

No	Quantity	Reference	Manufacture	PCB Footprint	Part	Manufacture_Part_Number
1	1	CN1	MOLEX	FFC/0.5mm/14PIN	05002HR-14CE	503480-1400
2	1	C1	JOHANSON	0402	2pF	500R07S2R0BV4T
3	1	C2	JOHANSON	0402	1.2pF	500R07S1R2BV4T
4	1	C3	MURATA	0402	10pF	500R07S100JV4T
5	1	C7	WALSIN	0402	1.8pF	500R07S1R8BV4T
6	8	C8,C9,C10,C15,C20,C24,C32,C42	MURATA	0402	10uF	GRM155R60J106ME15D
7	1	C11	TDK	0402	4.7uF	CL05A475MO5NUNC
8	9	C12,C13,C14,C22,C25,C26,C29,C34,C43	MURATA	0402	1.0uF	GRT155R61E105ME01D
9	1	C16	MURATA	0603	22uF	CC0603MRX5R5BB226
10	1	C17	MURATA	1206	47uF	CL31A476MQHNNNE
11	2	C18,C19	MURATA	1206	47uF	CL31A476MQHNNNE
12	3	C23,C30,C33	MURATA	0402	0.1uF	GMD155R71C104KA1D
13	2	C35,C36	EATON	C_VEL08253R8506G	50F	VEL08253R8506G
14	1	C37	MURATA	0603	10uF	GRM185R60J106ME15J
15	1	C44	WALSIN	0402	0.33uF	CL05A334MQ5NNNC
16	1	R9	MURATA	0402	0.068uF	GRM155R71E683KE14D
17	13	DM1,DM3,DM6,DM8,DM9,DM10,DM12,DM13,DM14,DM19,DM31,DM2,DM7	WALSIN	0402-DUMMY	0ohm	ERJ-2GE0R00X
18	5	DM17,DM21,DM26,DM27,DM28	WALSIN	0402-DUMMY	0ohm	ERJ-2GE0R00X
19	1	DS1	SUNLED	LED-0402	RED LED	XZMER68W-3
20	1	DS2	SUNLED	LED-0402	GREEN LED	XZVGR68W-3
21	1	D1	LITTELFUSE	PGB1010603	PGB1010603	PGB1010603
22	1	D2	ROHM	SMD1006	RB160QS-40	RB160QS-40
23	1	D3	DIODES	SOT23	BAT54S-7-F	BAT54CT-7-F
24	1	D4	FAIRCHILD	SOD323F_H1	1N4148WS	1N4148WS
25	1	D6	Yangzhou Yangjie	SMA_W	SS12	SS12
26	1	IR1	BRIGHT LED ELECTRONICS	LED-L-524E1R1C	IR-LED	BIR-BM13E4G-2.
27	1	L1	TDK	0402	4.3nH	MHQ1005P4N3BT000
28	1	L2	TDK	0402	2.4nH	MHQ1005P2N4BT000
29	1	L3	MURATA	IND-2016-2	3.3uH	LQM2MPN3R3NG0L
30	1	L4	Microgate	L_MPIT6028	47uH	MPIT5020-470M-LF
31	1	L5	TDK	0402	4.7nH	MHQ1005P4N7BT000
32	1	M1	ZILLTEK	MIC\MEM\SPH0641LM4H-1	ZTS6572SE	ZTS6572SE
33	3	Q4,Q6,Q7	DIODES	SOT23	FMMT493	FMMT493TA
34	1	Q5	DIODES	SOT23	BC847	BC847
35	1	Q8	Yangzhou Yangjie	SOT23	YJL2312A	YJL2312A
36	2	R1,R2	WALSIN	402	220	WR04X2200FTL
37	1	R3	WALSIN	1206	3	WR12X3R0JTL
38	1	R4	WALSIN	0402	470	RC0402JR-07470RL
39	3	R7,R8,R122	WALSIN	0402	0ohm	ERJ-2GE0R00X
40	1	R11	WALSIN	0402	1M	WR04X1004FTL
41	2	R10,R14	WALSIN	0402	100K	WR04X1003FTL
42	1	R12	WALSIN	0603	1M	WR06X1004FTL
43	1	R13	WALSIN	0402	180	WR04X1800FTL
44	1	R16	WALSIN	1206	0ohm	WR12X000 PTL
45	1	R18	WALSIN	0402	10K	WR04X1002FTL
46	1	R19	WALSIN	0402	18.7K	WR04X1872FTL
47	1	R21	VIKING	0402	619K	CR-02FL6-619K
48	1	R22	WALSIN	0402	4.7K	WR04X4701FTL
49	1	R23	VIKING	0402	332K	CR-02FL6-332K
50	1	R25	WALSIN	0402	1ohm	RC0402FR-071RL
51	2	R27,R28	WALSIN	0603	0ohm	WR06X000
52	1	R123	WALSIN	0402	2K	WR04X2001FTL
53	2	R125,R126	YAGEO	0402	5.1K	RT0402FRE075K1L
54	1	U1	ATMOSIC	QFN-56-7X7-0.4MM-EP5.2MM	ATM3330E	ATM3330e
55	1	U4	MURATA	RF_SWD	MM8430-2610	MM8430-2610
56	1	U5	HIROSE	CX90B-16P-1	CX90B-16P	CX90B-16P
57	1	U6	RICHTEK	SOT23-5	RT9053AGB	RT9053AGB
58	1	U7	MICRO ONE CORP.	SOT23-5	ME6226C33M5G	ME6226C33M5G
59	1	U8	FDCOMM	BUZZER_SMD_090032H	SMD-090032H	SMD-090032H
60	1	Y1	SEIKO	XTAL-SMD2-2.0X1.2MM	32K	06-0000018
61	1	Y2	ECS	XTAL-ECX-2236	16M	06-0000013