

Item	Quantity	Reference	Part	PCB Footprint	VENDOR	VENDOR_PT_NO	COMPHEIGHT	COMPSIDE	Comments
1	2	C1,C9	0.1uF	SM/C_0805_DRT	Digikey	478-1395-1-ND	0	TOP	
2	4	C2,C3,C10,C11	0.33uF	SM/C_1206_DRT	Digikey	445-4010-1-ND	0	TOP	
3	6	C4,C5,C8,C12,C13,C16	100uF	PANASONIC_CAP_G	Digikey	PCE4072CT-ND	402	TOP	
4	2	C6,C14	3300uF	CAP_PAN_M_3300UF_25V	Digikey	493-1569-ND	625	TOP	
5	4	C7,C15,C17,C18	0.33uF	SM/C_1206_DRT	Digikey	445-4010-1-ND	0	BOT	
6	1	D1	ES1D	DIODE_SMA	Digikey	ES1DFSCT-ND	0	BOT	
7	2	D2,D4	TRANSORB 38 VDC	SM/C_0805_DRT	Digikey	495-2598-1-ND	0	TOP	
8	1	D3	ES1D	DIODE_SMA	Digikey	ES1DFSCT-ND	0	TOP	
9	8	E1,E2,E3,E4,E5,E6,E7,E8	CON1	TP_025	n/a	n/a	0	TOP	
10	1	J1	CGRID RT ANGLE	C_GRID_RTANGL_8	Digikey	WM4906-ND	275	TOP	
11	1	J2	CGRID RT ANGLE	C_GRID_RTANGL_3	Digikey	WM4901-ND	275	TOP	
12	1	J3	CGRID RT ANGLE	C_GRID_RTANGL_5	Digikey	WM4903-ND	275	TOP	
13	1	K1	V23105A5005A201	DIP.100/16/W.300/L.900	Digikey	PB385-ND	0	TOP	
14	4	L1,L4,L7,L8	BLM21PG221SN1D	SM/R_0805_DRT	Digikey	490-1054-1-ND	0	BOT	
15	4	L2,L3,L5,L6	BLM21PG221SN1D	SM/R_0805_DRT	Digikey	490-1054-1-ND	0	TOP	
16	4	MT1,MT2,MT3,MT4	#4 w/WASHER	MT_HOLE_NO_4_W_WASHER	n/a	n/a	0	TOP	
17	1	R1	2.61k	SM/R_2512_DRT	Digikey	541-2.61KAFCT-ND	35	BOT	
18	1	R2	10k	SM/R_0805_DRT	Digikey	P10.0KCCT-ND	0	BOT	
19	1	R3	10k	SM/R_0805_DRT	Digikey	P10.0KCCT-ND	0	TOP	
20	1	R4	100k	SM/R_0805_DRT	Digikey	P100KCCT-ND	0	TOP	
21	2	U1,U2	NDL2409S	NDL_DCDC	Digikey	811-1363-5-ND	438	TOP	
22	1	U3	VN820SP	POWERSO-10	Digikey	497-3298-1-ND	144	TOP	