

Item	Quantity	Reference	Manufacture	PCB Footprint	Value	Part Number
1	1	BAT+		BAT-S2_CR2032	BAT+	
2	1	BAT-		BAT-S1_CR2032	BAT-	
3	2	CN3, CN6	MOLEX	FFC0.5mm/14PIN	05002HR-14CE	503480-1400
4	4	C1,C10,C11,C17	MURATA	0402	1.0uF	GRT155R61E105ME01D
5	7	C3,C4,C5,C6,C7,C9,C88	MURATA	0402	10uF	GRM155R60J106ME15D
6	1	C12	Taiyo Yuden	0402	22uF	MEASA10SCB5226MFNA01
7	2	C15,C37	MURATA	0402	0.1uF	GRM155R61E104KA87
8	16	C18,R20,R22,R27,SB158,	YAGEO	0201	0ohm	AC0201JR-070RL
		R166,R168,R173,R174,R175,				
		R176,R177,R178,R190,R196				
		SB177				
9	1	C97	Murata	0201	1000pF	GRM0335C1E102GA01D
10	2	C20,C21	Murata	0201	1.8pF	GJM0335C1H1R8BB01D
11	3	C31,C32,C61	TAIYO-YUDEN	0201	0.1uF	EMK063BJ104KP-F
12	5	C65,C91,C92,R154,R155	Murata	0201	27pF	GRM0335C1E270JA01D
13	2	C95,C96	Murata	0201	1.0pF	GJM0335C1H1R0BB01D
14	3	DS2,DS14,DS16	ams OSRAM	LED_LT_QH9G	Green LED	LT QH9G-Q20O-25-2Z4Y
15	1	DS12	WURTH ELEKTRONIK	LED-0603	YELLOW LED	150060YS75000
16	1	DS13	ROHM	LED_SML_P12U2TT86R	Red LED	SML-P12U2TT86
17	1	D4	FAIRCHILD	SOD323F_H1	1N4148WS	1N4148WS
18	1	JP16	AMPHENOL ICC (FCI)	HDR1X2	HDR1X2	68000-102HLF
19	2	J3,J4	AMPHENOL ICC (FCI)	HEADER1X8_2P54	HDR1X8	68000-108HLF
20	2	J10,J26	TE Connectivity Linx	RFCON4_2L6_2W6_1H25	CONMHF1-SMD-T	CONMHF1-SMD-T
21	1	L1	MURATA	L_DFE25012F	3.3uH	LQM2MPN3R3NG0L
22	1	L11	TDK	0201	2.7nH	MHQ1005P2N7BT000
23	1	L12	TDK	0201	3nH	MHQ0603P3N0CT000
24	1	Q5	DIODES	SOT23	BC847	BC847
25	4	Q21,Q22,Q23,Q24	DIODES	TRA-SOT23	DMN3731U	DMN3731U
26	1	R6	T-AI	0201	1ohm	RM02JTN1R0
27	2	R9,R183	WALSIN	0402	1M	WR04X1004FTL
28	5	R15,R24,R184,R185,R186	WALSIN	0201	100K	WR02X1003FAL
29	7	SB9,R21,R179,R187,R191,	PANASONIC	0402	0	ERJ-2GE0R00X
		R192,R194				
30	4	R23,R36,R69,R71	YAGEO	0201	10K	RC0201FR-0710KL
31	1	R55	YAGEO	0402	560	RC0402JR-07560RL
32	1	R169	YAGEO	0201	180	RC0201FR-07180RL
33	3	R180,R172,R181,R188	YAGEO	0201	560	RC0201JR-07560RL
34	1	S6	E-Switch	SW_TL1017AAA	TL1017AAAF260QG	TL1017AAAF260QG
35	2	S7,S8	C&K	SWI-SM-PTS645	SWI-SM-PTS645	PTS645SK50SMTR92 LFS
36	1	U1	Atmosic	QFN-40-5X5-0.4MM	ATM3405-5WCAQK	ATM3405-2PCAQK
37	1	U3	STMMicroelectronics	LGA-16-3X3	LIS3DH	LIS3DH
38	1	U4	SCIOSENSE	SON-04-2X2MM	ENS210-LQFM	ENS210-LQFM
39	1	U8	Same Sky	BUZZER_CMT_7525_03_SMT_TR	CMT-7525-03-SMT-TR	CMT-7525-03-SMT-TR
40	1	U27	MURATA	QFN6_1L1_0W7_0H6_0P4	XMSSJR8G2PA-246	XMSSJR8G2PA-246
41	1	Y1	SEIKO	XTAL-SMD2-2.0X1.2MM	32K XTAL	SC20S-7PF20PPM
42	1	Y2	Hosonic	XTAL-ECX-2236	16M XTAL	E1SB16E00001KE