



### Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1, C2, C37, C46, C48, C56, C78, C84	ECAP 100UF 25V FW	8
2	C3, C10, C15, C20	CAP 470PF 0603 COG 50V	4
3	C4, C6, C16, C18	CAP 100pF 0603 COG 50V	4
4	C5, C8, C17, C19	Film Cap 470pF 0805 50V	4
5	C7, C9, C13, C14, C40, C43, C51, C54, C79, C85, C90, C92	CAP 100nF 0603 X7R 50V	12
6	C11, C12	Film Cap 3300pF 1206 50V	2
7	C38, C39, C47, C49, C50, C57	Film Cap 100pF 0805 50V	6
8	C42, C53	Film Cap 680pF 0805 50V	2
9	C45	CAP 4.7uF 0805 X5R 16V	1
10	D1	RB056L-40TE25	1
11	F1	RES 1R5 1206	1
12	FB1, FB2, FB3, FB4	MI0603M121R-10	4
13	FB17	FB 0805 100R/100MHZ-4A	1
14	J2	USB Micro Type B	1
15	JK1, JK2	NC3FAAH	2
16	M2	Header 2x30 2.00mm	1
17	M3	W5500 module	1
18	P1	FPC 50P 0.5mm	1
19	P2	SCP26GS31/RH	1
20	P3	112504ST/RH 4pin 2.00mm	1
21	P4	AFC07-S20FCC-00	1
22	R1, R2	RES 12.1K 0603 1%	2
23	R3, R4, R9, R10, R11, R12, R17, R18, R37, R40, R42, R44, R54, R56, R57, R59	RES 10K 0603 1%	16
24	R5, R6, R13, R14, R16, R19	RES 2.49K 0603 1%	6
25	R7, R8, R15, R20	RES 100R 0603 1%	4
26	R33, R49, R50, R63	RES 15.4K 0603 1%	4
27	R34, R47, R51, R62	RES 150R 1206 1%	4
28	R35, R45, R52, R60	RES 5.9K 0603 1%	4
29	R36, R46, R53, R61	RES 4.75K 0603 1%	4
30	R38, R43, R55, R58	RES 100K 0603 1%	4
31	R39	RES 330K 0603 1%	1
32	R41	RES 200K 0603 1%	1
33	R48	RES 47K 0603 1%	1
34	T1, T2, T4, T5	2SD2704K	4
35	T3	DTC114EKA	1
36	T10	MMBTA64LT1G	1
37	U1, U2, U3, U5, U6	MC33078YDT	5