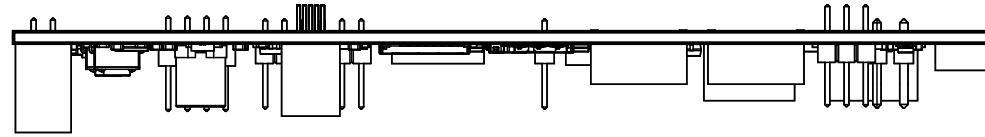
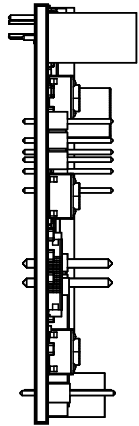


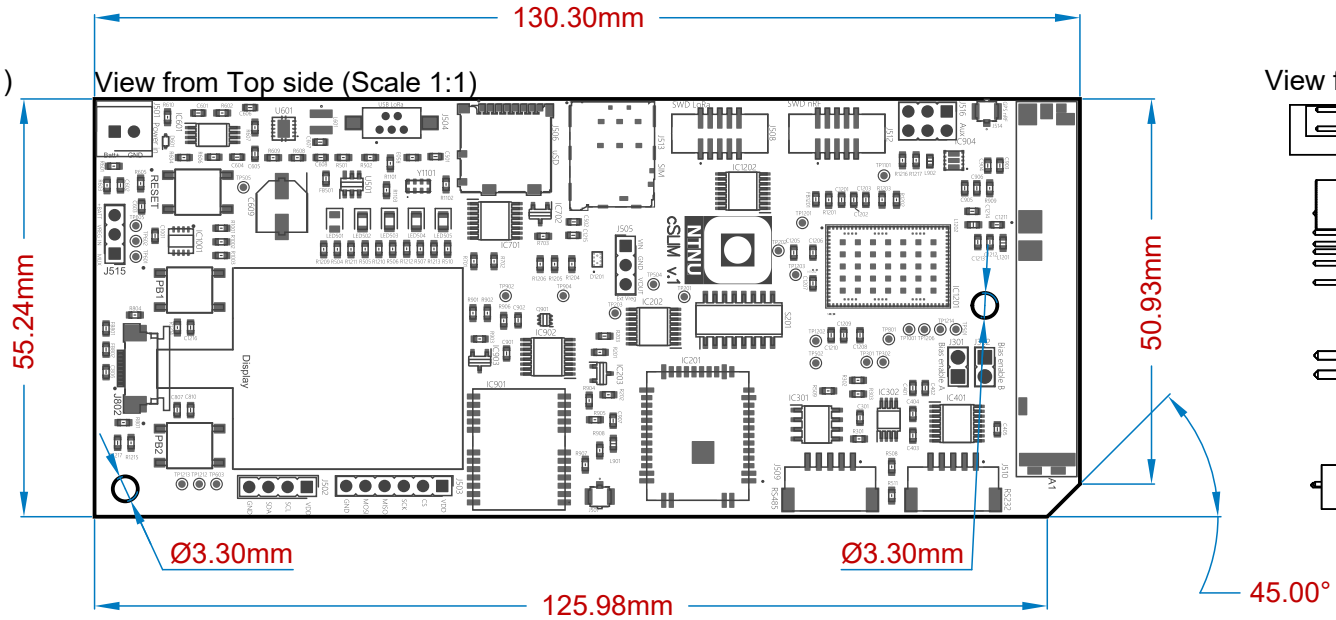
View from Back side (Scale 1:1)



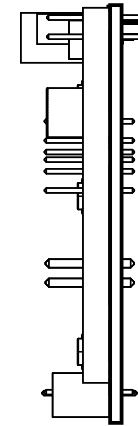
View from Left side (Scale 1:1)



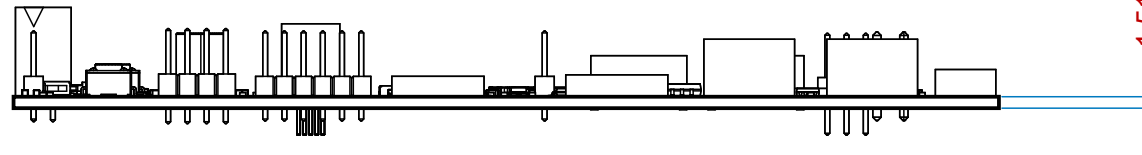
View from Top side (Scale 1:1)



View from Right side (Scale 1:1)



View from Front side (Scale 1:1)



A

B

C

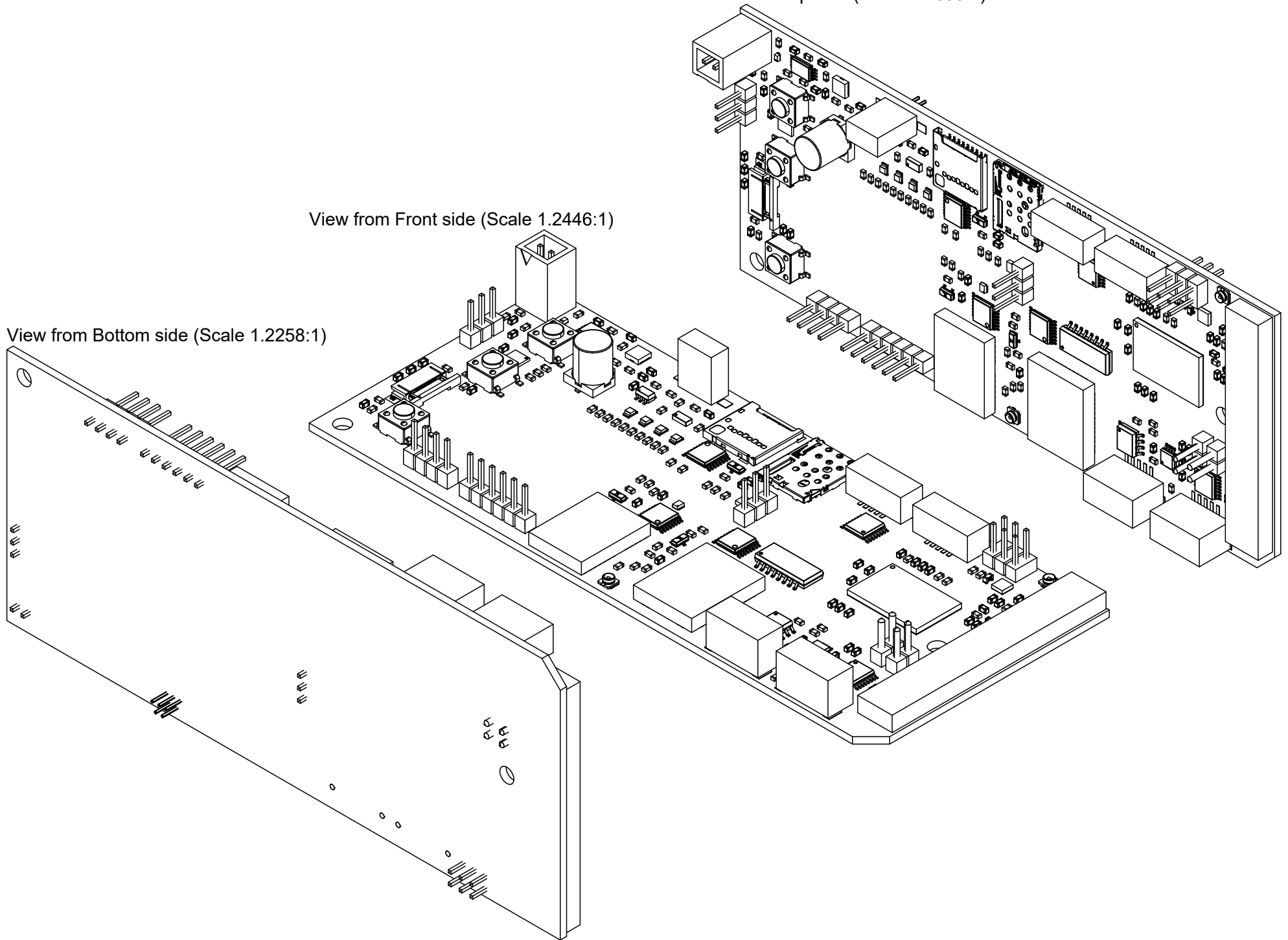
D

E

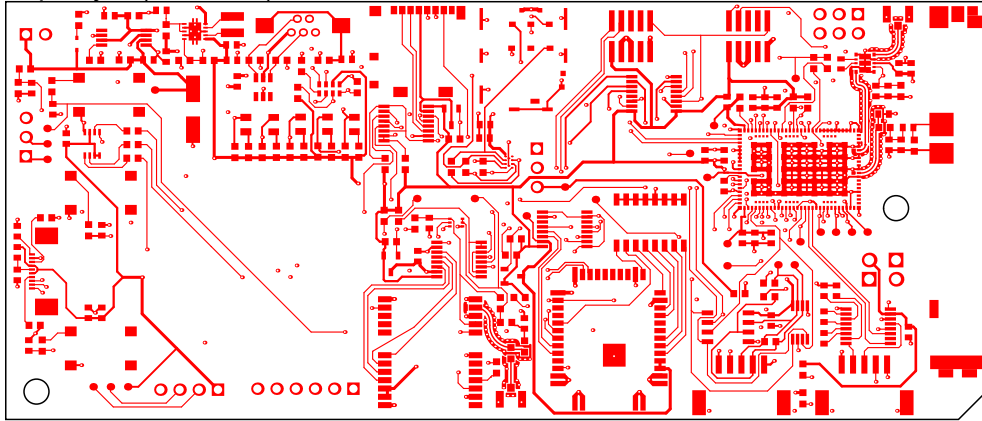
View from Top side (Scale 1.1838:1)

View from Front side (Scale 1.2446:1)

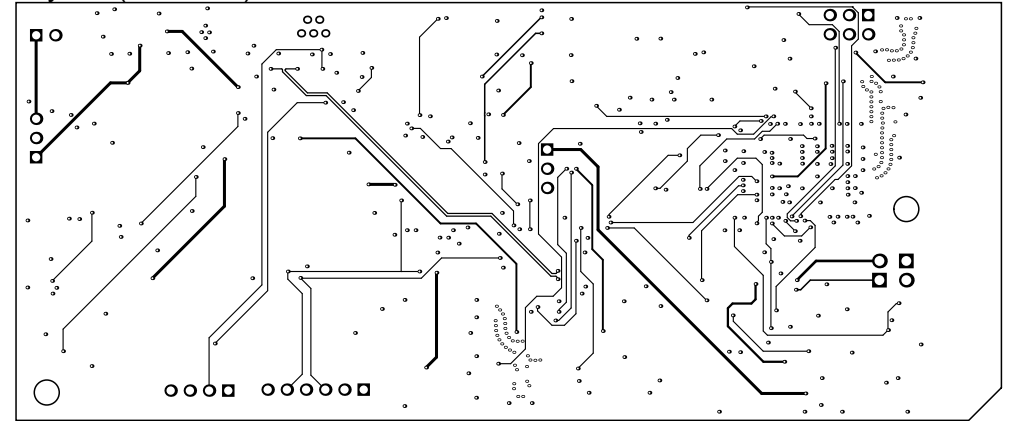
View from Bottom side (Scale 1.2258:1)



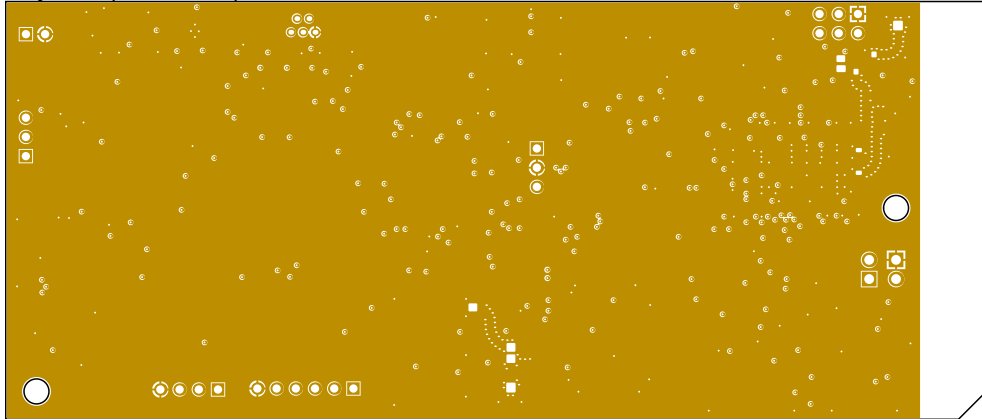
Top Layer (Scale 1:1)



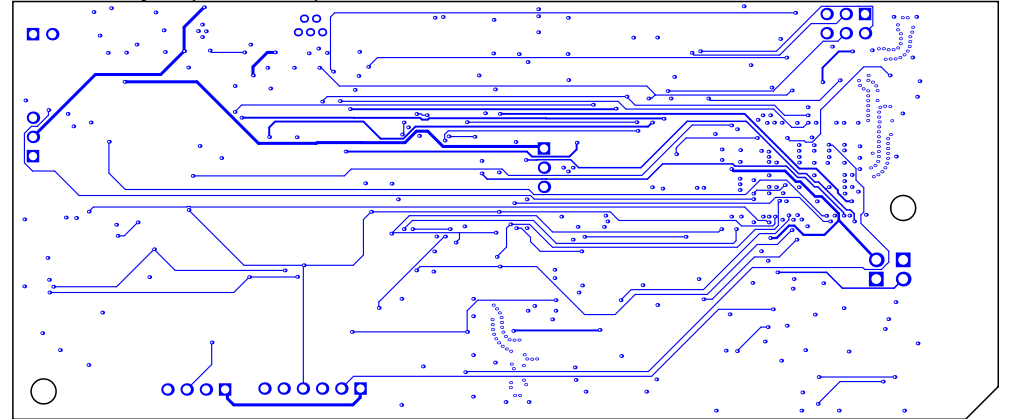
Layer 3 (Scale 1:1)



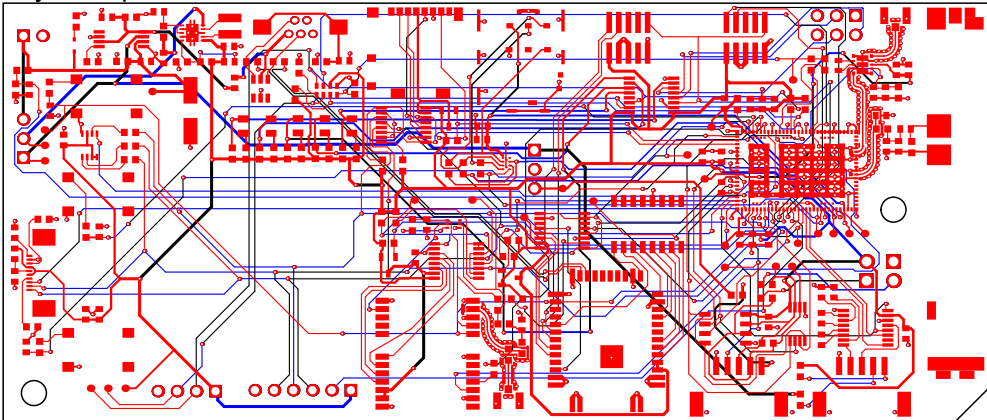
Layer 2 (Scale 1:1)



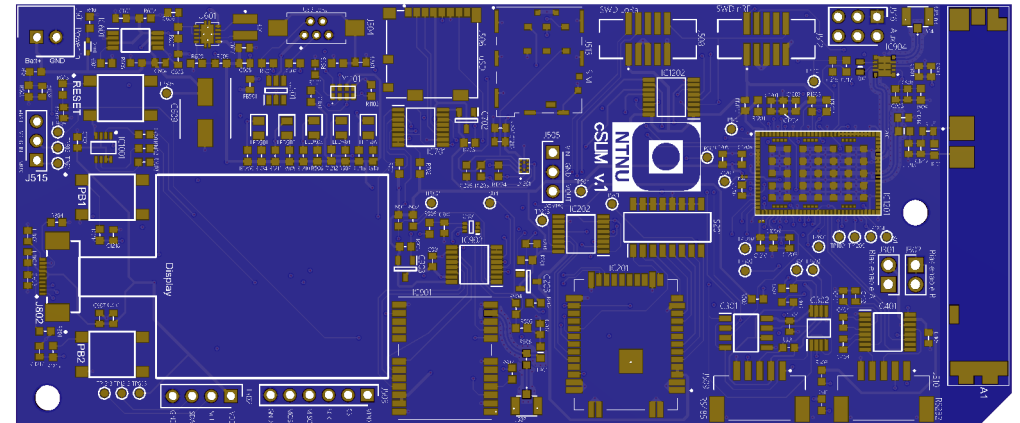
Bottom Layer (Scale 1:1)



Layer: Top, 3 and bottom.



Realistic View top



Bill Of Materials

Line #	Designator	Comment	Quantity
1	A1	P822601	1
2	C301, C401, C402, C403, C404, C405, C601, C604, C606, C806, C810, C901, C904, C905, C907, C1001, C1202, C1205, C1209, C1215	100nF	20
3	C501	12pF	1
4	C502	10nF	1
5	C602, C603, C902, C1216, C1217	1uF	5
6	C605	10uF	1
7	C607	22uF	1
8	C608	1.8pF	1
9	C609	PCH1E101MCL4GS	1
10	C807	1uF/50V	1
11	C903, C906	100pF	2
12	C1201, C1208	15pF	2
13	C1203, C1210	47uF	2
14	C1206, C1207	4.7uF	2
15	C1211	3.5pF	1
16	C1212, C1213, C1214	N.C.	3
17	D601	1SS390SMFHT2R	1
18	D1201	CM1402-03CP	1
19	FB501	500mA	1
20	FB801, FB802	Ferrite_Bead	2
21	FB1201	120ohm 0.7A	1
22	IC201	WLR089U0-I_RM	1
23	IC202, IC701, IC902	SN74AVC4T774PWR	3
24	IC203, IC702	NX2301P,215	2
25	IC301	MAX3486ESA+	1
26	IC302	MAX3471EUA+	1
27	IC401	MAX3221CUE+	1
28	IC601	TPS2113PWR	1
29	IC901	NEO-M9N-00B	1
30	IC903	NX2301P,215	1
31	IC904	SKY55950-11	1
32	IC1001	CY15B108QN-20LPXC	1
33	IC1201	NRF9160-SICA-R7	1
34	IC1202	PCAL6408APWJ	1
35	J301, J302	Conn_01x02_Male	2
36	J501	Conn_01x02_Male	1
37	J502	Conn_01x04_Male	1
38	J503	Conn_01x06_Male	1
39	J504	10119313-302TLF	1
40	J505, J515	Conn_01x03	2
41	J506	104031-0811	1
42	J507, J514	CONUFL001-SMD-T	2

Bill Of Materials

Line #	Designator	Comment	Quantity
43	J508, J512	SHF-105-01-L-D-SM	2
44	J509, J510	BM05B-ZESS-TBT_LF_SN_	2
45	J513	SF72S006VBAR2500	1
46	J516	TSW-103-08-S-D	1
47	J802	52746-1071	1
48	L601	LPS3015-222MRB	1
49	L901	27nH	1
50	L902	9n1	1
51	L1201	22nH	1
52	L1202	1.5nH	1
53	LED501	APT2012LSECK_J3-PRV	1
54	LED502	APT2012LSYCK_J3-PRV	1
55	LED503	APT2012LZGCK	1
56	LED504, LED505	APT2012LVBC_D	2
57	NT1201, NT1202	NetTie	2
58	PB1201, PB1202, S601		3
59	Q901	SI1040X-T1-GE3	1
60	R201, R202, R203, R603, R701, R702, R703, R801, R804, R901, R902, R903, R906, R1102, R1103, R1209, R1210, R1211, R1212, R1213	100k	20
61	R301	120R	1
62	R302, R303	680R	2
63	R501, R502	15R	2
64	R503, R508, R509, R511, R904, R907, R908, R1204, R1205, R1206, R1216, R1217	0R	12
65	R504, R505	820R	2
66	R506, R507, R510	330R	3
67	R601, R609	240k	2
68	R602, R606, R909	1M	3
69	R604	390R	1
70	R605, R1214, R1215	1k	3
71	R607	100R	1
72	R608	1M2	1
73	R610	3k	1
74	R905	10R	1
75	R1001, R1002	33R	2
76	R1003	50R	1
77	R1101, R1201	10k	2
78	R1202, R1203	4.7k	2
79	S201	97C08ST	1
80	U501	USBL6-2SC6	1
81	U601	TPS63000DRCR	1
82	Y1101	RV-3032-C7-TA-QC	1

A

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C

D

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Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
Prepreg		0.11mm	FR-4	Dielectric	
CF-004	Layer 2	0.04mm		Signal	G1
Core		1.13mm	FR-4	Dielectric	
CF-004	Layer 3	0.04mm		Signal	G2
Prepreg		0.11mm	FR-4	Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.51mm					

