

Item	Quantity	Reference	Part	PCB Footprint
4	11	B2,B3,B4,B5,B6,B7,B8,B9, B10,B11,B14	300ohm,Bead	L0603
5	2	B12,B13	30ohm,Bead	L0603
6	4	C1,C21,C22,C168	1nF,X7R	C0402
7	34	C2,C5,C8,C20,C23,C26,C33, C60,C85,C93,C94,C95,C96, C97,C98,C99,C100,C101, C102,C103,C104,C105,C106, C107,C108,C109,C110,C111, C112,C113,C114,C115,C121, C126	0.1uF,Y5V	C0402
8	11	C3,C7,C11,C24,C37,C38, C82,C83,C117,C119,C122	10uF,Y5V	C0805
9	2	C9,C4	10pF,NPO	C0402
10	5	C6,C13,C17,C18,C28	22nF,X7R	C0402
11	7	C10,C16,C19,C41,C45,C47, C48	8.2pF,NPO	C0402
12	1	C12	3.3nF,X7R	C0402
14	3	C15,C32,C125	10nF,X7R	C0402
15	1	C25	2.7pF,NPO	C0402
16	2	C27,C31	2.2pF,NPO	C0402
17	2	C29,C30	1pF,NPO	C0402
18	1	C34	8pF,NPO	C0402
19	1	C36	6.8pF,NPO	C0402
21	10	C52,C63,C69,C70,C72,C73, C81,C84,C89,C92	1uF,Y5V	C0603
22	3	C57,C59,C75	22uF,Y5V	C1206
23	1	C58	12pF,NPO	C0402
24	1	C127	0.1uF,Y5V	C0603
29	1	C167	33pF,NPO	C0402
30	1	D1	1N4148	D\LL-34
31	1	FL1	BF2520-E2R4CACT	BPF\2520
32	1	J1	USB2.0_PORT	CON4-L
33	1	LED1	GREEN LED/SMD	LED0805
34	1	L1	1.8nH	L0402
36	1	L3	2.7nH	L0402
37	1	L5	82nH	L0402
38	1	L7	6.8uH	GTSD52 L\5X5
40	1	R6	220R	R0402
41	1	R1	300R	R0402

42	12	R3,R5,R11,R12,R41,R42,L2,L4 R43,R56,R62,R63	0R	R0402
44	1	R8	12K	R0402
45	1	R9	5.6K	R0402
46	1	R13	110K	R0402
47	1	R14	2.7K	R0402
48	1	R15	240K	R0402
49	2	R16,R64	220K	R0402
50	1	R17	820K	R0402
51	1	R19	100K	R0402
52	2	R20,R59	1K	R0402
53	6	R34,R35,R48,R61,R66,R49	33K	R0402
54	1	R36	680R	R0402
55	2	R45,R67	10K	R0402
56	1	R46	470R	R0402
61	1	R65	330K	R0402
62	1	S1	NJG1600KB2	IC6\SC70\0.65
64	1	U1	OSC_40MHz/2.8V	OSC\SMD\5X3.2
65	1	U2	AL2230	IC48\QFN7X7\0.5(RF)
66	1	U3	BL2012-05B2450	BPF\2X1.25\0.65_A
67	1	U4	RT9167A-2.8V	SOT-25
68	1	U5	AIC1550	IC8\MSOP\3.05\0.65
69	1	U9	AME8805-1.8V	SOT-89
70	1	U11	SIS163U	IC121\LFBGA10X10\0.8
71	1	U12	KCM2012B900GA	L\DLW21S
72	1	U13	93LC46	IC8\SOP4\1.27