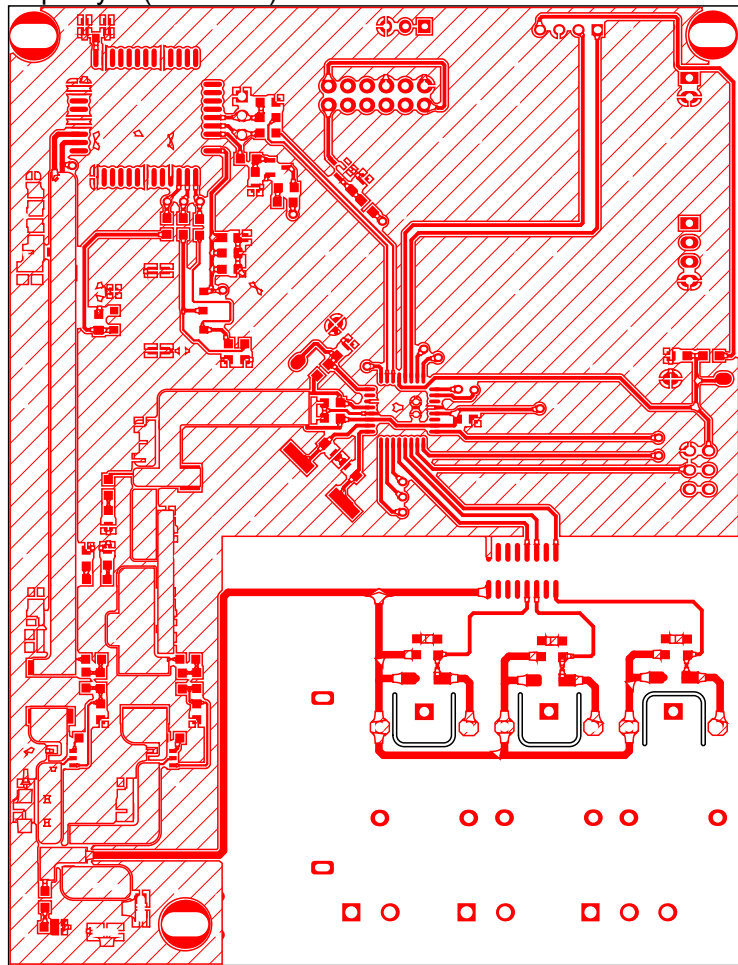
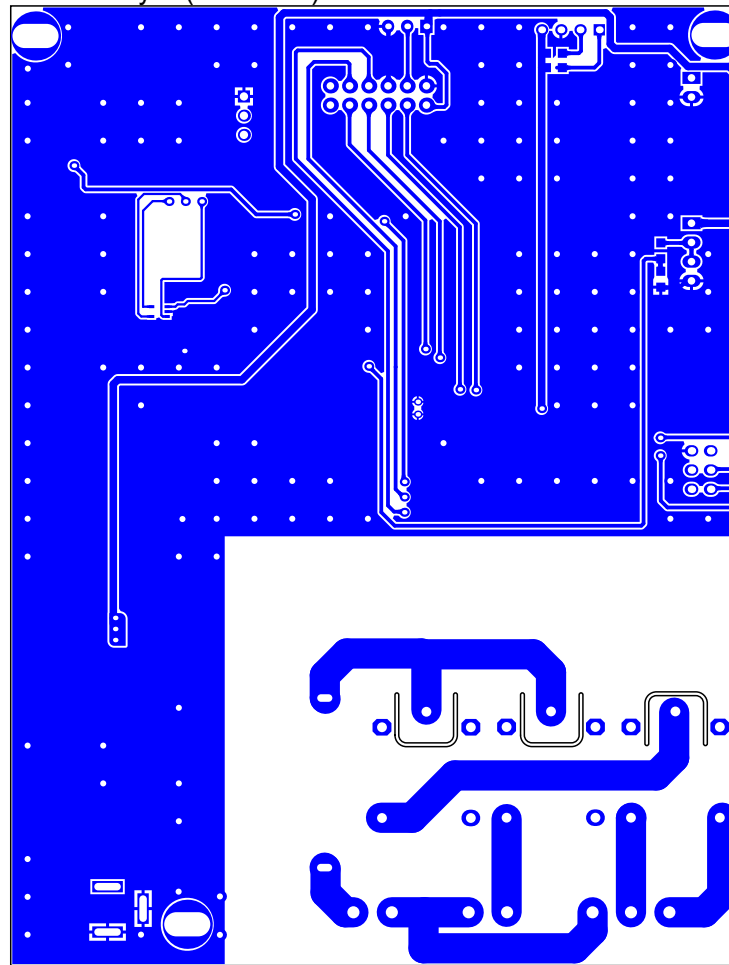
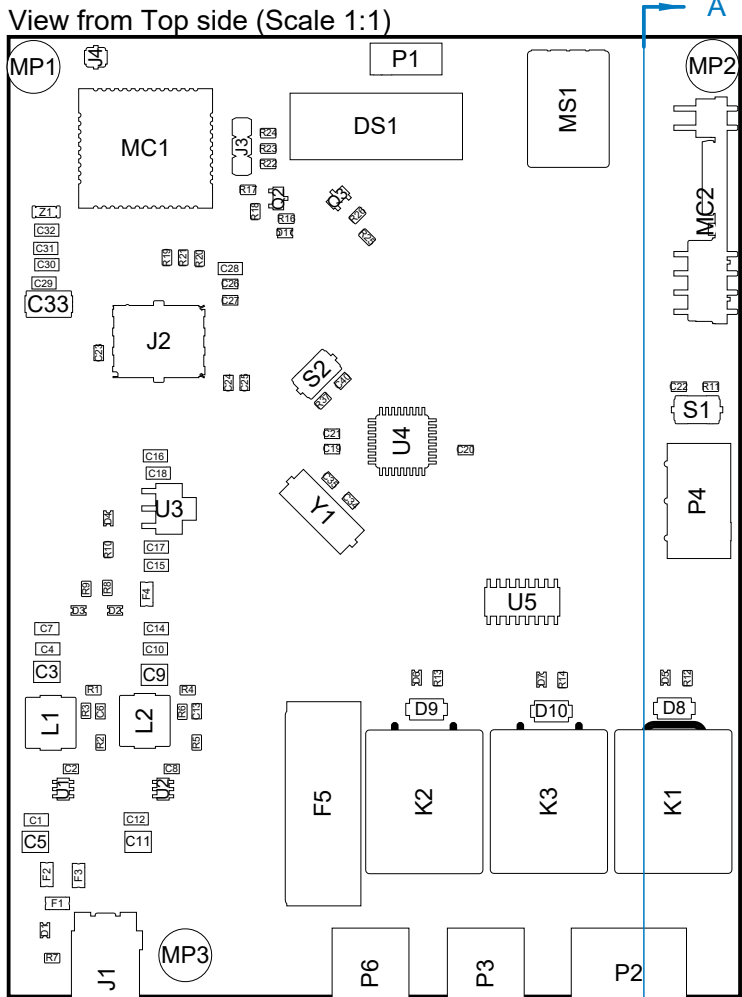


Top Layer (Scale 1:1)

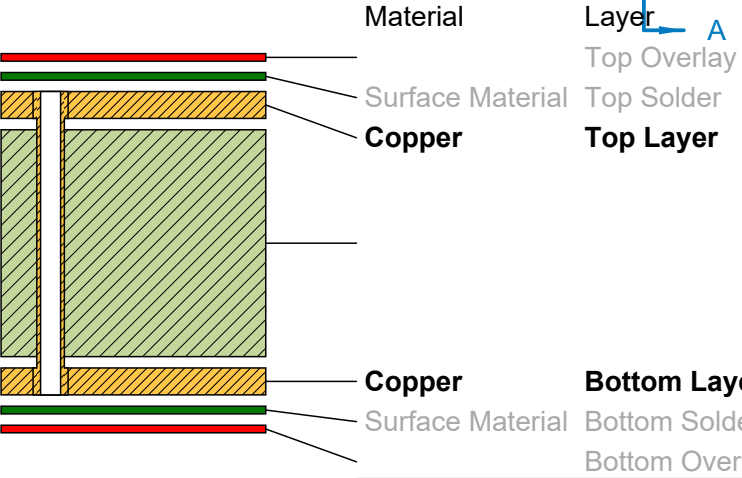


Bottom Layer (Scale 1:1)



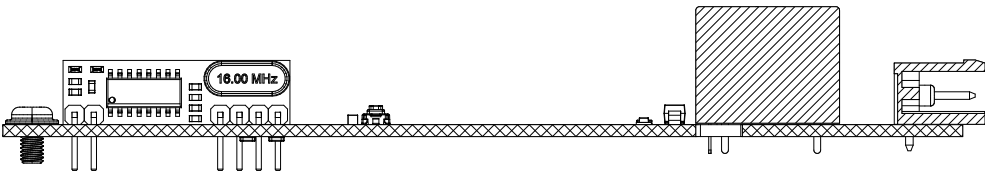


Layer Stack Legend



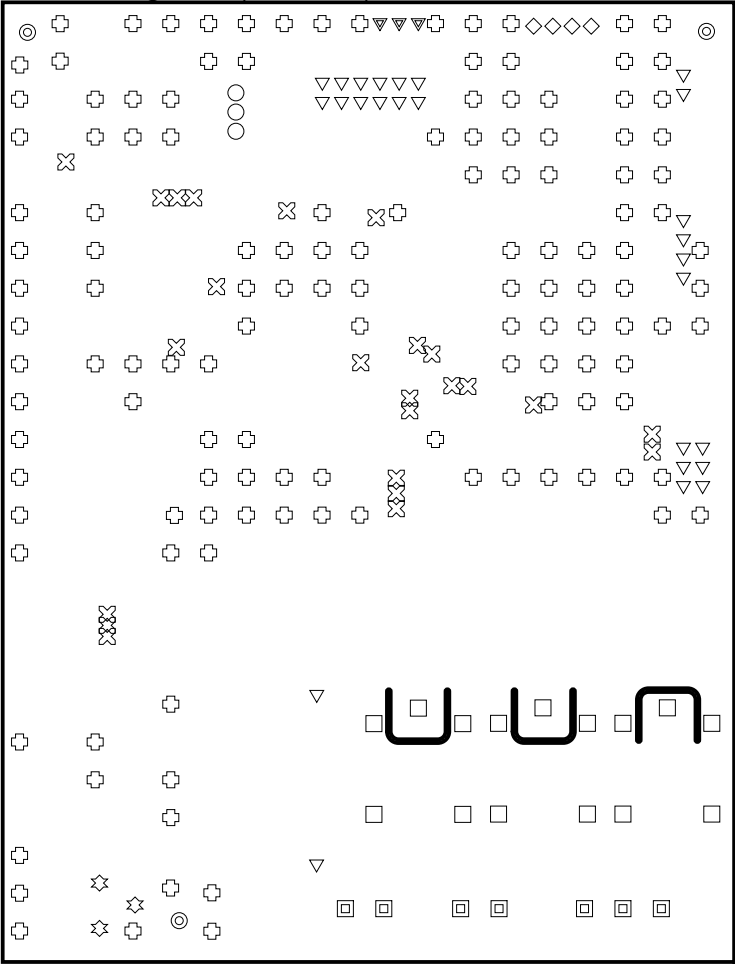
Thickness	Dielectric Material	Type	Gerber
		Legend	GTO
0.01mm	Solder Resist	Solder Mask	GTS
0.04mm		Signal	GTL
1.50mm	FR-4	Dielectric	
0.04mm		Signal	GBL
0.01mm	Solder Resist	Solder Mask	GBS
		Legend	GBO

SECTION A-A (Scale 1:1)



Total thickness: 1.59mm

Drill Drawing View (Scale 1:1)

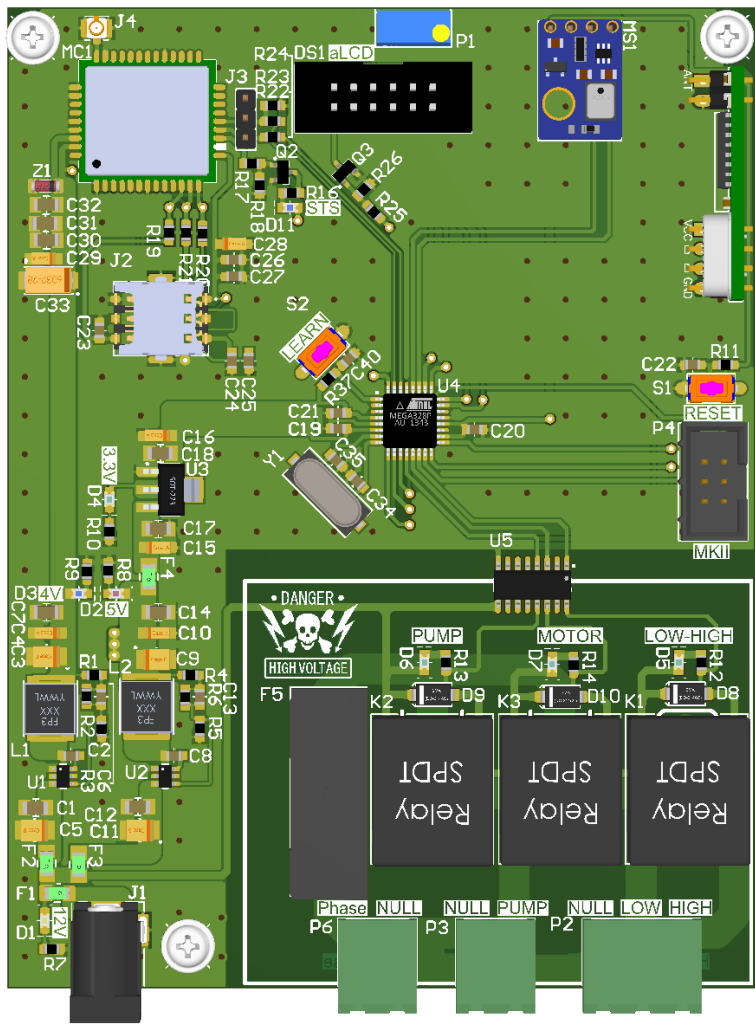


Via Type Type 1A (Scale 5:1)

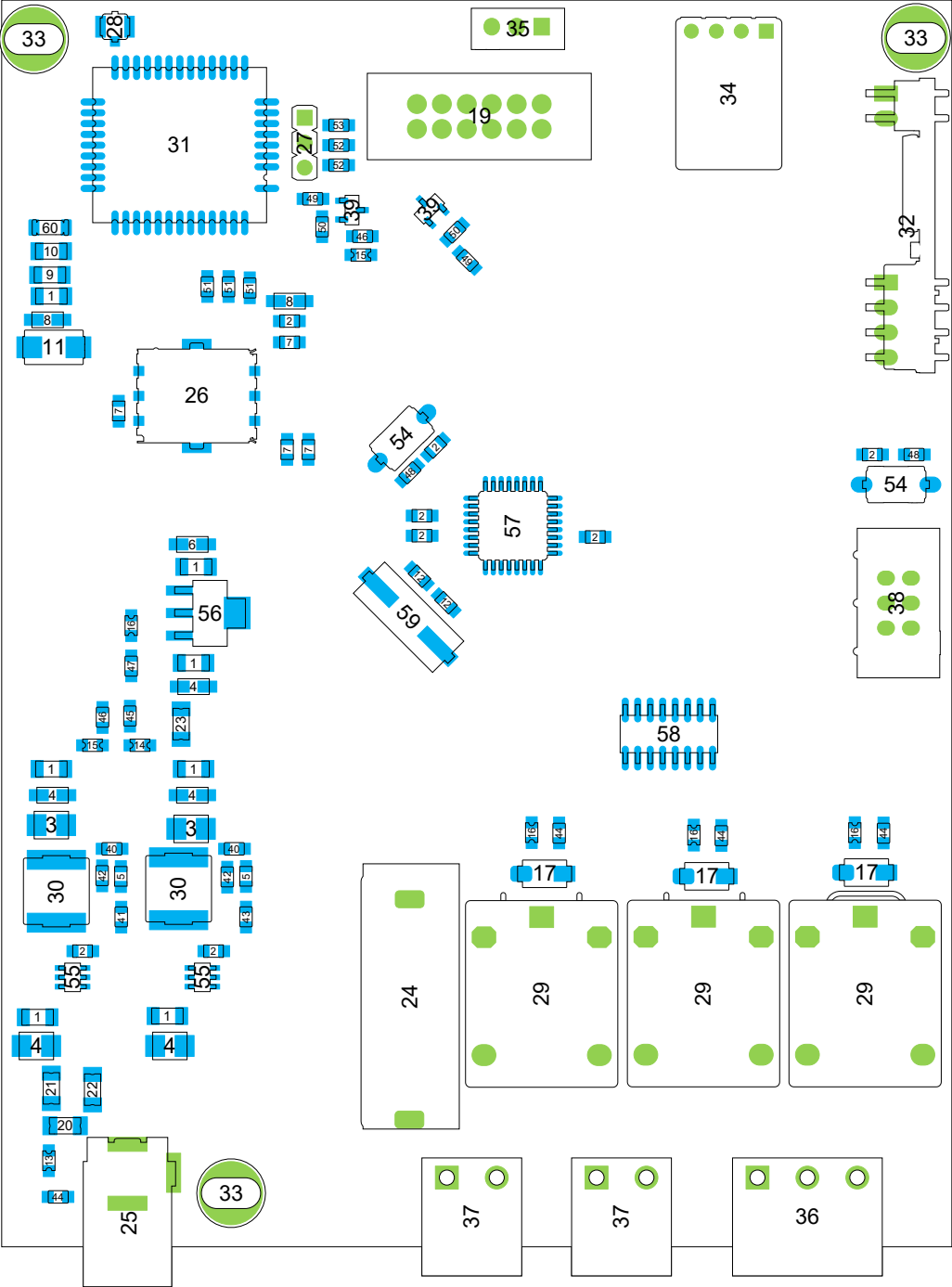


Symbol	Count	Hole Size	Plated	Hole Tolerance
⊗	24	0.60mm	Plated	
▽	3	0.76mm	Plated	
⊕	136	0.80mm	Plated	
◇	4	0.91mm	Plated	
☆	3	0.99mm	Plated	
▽	26	1.00mm	Plated	
○	3	1.10mm	Plated	
□	15	1.30mm	Plated	
⊞	7	1.60mm	Plated	
⊙	3	3.20mm	Plated	
	224 Total			

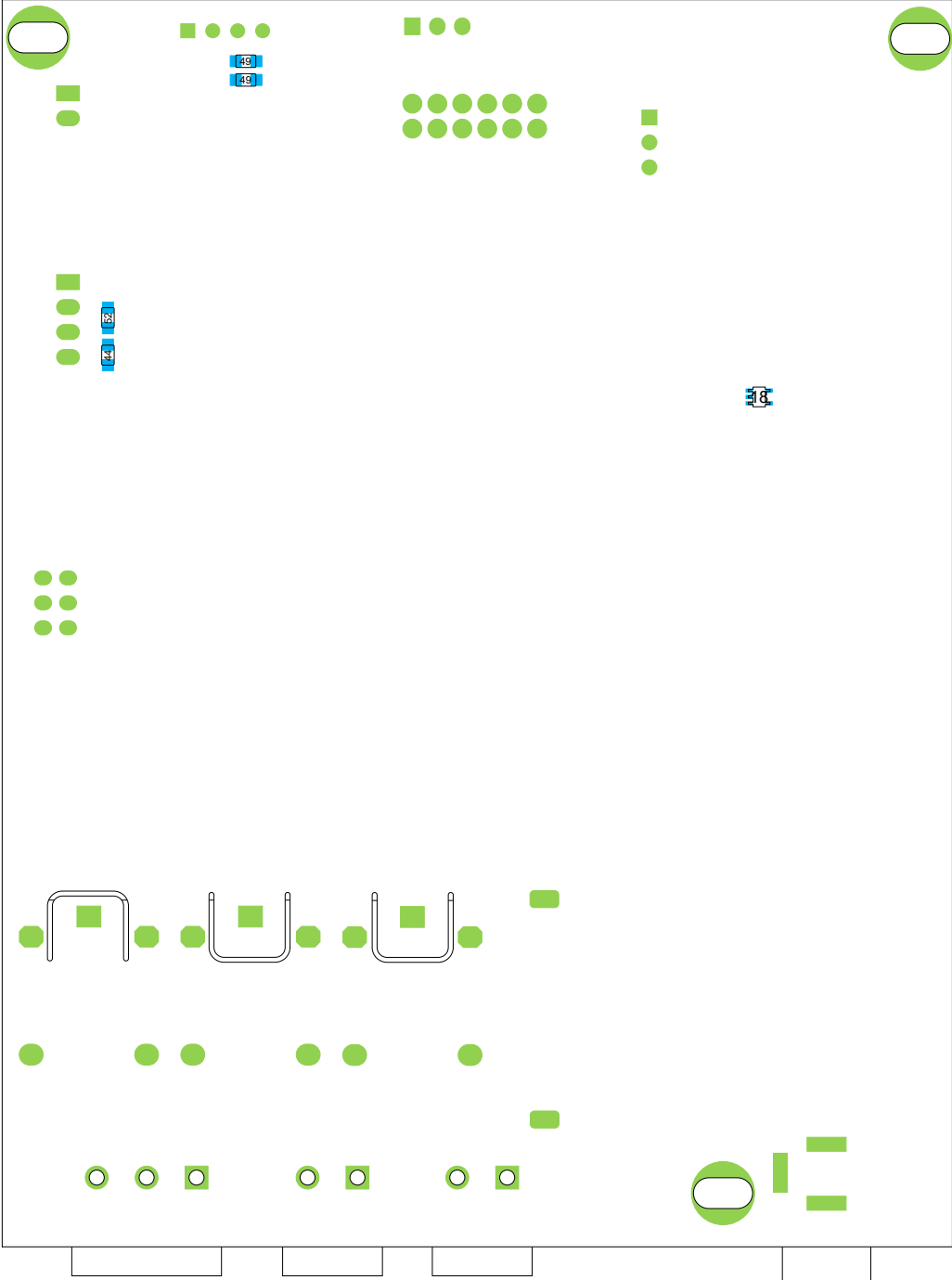
Realistic View



View from Top side (Scale 1.4:1)



View from Bottom side (Scale 1.4:1)



A		B		C		D		E	
Bill Of Materials									
Line #	Comment	Library Ref	Footprint	Inflow	Rating	Type	Value		
1	100n	Cap_Multi_SMD_100nF_1206	CAP 1206/3216	inflow?	50V	MultiLayer	100n	1	
2	100n	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	inflow?	50V	MultiLayer	100n		
3	47u	Cap_Tantalum	SMT_C_Tantalum_B	inflow?	6.3v	Tantalum	47u		
4	10u	Cap_Tantalum	SMT_C_Tantalum_A, SMT_C_Tantalum_B	inflow?	6.3v, 25v	Tantalum	10u		
5	68p	Cap_Multi_SMD_0805	CAP 0805/2012	inflow?	Rating?	MultiLayer	68p		
6	22u	Cap_Tantalum	SMT_C_Tantalum_A	inflow?	6.3v	Tantalum	22u		
7	33p	Cap_Multi_SMD_0805	CAP 0805/2012	inflow?	Rating?	MultiLayer	33p		
8	1u	Cap_Tantalum	SMT_C_Tantalum_A	inflow?	6.3V	Tantalum	1u		
9	10p	Cap_Multi_SMD_1206	CAP 1206/3216	inflow?	50V	MultiLayer	10p		
10	33p	Cap_Multi_SMD_1206	CAP 1206/3216	inflow?	50V	MultiLayer	33p		
11	100u	Cap_Tantalum	SMT_C_Tantalum_C	inflow?	6.3V	Tantalum	100u		
12	22p	Cap_Multi_SMD_0805	CAP 0805/2012	inflow?	Rating?	MultiLayer	22p		
13	Yellow	Semi_LED_SMD	LED 0805/2012 YELLOW	inflow?	Rating?	LED	Yellow	2	
14	Red	Semi_LED_SMD	LED 0805/2012 RED	inflow?	Rating?	LED	Red		
15	Blue	Semi_LED_SMD	LED 0805/2012 BLUE	inflow?	Rating?	LED	Blue		
16	Green	Semi_LED_SMD	LED 0805/2012 GREEN	inflow?	Rating?	LED	Green		
17	1N5819	Semi_Diod_Sch_1N5819_SMD	430X270D	inflow?	Rating?	Schottky	1N5819	3	
18	SMF-05	Semi_Diod_TVS_SMF05	SC70-5_N	inflow?	Rating?	TVS	SMF-05		
19	16x2	ModSen_LCD_CH_16x2_Box	BOX- HDR-2x6-2.54mm-S	8116	Rating?	Alphanumeric	16x2		
20	3A	Other_Elec_Fuse_SMD	1206_F	inflow?	Rating?	Fast	3A		
21	2A	Other_Elec_Fuse_SMD	1206_F	inflow?	Rating?	Fast	2A		
22	1A	Other_Elec_Fuse_SMD	1206_F	inflow?	Rating?	Fast	1A		
23	0.5A	Other_Elec_Fuse_SMD	1206_F	inflow?	Rating?	Fast	0.5A		
24	5A	Other_Elec_Fuse_THT	FUSE BLX 20x5	inflow?	Rating?	Type?	5A		
25	Female	Con_Power_Jack	Power Jack BIG	6127	Rating?	Type?	Female		
26	6'Pin	Con_Socket_SimCard_1	GCT_SIM8051_Plastik	inflow?	Rating?	Nano	6'Pin		
27	3	Con_MPH_3x1_V_THT_2.54	HDR_THT_3M_2.54m m	7152	Rating?	Type?	3		
28	U.FL	Con_RF_U.FL	IPEX-3x3mm	inflow?	Rating?	RF	U.FL		
29	12V	SW_Relay_SPDT	Relay 18.85x15.35x15.70	inflow?	Rating?	SPDT	12V	4	
30	10u	Ind_SMD	L_7	inflow?	3.8A	Type?	10u		
31	M66	ModSen_Com_M66	m66	inflow?	Rating?	GSM-GPRS	M66		
32	RXB22	ModSen_Com_RXB22_433	RF_ETRXB	8251	433M	Learning	RXB22		
33	M3	Other_Mech_Screw	SCREW-M3	8243	Rating?	Screw	M3		
34	AHT20	ModSen_AHT20	AHT20	inflow?	Rating?	Air T&H	AHT20		
35	10K	Res_Multi	Multi turn 01	inflow?	Rating?	Type?	10K		
36	Value?	Con_Power_3	Phoenix_3PIN_RA_P5.08mm	inflow?	3b	Type?	Value?		
37	2'Pin	Con_Power_2	Phoenix_2PIN_RA_P5.08mm	inflow?	Rating?	Type?	2'Pin		

Bill Of Materials

[illegible]