

Item #	Quantity	Part Ref	Value	Description	Mfg	Mfg Part Number
1	2	C1, C2	2.2 μ F	2.2 μ F, 400 V, High Voltage Al Electrolytic, (11.5 mm x 8 mm)	Nichicon	ULD2G2R2MPD1TD
2	1	C3	0.22 nF	0.22 nF, 630 V, High Voltage Ceramic	TDK	FA26C0G2J221JNU00
3	1	C4	1 μ F	1 μ F, 16 V, Ceramic, X7R	TDK	FK18X7R1C105K
4	1	C5	0.068 nF	0.068 nF, 250 VAC, Ceramic, Y Class	Vishay Cera-Mite	440LQ68-R
5	2	C6, C7	470 pF	470 pF, 200 V, High Voltage Ceramic	Kemet	C317C471K2R5TA
6	1	C8	470 μ F	470 μ F, 10.0 V, Electrolytic, Super Low ESR, 72 m Ω , (11.5 mm x 8 mm)	United Chemi-Con	EKZE100ELL471MHB5D
7	1	C9	100 μ F	100 μ F, 10.0 V, Electrolytic, Low ESR, 500 m Ω , (11.5 mm x 5 mm)	United Chemi-Con	ELXZ100ELL101MEB5D
8	1	C10	100 μ F	100 μ F, 10.0 V, Electrolytic, Super Low ESR, 300 m Ω , (11 mm x 5 mm)	United Chemi-Con	EKZE100ELL101ME11D
9	4	D1, D2, D3, D4	1N4006-E3/54	800 V, 1 A, Standard Recovery, DO-41	Vishay	1N4006-E3/54
10	1	D5	RMPG06K-E3/54	800 V, 1 A, Fast Recovery, 250 ns, MPG06	Vishay	RMPG06K-E3/54
11	2	D6, D7	SB160	60 V, 1 A, Schottky, DO-41	ON Semiconductor	SB160
12	1	L1	1 mH	1 mH, 0.18 A	Kemet	SBC2-102-181
13	1	L2	3.3 μ H	3.3 μ H, 2.66 A	Bourns Inc.	RL822-3R3K-RC
14	1	R1	620 k Ω	620 k Ω , 5 %, 0.25 W, Carbon Film	Generic	
15	1	R2	47 Ω	47 Ω , 5 %, 0.25 W, Carbon Film	Generic	
16	2	R3, R4	22 Ω	22 Ω , 5 %, 0.25 W, Carbon Film	Generic	
17	1	R5	21.5 k Ω	21.5 k Ω , 1 %, 0.125 W, Metal Film	Generic	
18	1	R6	9.31 k Ω	9.31 k Ω , 1 %, 0.125 W, Metal Film	Generic	
19	1	RF1	10 Ω	10 Ω , 2 W, Flameproof Wire-Wound Resistor	Vitrohm	CRF253-4 10R
20	1	RV1	V275LA4P	275 V, 23 J, 7 mm, RADIAL, MOV	Littelfuse	V275LA4P
21	1	T1	EF12.6	3F3 Core Material See Transformer Construction's Materials List for complete information	TDK	PC40EF12.6-Z
22	1	U1	LNK623DG	LinkSwitch-CV, LNK623DG, SO-8C	Power Integrations	LNK623DG
23	1			52 mm ² area on Copper PCB. 2 oz (70 μ m) thickness. Heatsink for use with Device U1.	Custom	
24	1			52 mm ² area on Copper PCB. 2 oz (70 μ m) thickness. Heatsink for use with Rectifier D6.	Custom	
25	1			52 mm ² area on Copper PCB. 2 oz (70 μ m) thickness. Heatsink for use with Rectifier D7.	Custom	