Item	Reference	Part	PCB Footp	Quantity
1	C1, C6, C28	UWX1C100MCL1GB	153CLV-04	3
2	C2, C7, C9, C10, C13, C14, C19, C20, C21, C22, C23, C24, C25, C26, C27, C39, C41	100n/35V	C0603	17
3	C3	EEE-1VA101XP	153CLV-06	1
4	C15, C17	20p/16V	C0603	2
5	C16, C18	10p/16V	C0603	2
6	C29	10UF/35V	C0603	1
7	C30	EECS0HD334	HD334	1
8	D6	AT24C02N-10SI-2.7	SOIC8	1
9	D7	ADS7843E	TSSOP16	1
10	D8	STM32F107VCT6	TQFP100	1
11	D9	SN74LVC1T45DCKT	DCK-6	1
12	D10	W25Q64BVSSI	SOIC8-a	1
13	FID1, FID2, FID3	Fiducial	FIL	3
14	F2	1.1A	L1812	1
15	F3	1812L050PR	L1812	1
16	XS12, XS13, JTAG	XS_2x3	DIP2x3T	3
17	KP1	KEY-5	TS42	1
18	L4, L5, L6, L7, L8	BLM21PG221SN1	R0805	5
19	PWR1	LTST-C170GKT	LED0805	1
20	Q1, Q2, Q7	LBC847CLT1	SOT-23	3
21	Q3	FDN340P	SOT-23	1
22	Q8	BC817	SOT-23	1
23	RN2	RCMT08W100JT-4	RNC-8	1
24	R1, R4, R12, R21, R32, R42	1K	R0603	6
25	R2, R3, R33	4.7K	R0603	3
26	R5	0	R0603	1
27	R6, R7, R8, R11, R13, R16, R17, R20, R23, R24, R25, R28, R35, R37, R39, R40, R41, R43, R44, R47, R48	10K	R0603	21
28	R9, R10, R31, R34, R45	100K	R0603	5
29	R18, R19	22	R0603	2
30	R22, R26, R27, R29, R46	100	R0603	5
31	R36, R38	1M	R0603	2
32	SPK	KXG0905C	SPK	1
33	VC1, VC2	ON1117-3.3	SOT-223	2
34	V4, V9, V10, V13, V14	SS12	SMB	5
35	V12	CD1206-S01575	V1206	1
36	XS2, XS7	XS_2x4	IDC-2X4T-	2
37	XS4	TM032HDH01	lcd37-4	1
38	XS6	UBFD104-11W-01	431-S4M-1	1
39	XS9	WIFI CNT	IDC-2X4T-	1
40	XS10	SD	SDC009-AC	1
41	Y1	XVCEECNANF-25MHZ	5032	1
42	Y2	32.768KHZ	G3215	1
43	Z1, Z2, Z3	CG0603MLC-05E	r0603	3