

## CC1150 Tx BOM Rev D

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Item	Part Type	Designator (Red indicates back side parts)	Footprint	Mfg. Part #	Manufacturer	Count	Needed
1	4.5V	BT200	BATTERY(3-AA-PLASTIC)	2464	Keystone	1	
2	1pF	C136	CAP_0402	ECJ0EC1H010C	Panasonic	1	
3	1.5pF	C137, C138	CAP_0402	ECJ0EC1H1R5C	Panasonic	2	
4	1.8pF	C139	CAP_0402	ECDG0E1R8B	Panasonic	1	
5	2.7pF	C135	CAP_0603	GRM1885C1H2R7CZ01D	Murata	1	
6	15pF	C142, C143	CAP_0603	ECJ1VC1H150J	Panasonic	2	
7	33pF	C204, C205	CAP_0603	ECJ1VC1H330J	Panasonic	2	
8	47pF	C134	CAP_0603	ECJ1VC1H470J	Panasonic	1	
9	100pF	C140, C141	CAP_0402	ECJ0EC1H101J	Panasonic	2	
10	100pF	C104, C122	CAP_0603	ECJ-1VC1H101J	Panasonic	2	
11	220pF	C128, C129, C130	CAP_0603	ECJ1VC1H221J	Panasonic	3	
12	1000pF	C207	CAP_0603	ECJ1VC1H102J	Panasonic	1	
13	1500pF	C126	CAP_0603	ECJ1VB1H152K	Panasonic	1	
14	2700pF	C132	CAP_0603	ECJ1VB1H272K	Panasonic	1	
15	4700pF	C131	CAP_0603	ECJ1VB1H472K	Panasonic	1	
16	6800pF	C124	CAP_0603	ECJ1VB1H682K	Panasonic	1	
17	.01uF	C200, C203	CAP_0603	ECJ1VB1H103K	Panasonic	2	
18	.027uF	C133	CAP_0603	ECJ1VB1E273K	Panasonic	1	
19	.047uF	C123	CAP_0603	ECJ1VB1H473K	Panasonic	1	
20	.068uF	C125	CAP_0603	ECJ1VB1E683K	Panasonic	1	
21	.1uF	C102, C103, C107, C108, C109, C110, C111, C112, C113, C114, C115, C120, C121, C201, C202	CAP_0603	ECJ1VB1C104K	Panasonic	15	
22	.15uF	C127	CAP_0603	ECJ1VB1A154K	Panasonic	1	
23	1uF	C105, C116, C117, C119, C144	CAP_0805	C0805C105K4RACTU	Kemet	5	
24	2.2uF	C208	CAP_0805	ECJ2FB1C225K	Panasonic	1	
25	4.7uF	C206	CAP_0805	ECJ2FB1E475M	Panasonic	1	
26	10uF	C100, C101	CAP_0805	GRM21BR61A106KE19L	Murata	2	
27	68uF	C209	CAP_TANT-D	T495D686K016ATE150	Kemet	1	
28	SMA	P100	SMA	901-144-8RFX	Amphenol	1	
29	HEADER 2X2	JP201	HEADER 2X2(PTH)	PBC02DAAN	Sullins	1	
30	EXT IN SEL	JP101, JP100	HEADER 2X1(PTH)	PBC02SAAN	Sullins	2	
31	HEADER 6X2	JP102	HEADER 6X2(PTH)	PBC06DAAN	Sullins	1	
32	HEADER 7X2	JP200	HEADER 7X2(PTH)	PBC07DAAN	Sullins	1	
33	5V POWER IN	J200	POWER JACK(PJ-102A)	PJ-102A	CUI Inc	1	
34	EXT IN	J101	RCA(RCJ-02X)	RCJ-026	CUI	1	
35	26.000MHz	Y100	CRYSTAL(ABM3B)	ABM3B-26.000MHZ-10-1-U-T	Abracon	1	
36	16.384 MHz	Y200	CRYSTAL(ABRACON-AB38T)(MIRROR)	CSA309-16.384MABJ-UB	Citizen	1	
37	ORANGE LED	D203	LED(SMT0603)	LTST-C190KAKT	Lite-On	1	
38	GREEN LED	D201, D205	LED(SMT0603)	LTST-C190KGKT	Lite-On	2	
39	RED LED	D202	LED(SMT0603)	LTST-C190KRKT	Lite-On	1	
40	YELLOW LED	D204	LED(SMT0603)	LTST-C190KSKT	Lite-On	1	
41	BLUE LED	D200	LED(SMT0603)	LTST-C190TBKT	Lite-On	1	
42	BCR400W	U103	SOT343W	BCR400W	Infineon	1	
43	CC1150	U107	QFN(N16)(RST)	CC1150RSTR	Texas Instruments	1	

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44	LMV321	U101	SOT23(5)(DBV)	LMV321DBVR	Texas Instruments	1
45	LMV324	U102	TSSOP(14)(PW)	LMV324IPW	Texas Instruments	1
46	MSP430F2232	U200	TSSOP(38)(DA)	MSP430F2232IDAR	Texas Instruments	1
47	742G08	U100	USOIC(8)(DCU)	SN74LVC2G08DCU	Texas Instruments	1
48	TPS73033	U201	SOT23(5)(DBV)	TPS73033DBV	Texas Instruments	1
49	TS5A3157	U104, U105, U106, U108	SOT23(6)(DBV)	TS5A3157DBV	Texas Instruments	4
50	6.8nH	L110	IND_0402	MLK1005S6N8D	TDK	1
51	12nH	L103, L104, L105	IND_0603	MLG1608B12NJ	TDK	3
52	12nH	L106, L107	IND_0402	MLK1005S12NJ	TDK	2
53	18nH	L108, L109	IND_0402	MLK1005S18NJ	TDK	2
54	39nH	L102	IND_0603	MLG1608B39NJ	TDK	1
55	Z60	FB100, FB101, FB102	BEAD_0603	HI0603P600R-10	Steward	3
56	Z650	FB104, FB105, FB200	BEAD_0603	HZ0603C651R-10	Steward	3
57	MICROPHONE	MIC100	MIC(WM-64PN)	WM-64PNT	Panasonic	1
58	14	R128	RES_0603	ERJ3EKF14R0V	Panasonic	1
59	16.2	R120, R121	RES_0603	ERJ3EKF16R2V	Panasonic	2
60	332	R203, R204, R205, R206, R207, R208	RES_0603	ERJ3EKF3320V	Panasonic	6
61	1K	R102	RES_0603	ERJ3EKF1001V	Panasonic	1
62	1.15K	R125	RES_0603	ERJ3EKF1151V	Panasonic	1
63	2K	R100	RES_0603	ERJ3EKF2001V	Panasonic	1
64	2.21K	R101	RES_0603	ERJ3EKF2211V	Panasonic	1
65	2.32K	R124	RES_0603	ERJ3EKF2321V	Panasonic	1
66	4.42K	R114, R115	RES_0603	ERJ3EKF4421V	Panasonic	2
67	4.64K	R111, R112	RES_0603	ERJ3EKF4641V	Panasonic	2
68	4.75K	R123	RES_0603	ERJ3EKF4751V	Panasonic	1
69	5.36K	R117, R118	RES_0603	ERJ3EKF5361V	Panasonic	2
70	9.09K	R132	RES_0603	ERJ3EKF9091V	Panasonic	1
71	9.53K	R109	RES_0603	ERJ3EKF9531V	Panasonic	1
72	10K	R122	RES_0603	ERJ3EKF1002V	Panasonic	1
73	10.5K	R116	RES_0603	ERJ3EKF1052V	Panasonic	1
74	12.1K	R113	RES_0603	ERJ3EKF1212V	Panasonic	1
75	15.4K	R119	RES_0603	ERJ3EKF1542V	Panasonic	1
76	20.0K	R104, R105, R129, R130	RES_0603	ERJ3EKF2002V	Panasonic	4
77	49.9K	R103, R131, R200, R201, R202	RES_0603	ERJ3EKF4992V	Panasonic	5
78	56.2K	R127	RES_0603	ERJ3EKF5622V	Panasonic	1
79	90.9K	R110	RES_0603	ERJ3EKF9092V	Panasonic	1
80	100K	R108	RES_0603	ERJ3EKF1003V	Panasonic	1
81	Power	SW203	SWITCH (E-SW-800-SP8)	200AWMSP3T1A1M2RE	E-Switch	1
82	RESET	SW202, SW201, SW200	SWITCH (PAN_EVQ-PJ)	EVQ-PJX04M	Panasonic	3
83	GND	TP200, TP201	TESTPOINT-1	5001	Keystone	2
84	BFP450	Q100	SOT343R	BFP450E6327	Infineon	1
87	BFP450	Q100	SOT343R	BFP450E6327	Infineon	1