

Item	Quantity	Reference	Manufacture	PCB Footprint	Part	Part Number
1	1	CN3	MOLEX	FFC/0.5mm/14PIN	05002HR-14CE	503480-1400
2	2	C3,C9	MURATA	0402	1000pF	GRT1555C1H102JA02D
3	1	C4	MURATA	0603	22uF(0603)	CC0603MRX5R5BB226
4	6	C5,C12,C15,C16,C19,C74	MURATA	0402	10uF	GRM155R60J106ME15D
5	2	C8,C11	MURATA	0402	4.7uF	GRM155R60J475ME47D
6	3	C10,C73,C92	MURATA	0402	0.1uF	GRM1555R71H104KE14
7	2	C24,C90	JOHANSON	0402	10pF	500R07S100JV4T
8	1	C30	JOHANSON	0402	1pF	500R07S1R0BV4T
9	1	C31	MURATA	0402	1.5pF	GRM1555C1H1R5BA01D
10	2	C38,C47	JOHANSON	0402	10pF Johanson	500R07S100JV4T
11	3	C40,C41,C46	JOHANSON	0402	1pF Johanson	500R07S1R0BV4T
12	1	C43	JOHANSON	0402	1.8pF Johanson	500R07S1R8BV4T
13	1	C51	MURATA	0603	22uF	CC0603MRX5R5BB226
14	1	C75	MURATA	0402	1uF	GRM1555R71H105KE14
15	1	DS1	SUNLED	LED-0402	RED LED	XZMER68W-3
16	1	DS2	SUNLED	LED-0402	GREEN LED	XZVGR68W-3
17	1	D2	ROHM	SMD1006	RB160QS-40	RB160QS-40
18	1	IR1	YELLOW STONE CORP.	LED-L-524EIR1C	IR-LED	BIR-BM13E4G-2.
19	2	JP4,JP5		HDR1X2	JUMPER-2	M20-9750342
20	1	J2	PANASONIC - BSG	PV_CON	PV_AM-1454CA	AM-1454CA
21	1	J10		CON-HRS-UFL	CON RF 3PIN	
22	1	L3	MURATA	IND-2016-2	4.7uH	LQM2MPN4R7MG0L
23	1	L5	MURATA	0402	2.2nH	LQG15HS2N2S02D
24	1	L6	MURATA	0402	3nH	LQG15HS3N0S02D
25	3	L16,L21,L22	TDK	0402	4.7nH TDK/MHQ	MHQ1005P4N7BT000
26	2	L17,L20	TDK	0402	1.2nH TDK/MHQ	MHQ1005P1N2BT000
27	1	L19	TDK	0402	1.5nH TDK/MHQ	MHQ1005P1N5BT000
28	1	M1	ZILLTEK	MIC\MEM\SPH0641LM4H-1	ZTS6572SE	ZTS6572SE
29	2	Q4,Q8	DIODES	SOT23	FMMT493	FMMT493
30	11	R73,R94,R95,R106,C93,R103,DM11,DM12,DM13,DM14,DM17	WALSIN	0402	0	WR04X000PTL
31	1	R3	YAGEO	0402	1	RC0402FR-071RL
32	2	R4,R77	WALSIN	0402	220	WR04X2200FTL
33	4	R10,R11,R13,R93	WALSIN	0402	1M	WR04X1004FTL
34	1	R26	WALSIN	0402	220	WR04X2200FTL
35	2	R27,R109	WALSIN	0402	2K	WR04X2001FTL
36	1	R46	WALSIN	0603	0(0603)	WR06X000 PTL
37	1	R74	YAGEO	0402	15M	0402WGF1505TCE
38	1	R75	YAGEO	0402	14.3M	0402WGF1435TCE

39	1	R101	WALSIN	0201	0(0201)	WR02X000PAL
40	1	R104	WALSIN	0402	220K	WR04X224JTL
41	1	R105	WALSIN	0402	10K	RC0402JR-0710KL
42	1	S6	OMRON	SWI-SM-PTS645	B3F-3100	B3F-3100
43	1	U1	ATMOSIC	QFN-56-7X7-0.4MM-EP5.2MM	ATM3231-7x7	ATM3231
44	1	U2	GIANTEC	SO8NB	GT25Q20C	GT25Q20C
45	1	U8	MURATA	RF_SWD	MM8430-2610(SWD)	MM8430-2610
46	1	Y1	ECS	XTAL-SMD2-2.0X1.2MM	32K XTAL	ECS-.327-7-12R-TR
47	1	Y2	ECS	XTAL-ECX-2236	K301F	ECS-160-8-36-JTN-TR