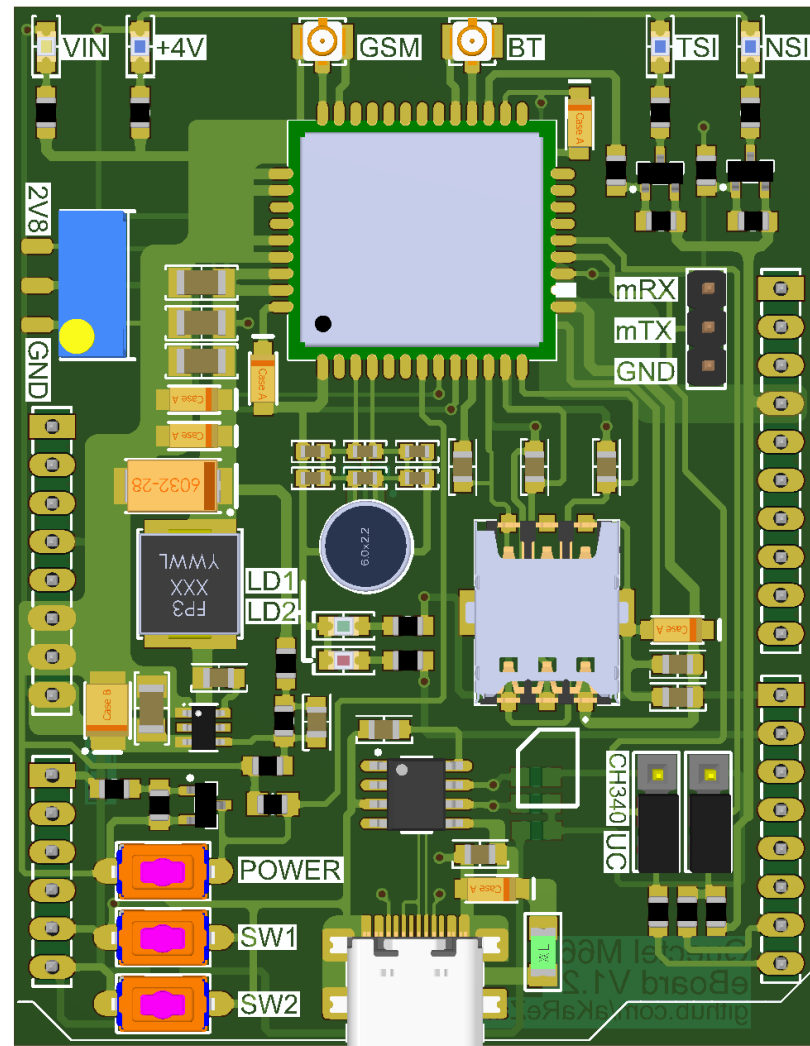
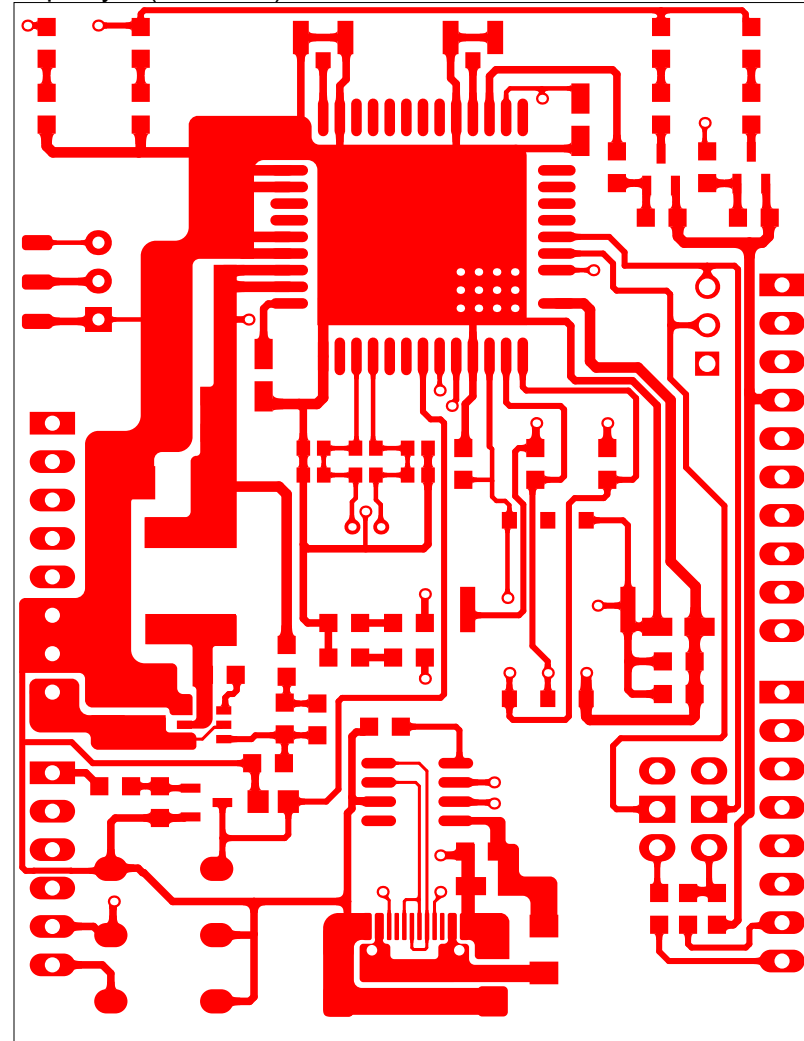


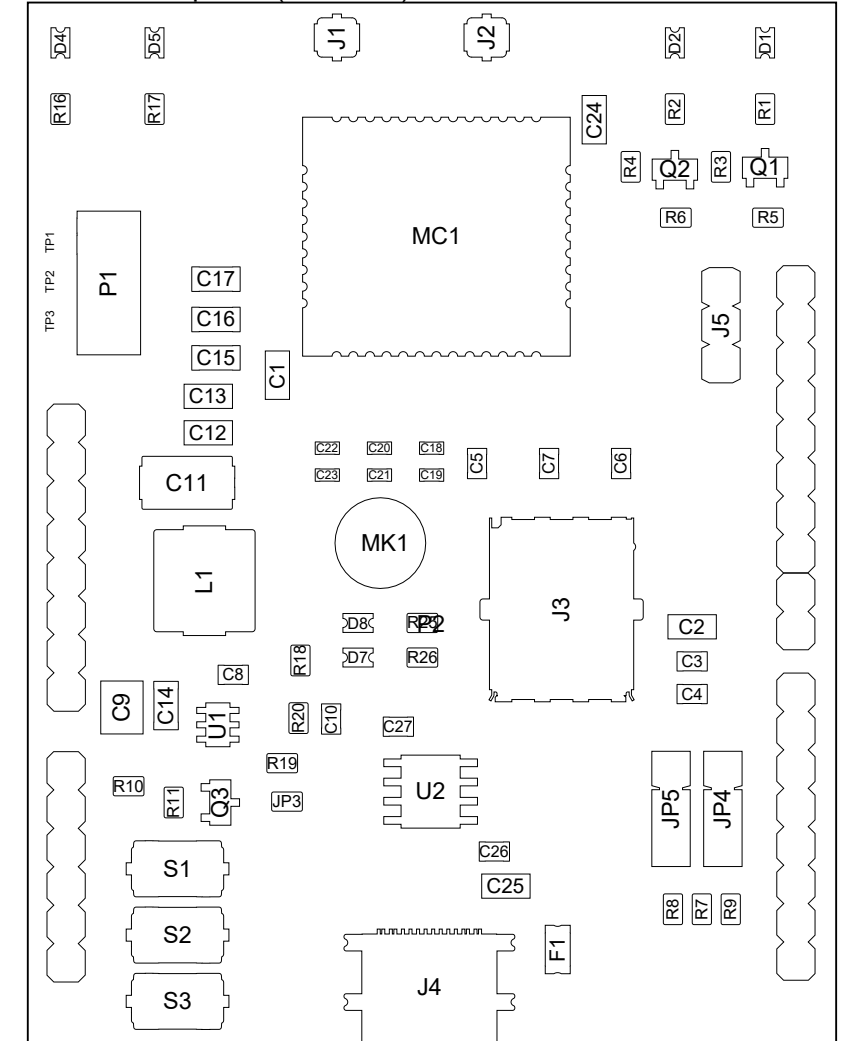
Realistic View





Top Layer (Scale 2:1)

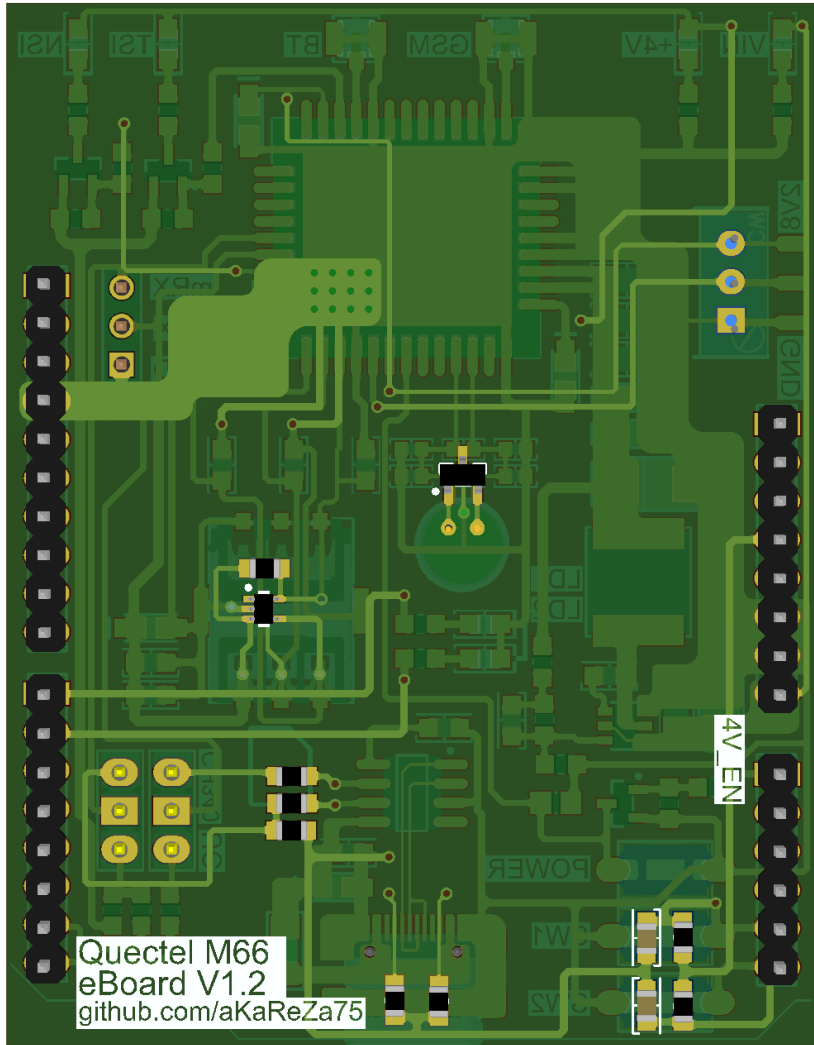


View from Top side (Scale 2:1)

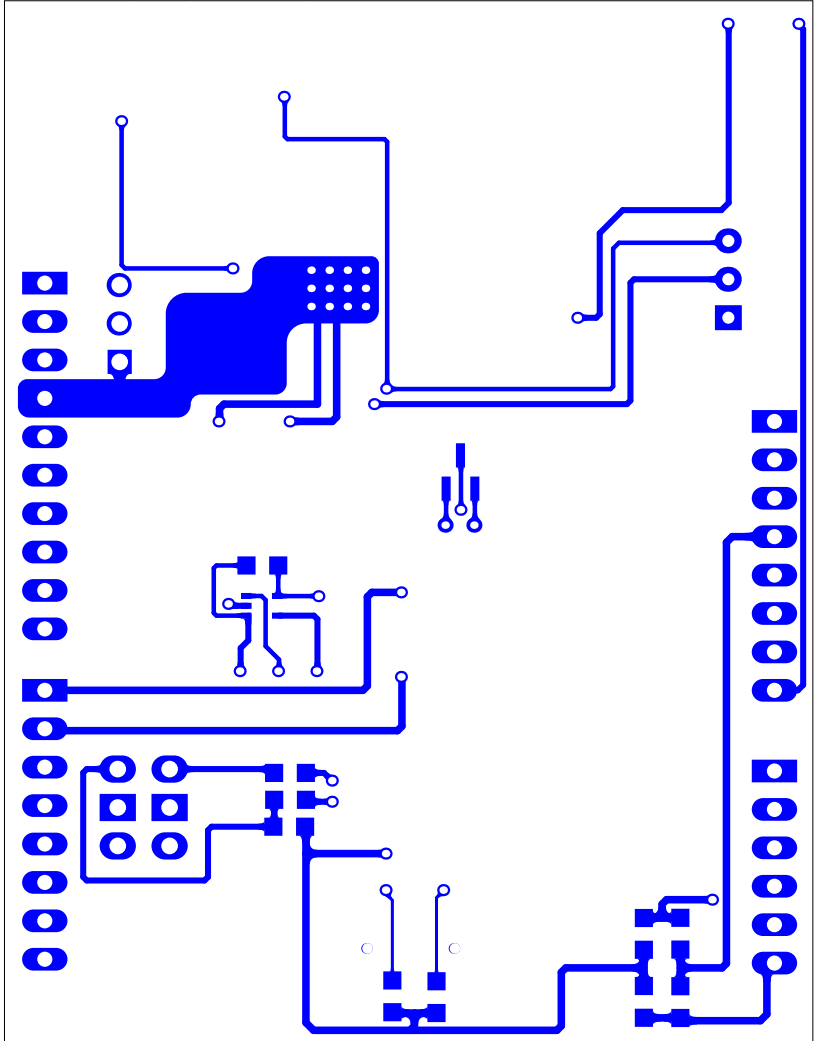


Title: TOP View	Drawn by:	Hossein Bagheri	
Project: Quectel M66	Revision: 1.2	 aKaReZa	
Company: github.com/aKaReZa75	Sheet 1 of 7		

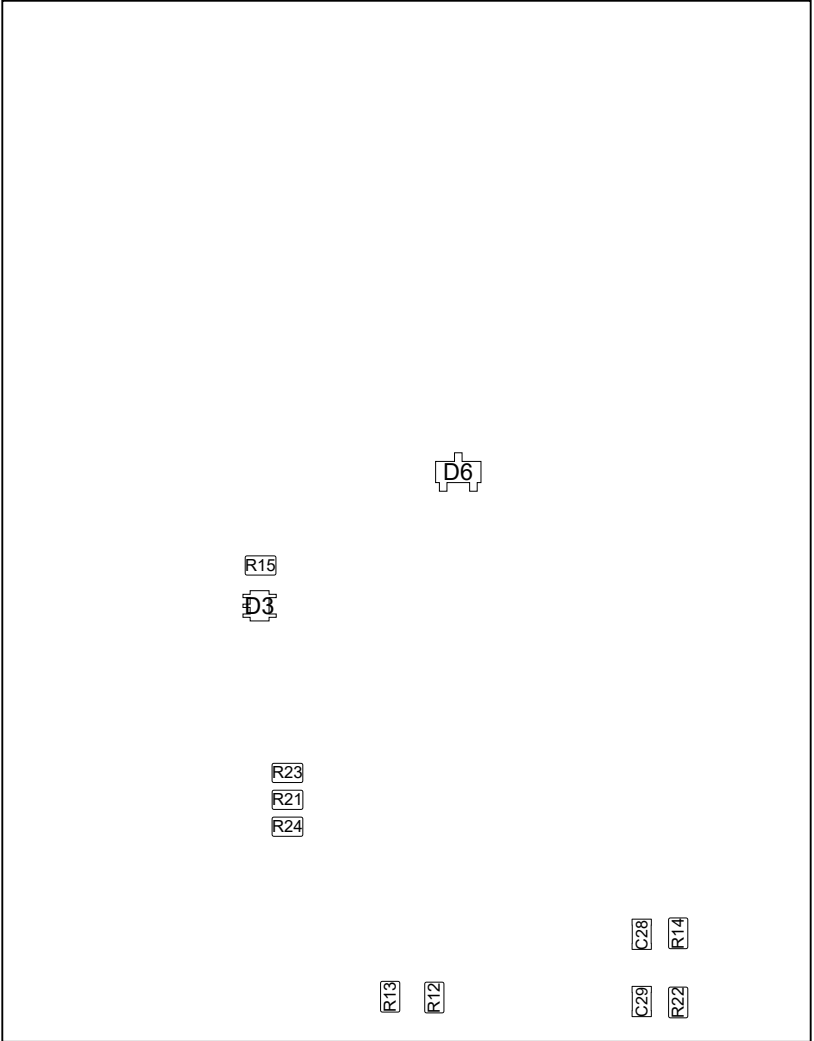
Realistic View

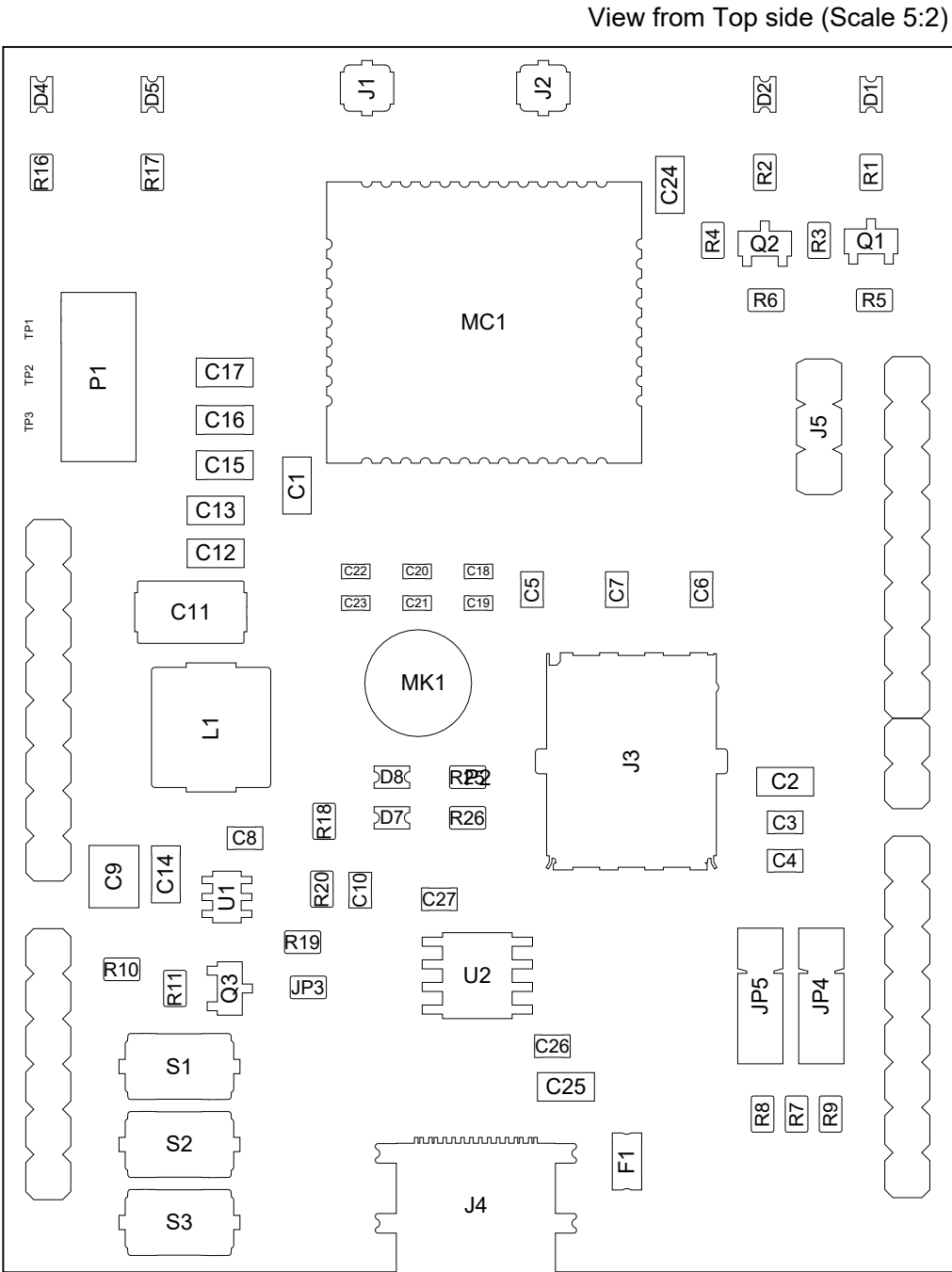
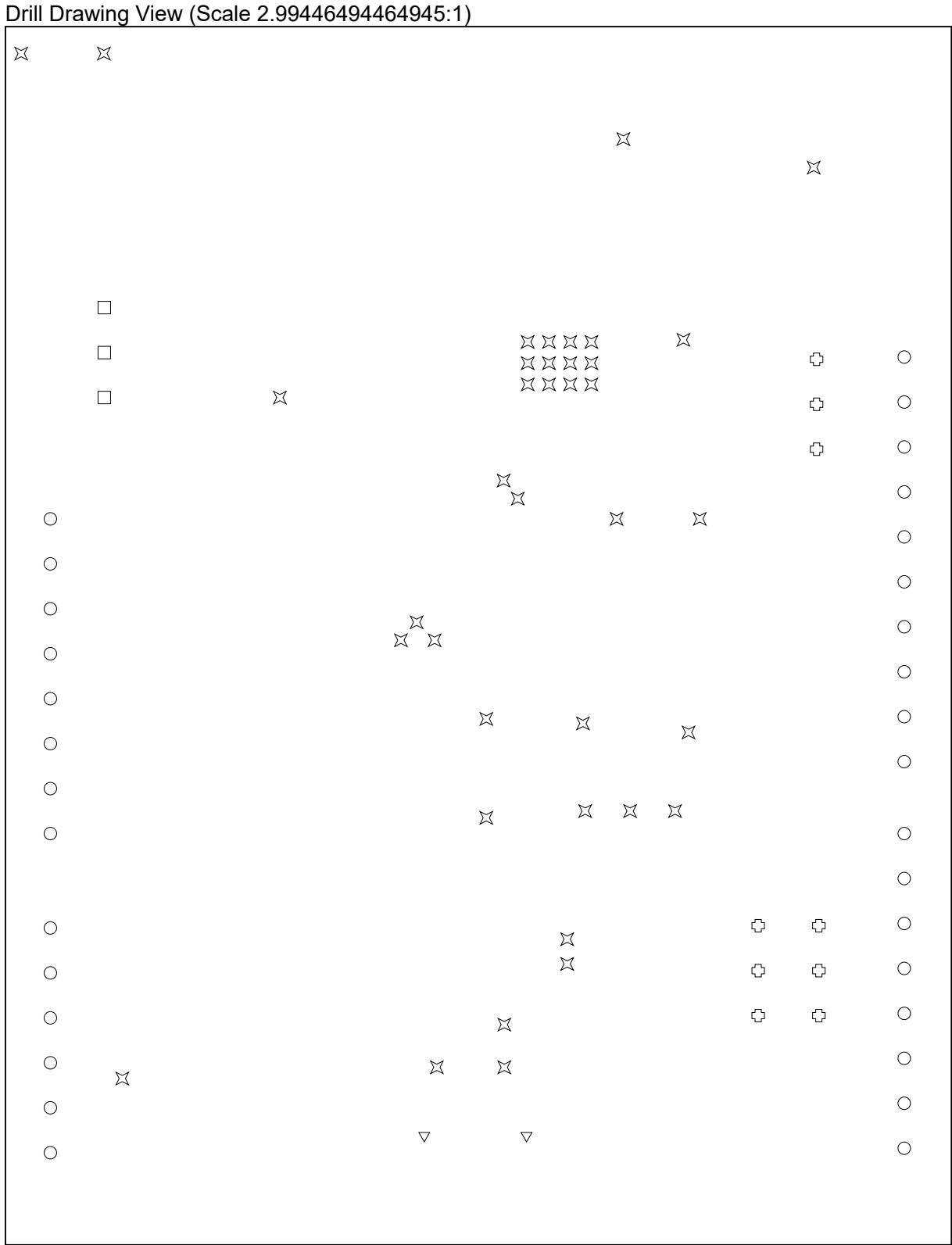


Bottom Layer (Scale 2:1)




View from Bottom side (Scale 2:1)



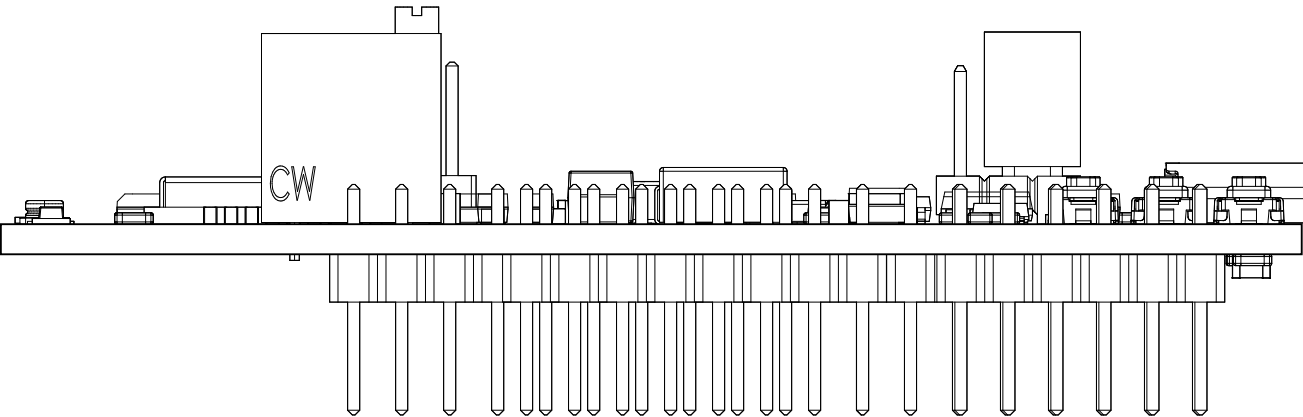


Drill Table

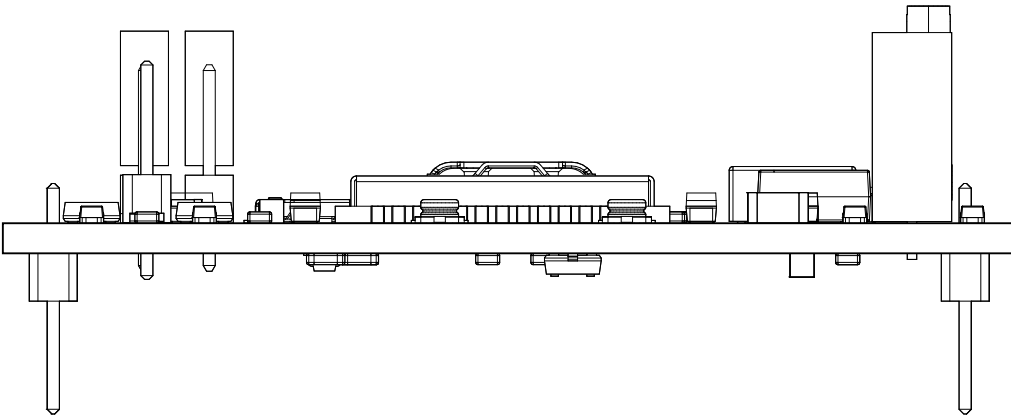
Symbol	Count	Hole Size	Plated	Hole Tolerance
✧	38	0mm	Plated	
▽	2	1mm	Non-Plated	
□	3	1mm	Plated	
○	32	1mm	Plated	
⊕	9	1mm	Plated	
84 Total				

Title: Drill Drawing and Dimensions	Drawn by:	Hossein Bagheri  aKaReZa	
Project: Quectel M66	Revision: 1.2		
Company: github.com/aKaReZa75	Sheet 3 of 7		

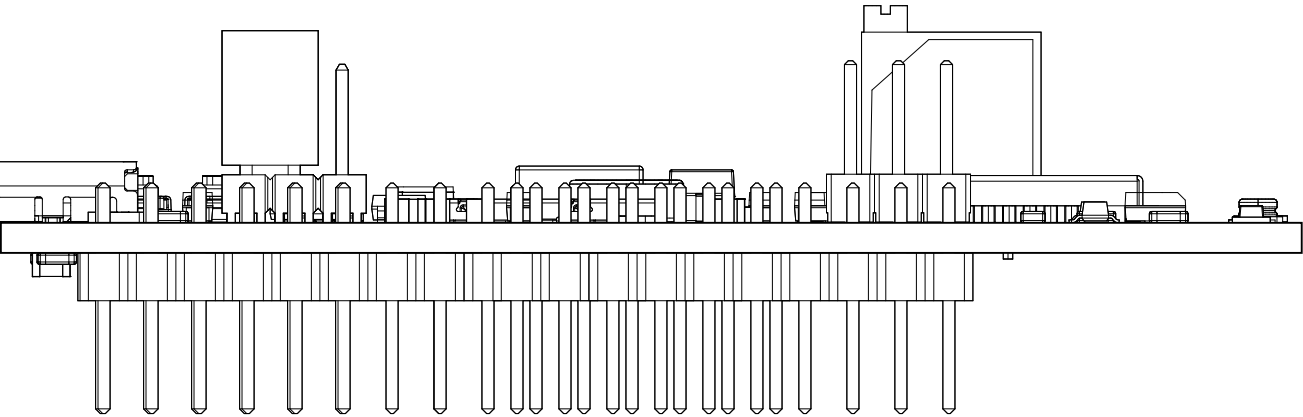
View from Left side (Scale 5:2)



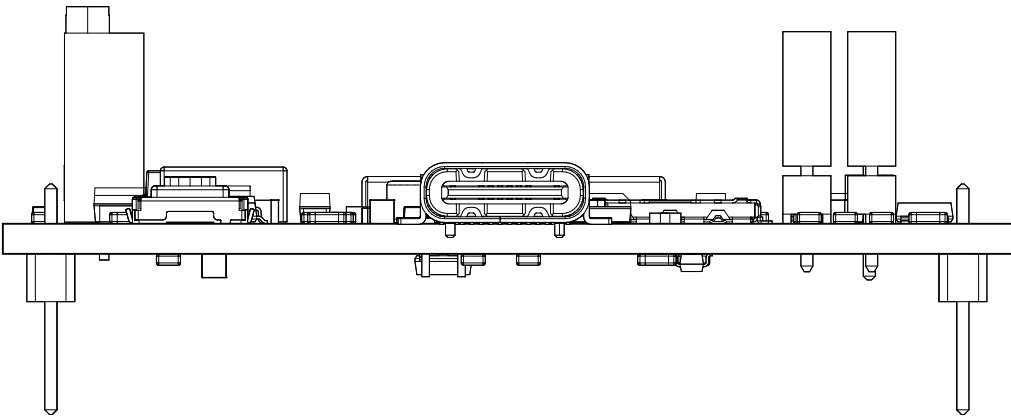
View from Back side (Scale 5:2)



View from Right side (Scale 5:2)

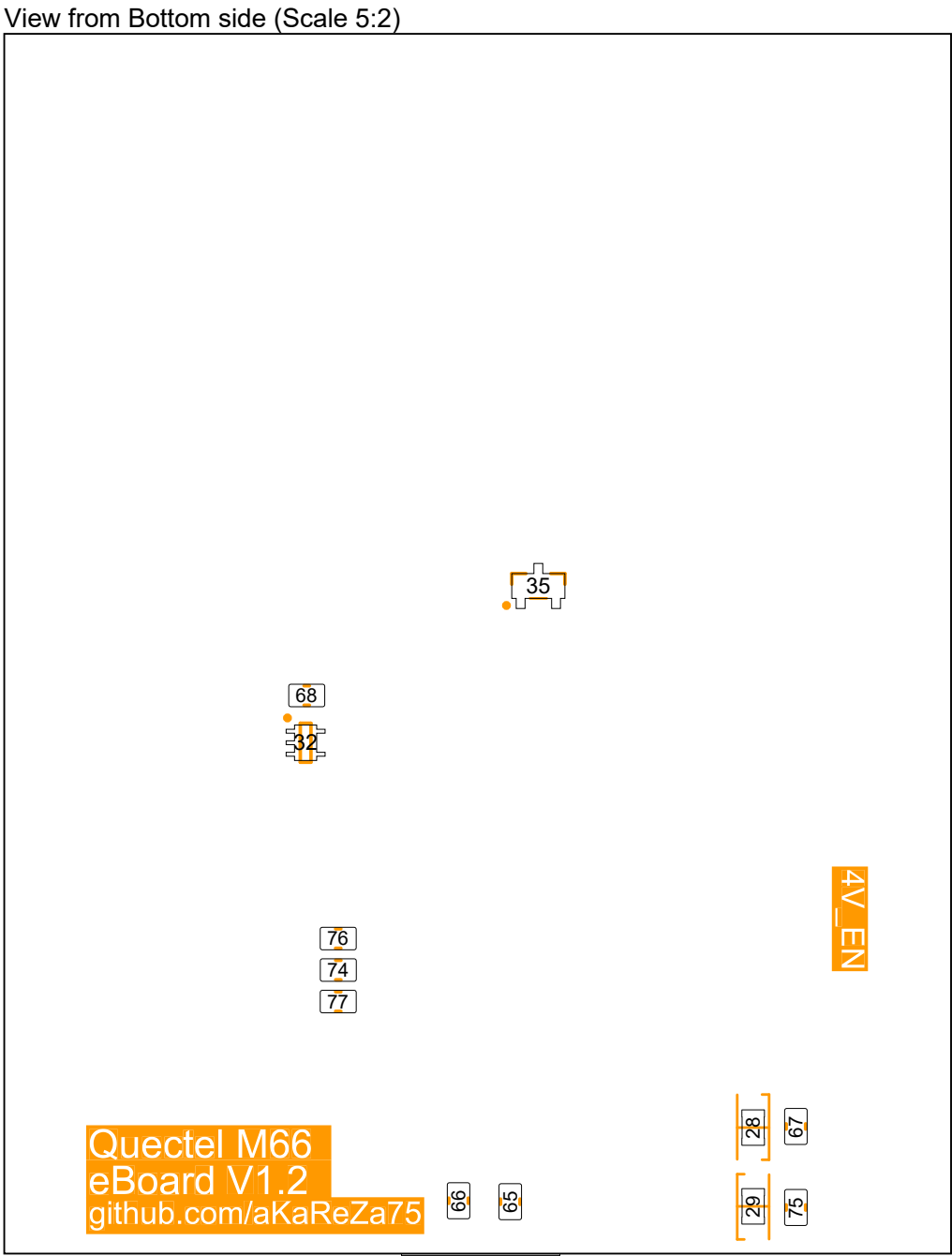
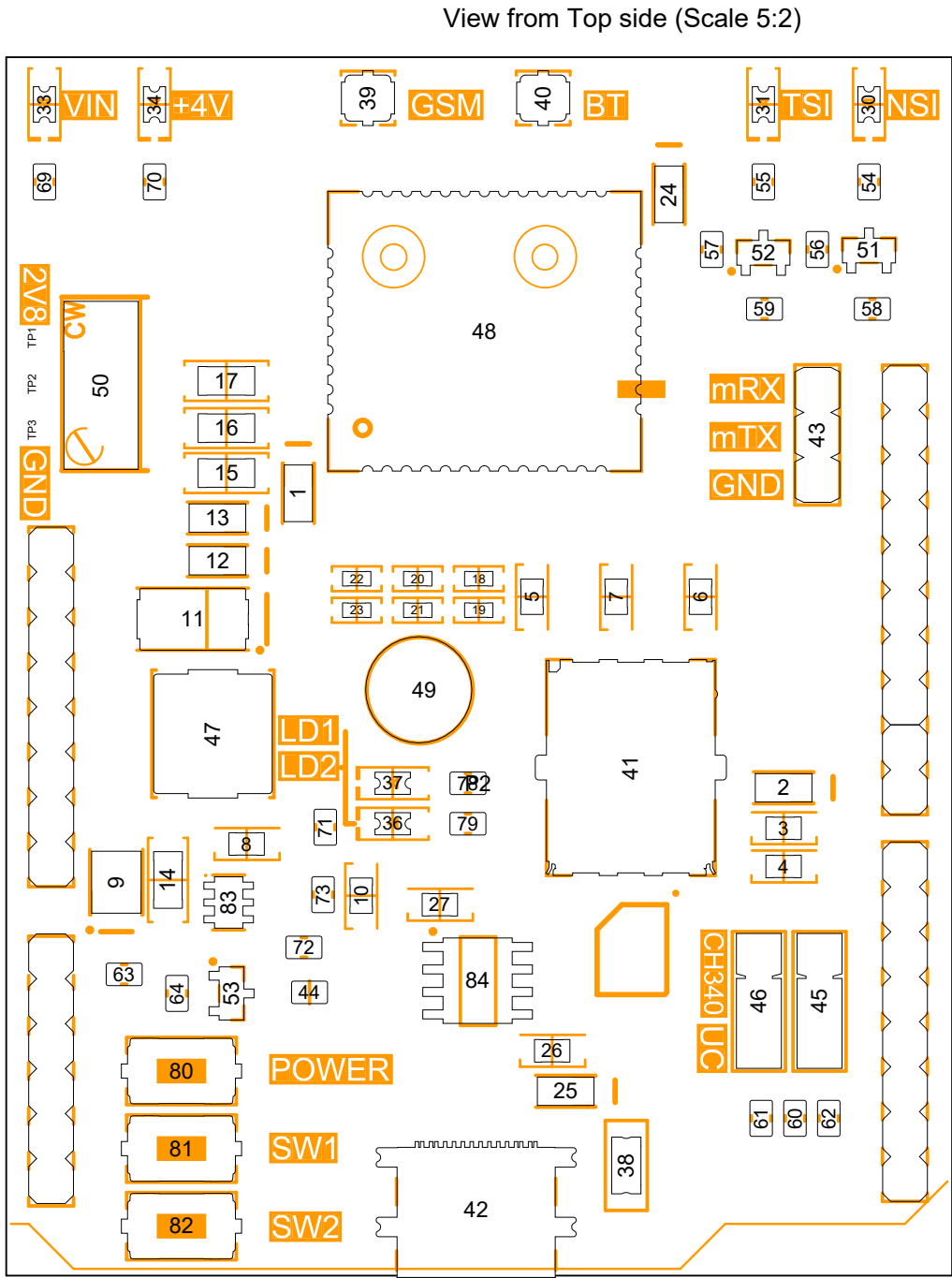


View from Front side (Scale 5:2)





Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0mm		Signal	GTL
		1mm	FR-4	Dielectric	
Copper	Bottom Layer	0mm		Signal	GBL
Surface Material	Bottom Solder	0mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 2mm					



Title: Component Positions View	Drawn by:	Hossein Bagheri	
Project: Quectel M66	Revision: 1.2	 aKaReZa	
Company: github.com/aKaReZa75	Sheet 5 of 7		

A		B		C		D		E		F	
Bill Of Materials											
Line #	Designator	Comment	Library Ref	Footprint	Package	Rating	Type	Value			
1	C1	10u	Cap_Tantalum	SMT_C_Tantalum_A	Package?	6.3V	Tantalum	10u			
2	C2	1u	Cap_Tantalum	SMT_C_Tantalum_A	Package?	6.3V	Tantalum	1u			
3	C3	100n	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	0805	50V	MultiLayer	100n			
4	C4	33p	Cap_Multi_SMD_0805	CAP 0805/2012	0805	Rating?	MultiLayer	33p			
5	C5	33p	Cap_Multi_SMD_0805	CAP 0805/2012	0805	Rating?	MultiLayer	33p			
6	C6	33p	Cap_Multi_SMD_0805	CAP 0805/2012	0805	Rating?	MultiLayer	33p			
7	C7	33p	Cap_Multi_SMD_0805	CAP 0805/2012	0805	Rating?	MultiLayer	33p			
8	C8	100n	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	0805	50V	MultiLayer	100n			
9	C9	10u	Cap_Tantalum	SMT_C_Tantalum_B	Package?	25v	Tantalum	10u			
10	C10	68p	Cap_Multi_SMD_0805	CAP 0805/2012	0805	Rating?	MultiLayer	68p			
11	C11	100u	Cap_Tantalum	SMT_C_Tantalum_C	SMD-C	6.3V	Tantalum	100u			
12	C12	10u	Cap_Tantalum	SMT_C_Tantalum_A	Package?	6.3v	Tantalum	10u			
13	C13	1u	Cap_Tantalum	SMT_C_Tantalum_A	SMD-A	6.3V	Tantalum	1u			
14	C14	100n	Cap_Multi_SMD_100nF_1206	CAP 1206/3216	1206	50V	MultiLayer	100n			
15	C15	100n	Cap_Multi_SMD_100nF_1206	CAP 1206/3216	1206	50V	MultiLayer	100n			
16	C16	33p	Cap_Multi_SMD_1206	CAP 1206/3216	1206	50V	MultiLayer	33p			
17	C17	10p	Cap_Multi_SMD_1206	CAP 1206/3216	1206	50V	MultiLayer	10p			
18	C18	10p	Cap_Multi_SMD	CAP 0603/1608	Package?	Rating?	Type?	10p			
19	C19	33p	Cap_Multi_SMD	CAP 0603/1608	Package?	Rating?	Type?	33p			
20	C20	10p	Cap_Multi_SMD	CAP 0603/1608	Package?	Rating?	Type?	10p			
21	C21	33p	Cap_Multi_SMD	CAP 0603/1608	Package?	Rating?	Type?	33p			
22	C22	10p	Cap_Multi_SMD	CAP 0603/1608	Package?	Rating?	Type?	10p			
23	C23	33p	Cap_Multi_SMD	CAP 0603/1608	Package?	Rating?	Type?	33p			
24	C24	4.7u	Cap_Tantalum	SMT_C_Tantalum_A	Package?	6.3V	Tantalum	4.7u			
25	C25	DS1307	Cap_Tantalum	SMT_C_Tantalum_A	SMD-A	6.3V	Tantalum	4.7u			
26	C26	DS1307	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	0805	50V	MultiLayer	100n			
27	C27	10n	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	0805	50V	MultiLayer	10n			
28	C28	100n	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	0805	50V	MultiLayer	100n			
29	C29	100n	Cap_Multi_SMD_100nF_0805	CAP 0805/2012	0805	50V	MultiLayer	100n			
30	D1	Blue	Semi_LED_SMD	LED 0805/2012 BLUE	Package?	Rating?	LED	Blue			
31	D2	Blue	Semi_LED_SMD	LED 0805/2012 BLUE	Package?	Rating?	LED	Blue			
32	D3	SMF-05	Semi_Diod_TV_S_SMF05	SC70-5_N	SC70-5	Rating?	TVS	SMF-05			
33	D4	Yellow	Semi_LED_SMD	LED 0805/2012 YELLOW	Package?	Rating?	LED	Yellow			
34	D5	Blue	Semi_LED_SMD	LED 0805/2012 BLUE	Package?	Rating?	LED	Blue			
35	D6	SM712	Semi_Diod_TV_S_SM712	SOT23_M	Package?	Rating?	Type?	SM712			
36	D7	RED	Semi_LED_SMD	LED 0805/2012 RED	Package?	Rating?	LED	RED			
37	D8	GREEN	Semi_LED_SMD	LED 0805/2012 GREEN	Package?	Rating?	LED	GREEN			
38	F1	0.25A	Other_Elec_Fuse_SMD	1206_F	1206	Rating?	Fast	0.25A			
39	J1	U.FL	Con_RF_U.FL	IPEX-3x3mm	SMD	Rating?	RF	U.FL			
40	J2	U.FL	Con_RF_U.FL	IPEX-3x3mm	SMD	Rating?	RF	U.FL			
41	J3	6'Pin	Con_Socket_SimCard_1	GCT_SIM8051_Plastik	SMD	Rating?	Nano	6'Pin			
42	J4	16b	Con_USB_C_16P	USBC_SMD_16_USB4110 - Extended	SMD	Rating?	C	16b			
43	J5	3	Con_MPH_3x1_V_THT_2.54	HDR_THT_3M_2.54m m	Package?	Rating?	Type?	3			
44	JP3	Jumper	Other_Elec_Jumper_0805	RESC2012M (0805)	0805	Rating?	Type?	Jumper			
45	JP4	0b	SW_Other_JSelector_THT	jumper selector	Dip	Rating?	Selector	0b			
						Title: Bill of Materials		Drawn by:		<div>Hossein Bagheri</div> <div> aKaReZa</div> <div></div>	
						Project: Quectel M66		Revision: 1.2			
						Company: github.com/aKaReZa75		Sheet 6 of 7			
A		B		C		D		E		F	

