
	Core		1.265mm(49.803mil)	Core-042	Dielectric	
	CF-003	Int2 (PWR)	0.018mm(0.709mil)		Internal Plane	GP2
	Prepreg		0.107mm(4.200mil)	PP-014	Dielectric	
	CF-004	Bottom Layer	0.035mm(1.378mil)		Signal	GBL
	PbSn	Bottom Surface Finish	0.020mm(0.787mil)		Surface Finish	
	Surface Material	Bottom Solder	0.025mm(1.000mil)	SM-001	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
Total thickness: 1.675mm(65.951mil)						

Total thickness: 1.675mm(65.951mil)

Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
□	8	0.20mm	Plated	
◇	182	0.30mm	Plated	
⊕	184	0.40mm	Plated	
◎	40	0.45mm	Plated	
⊗	4	0.60mm	Non-Plated	
☆	111	0.71mm	Plated	
★	2	0.76mm	Plated	
△	32	0.90mm	Plated	
◊	2	1.00mm	Non-Plated	
▲	64	1.02mm	Plated	
○	24	1.80mm	Plated	
⊞	8	3.00mm	Non-Plated	
□	4	3.00mm	Plated	
⊗	2	3.25mm	Non-Plated	
	667 Total			

Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1	Cap Semi	1
2	C2, C9, C10, C13, C15, C16, C30	Cap Semi	7
3	C3, C6, C7, C8, C11, C14, C19, C22, C25, C26, C27, C28, C29, C36, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C62, C63, C67, C68, C69, C70, C71	Cap Semi	38
4	C4, C5	EEEF1E471P	2
5	C12	EEEF1H221P	1
6	C17	Cap Semi	1
7	C18, C72, C73	Cap Semi	3
8	C20, C21	Cap Semi	2
9	C23, C24	TANT	2
10	C31	Cap Semi	1
11	C32, C33	Cap Semi	2
12	C34, C35	Cap Semi	2
13	C37	Cap Semi	1
14	C55, C56	CAP CER 2.2UF 10V X7R 1206	2
15	C57, C64, C65, C66	Cap Semi	4
16	C58, C59	TANT	2
17	C60, C61	Tant	2
18	CON1	PWR JACK	1
19	CON2, CON3, CON4, CON5	CONN_HEADER_RA_6POS	4
20	CON6	ARJE-0034	1
21	CON7	USB_SOHANTECH	1
22	CON8, CON9, CON10, CON11	Header - 16 pins - 2.54mm pitch	4
23	CON12	Micro SD socket	1
24	CON13	USB_SOHANTECH	1
25	D1, D2	SS26SHE3_A/H	2
26	D3	P6SMB13CA	1
27	D4	Diodo schottky	1
28	D5, D6, D11	PMEG1030EJ	3
29	D7, D8, D9, D10	LTST-C191KRKT	4
30	D12, D14, D16, D18	LTST-C191TGKT	4
31	D13, D15, D17, D19	LTST-C191KRKT	4
32	D20, D23	PMEG1030EJ	2
33	D21	LTST-C191TGKT	1
34	D22	LTST-C191KRKT	1
35	D24, D25, D26, D27, D28, D29, D30, D31	LTST-C191KRKT	8

Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1	Cap Semi	1
2	C2, C9, C10, C13, C15, C16, C30	Cap Semi	7
3	C3, C6, C7, C8, C11, C14, C19, C22, C25, C26, C27, C28, C29, C36, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C62, C63, C67, C68, C69, C70, C71	Cap Semi	38
4	C4, C5	EEEF1E471P	2
5	C12	EEEF1H221P	1
6	C17	Cap Semi	1
7	C18, C72, C73	Cap Semi	3
8	C20, C21	Cap Semi	2
9	C23, C24	TANT	2
10	C31	Cap Semi	1
11	C32, C33	Cap Semi	2
12	C34, C35	Cap Semi	2
13	C37	Cap Semi	1
14	C55, C56	CAP CER 2.2UF 10V X7R 1206	2
15	C57, C64, C65, C66	Cap Semi	4
16	C58, C59	TANT	2
17	C60, C61	Tant	2
18	CON1	PWR JACK	1
19	CON2, CON3, CON4, CON5	CONN_HEADER_RA_6POS	4
20	CON6	ARJE-0034	1
21	CON7	USB_SOHANTECH	1
22	CON8, CON9, CON10, CON11	Header - 16 pins - 2.54mm pitch	4
23	CON12	Micro SD socket	1
24	CON13	USB_SOHANTECH	1
25	D1, D2	SS26SHE3_A/H	2
26	D3	P6SMB13CA	1
27	D4	Diodo schottky	1
28	D5, D6, D11	PMEG1030EJ	3
29	D7, D8, D9, D10	LTST-C191KRKT	4
30	D12, D14, D16, D18	LTST-C191TGKT	4
31	D13, D15, D17, D19	LTST-C191KRKT	4
32	D20, D23	PMEG1030EJ	2
33	D21	LTST-C191TGKT	1
34	D22	LTST-C191KRKT	1
35	D24, D25, D26, D27, D28, D29, D30, D31	LTST-C191KRKT	8

[illegible]