

Item	Quantity	Reference	Manufacture	Footprint	Value	Part Number
1	1	CN1	AMPHENOL	JP-26-1	FFC/26PIN/1MM/D	SFW26R-1STE1LF
2	1	CN3	MOLEX	FFC/0.5mm/14PIN	05002HR-14CE	503480-1400
3	2	CON2,CON3	MOLEX	CON2/SMT/A	CON2P 2.54	53261-0271
4	5	C8,C9,C10,C15,C24	MURATA	0402	10uF	GRM155R60J106ME15D
5	1	C11	MURATA	0402	4.7uF	GRM155R60J475ME47D
6	9	C12,C13,C14,C16,C25 C26,C29,C34,C52	MURATA	0402	1uF	GRT155R61E105ME01D
7	3	C17,C18,C19	SAMSUNG	1206	47uF	CL31A476MQHNNNE
8	3	C30,C33,C42	MURATA	0402	0.1uF	GMD155R71C104KA1D
9	2	C35,C36	Vinatech	C_VEL08253R8506G	50F	VEL08253R8506G
10	1	C37	MURATA	0603	10uF	GRM185R60J106ME15J
11	1	C45	MURATA	0201	10pF	GRM0335C1H100GA01D
12	1	C46	MURATA	0201	0.8pF	GRM0335C1HR80WA01D
13	1	C49	MURATA	0201	1.8pF	GRM0335C1H1R8BA01D
14	1	C50	MURATA	0201	3.0pF	GRM0335C1H3R0BA01D
15	1	DS1	NATIONSTAR	LC-1206 LED_FT	RED LED	NCD1206R1
16	2	DS2,DS6	NATIONSTAR	LC-1206 LED_FT	Green LED	NCD1206G1
17	1	D1	LITTELFUSE	PGB1010603	PGB1010603	PGB1010603
18	1	D2	ROHM	SMD1006	RB160QS-40	RB160QS-40
19	1	D7	qzhou Yangjie Electrc	SMA_W	SS12	SS12A
20	6	,DM7,DM17,DM21,DM26,DM	PANASONIC	0402	0R	ERJ-2GE0R00X
21	1	L3	MURATA	IND-2016-2	3.3uH	LQM2MPN3R3NG0L
22	1	L4	TDK	0201	2.2nH	MHQ0603P2N2BT000
23	1	L5	TDK	0201	4.3nH	MHQ0603P4N3HT000
24	1	L6	TDK	0201	5.6nH	MHQ0603P5N6HT000
25	1	L7	MICROGATE	L_MPIT6028	47uH	MPIT5020-470M-LF
26	2	Q1,Q18	NEXPERIA	TRA-SOT23	MMBT3904/SOT	PMBT3904-215
27	1	Q8	qzhou Yangjie Electrc	SOT23	YJL2312A	YJL2312A
28	1	Q20	NEXPERIA	TRA-SOT23	NX2301P	NX2301P
29	1	Q21	DIODES	TRA-SOT23	DMN3731U	DMN3731U
30	3	R2,R155,R156	WALSIN	0402	1K	WR04X1001FTL
31	33	R3,R8,R30,R31,R33,R34, R35,R124,R125,R126,R127, R128,R129,R130,R131,R132, R133,R134,R135,R136,R137, R138,R139,R140,R141,R142, R143,R144,R145,R146,R147, R148,R149	PANASONIC	0402	0R	ERJ-2GE0R00X
32	1	R9	MURATA	0402	0.068uF	GRM155R71E683KE14D
33	1	R18	WALSIN	0402	10K	WR04X1002FTL
34	3	R10,R14,R158	WALSIN	0402	100K	WR04X1003FTL
35	1	R16	WALSIN	1206	0R	WR12X000 PTL
36	1	R19	YAGEO	0402	16.9K	RC0402FR-0716K9L
37	1	R21	YAGEO	0201	6.19K	RC0201FR-076K19L
38	1	R22	YAGEO	0402	4.3K	RC0402FR-074K3L
39	1	R23	YAGEO	0201	3.16K	RC0201FR-073K16L
40	1	R25	YAGEO	0402	1R	RC0402FR-071RL
41	3	R27,R151,R159	YAGEO	0201	0R	AC0201JR-070RL
42	2	R32,R152	WALSIN	0402	4.7K	WR04X4701FTL
43	1	U1	ATMOSIC	QFN-56-7X7-0.4MM-EP5.2MM	ATM3330e	ATM3330e
44	1	U6	RICHTEK	SOT23-5	RT9053AGB	RT9053AGB
45	1	U11	Murata	RF_SWD	MM8430-2610(SWD)	MM8430-2610(SWD)
46	1	Y1	SEIKO	XTAL-SMD2-2.0X1.2MM	32KHz XTAL	SC20S-7PF20PPM
47	1	Y2	ECX	XTAL-ECX-2236	K301F	ECS-160-8-36-JTN-TR