

Item	Qty	Reference	Description	Size	Value	MFR	Part Number
1	1	C12	CAP, CERM, 150pF, 50V, +/-5%, COG/NP0, 0603	0603	NA	Murata	
2	1	D8	Diode, Schottky, 40V, 1A, SOD-123	SOD123	1N4148WS	STD	
3	4	L LED+ LED	PCB Pin, TH			STD	
4	1	BR1	Diode Bridge		HD06	STD	HD06
5	2	C1, C3	CAP, CERM, 0.1uF, 450V, X7R, 10%, 1210	1210	0.1uF	Murata	
6	1	C2	CAP, CERM, 0.22uF, 450V, X7R, 10%, 1210	1210	0.22uF	Murata	
6	1	C4	AP, Alum, 100uF, 50V, +/-20%, Radial, 6.3mm x 12.5mm		100uF	Panasonic	
7	1	R9	RES, 150 ohm, 1%, 0.1W, 0603	0603	150	STD	
8	1	R8	RES, 1.00k ohm, 1%, 0.1W, 0603	0603	1K	STD	
9	1	R5	RES, 20.0k ohm, 1%, 0.1W, 0603	0603	20K	STD	
10	1	R3	RES, 1%, 0.1W, 0603	0603	NA	STD	
11	1	R7	RES, 62k ohm, 1%, 0.1W, 0603	0603	62K	STD	
12	1	R14	RES, 750k ohm, 1%, 0.1W, 0603	0603	750K	STD	
13	1	R10	RES, 2.2 ohm, 1%, 0.125W, 0805	0805	2.2	STD	
14	2	R6, R4	RES, 330k ohm, 1%, 0.25W, 1206	1206	330K	STD	
16	1	D5	Diode, [Type], 400V, 1A, SOD-123H	SOD-123H	CSFMT106-HF	Comchip	
17	1	D3	Diode, Dual, 70V, 0.25A, SOT-23	SOT-23	BAT54A	Diodes	
18	1	D2	Diode, Schottky, 200V, 0.25A, SOD-323	SOD323	BAS20HT1G	Diodes	
19	2	L3-4	0.5A Ferrite Bead, 1.5kohm @ 100MHz	0805	BLM18HE1 52SN1D	Murata	
20	1	FR	FUSE, 1A, 250V	R1/4WA	1A, 250V	Holly	20T-010H
21	1	C7	CAP, CERM, 470pF, 50V, +/-5%, COG/NP0, 0603	0603	470pF	Murata	
22	1	C8	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0603	0603	100nF	Murata	
23	1	C5	CAP, CERM, 4700pF, 25V, +/-10%, X7R, 0603	0603	4.7nF	Murata	
24	1	C6	CAP, CERM, 0.033uF, 50V, +/-10%, X7R, 0603	0603	33nF	Murata	
25	1	C11	CAP, CERM, 100pF, 630V, +/-5%, COG/NP0, 1210	1206	NA	Murata	
26	1	L2	Inductor, 2200uH, 300mA, 4.73ohm max, Radial		2.2mH	wurth	7447471222
27	1	L1	Inductor, 3300uH, 300mA, 4.73ohm max, Radial		3.3mH	STD	
28	1	Q1-2	MOSFET N-CH, 2.2A, 250V, 2ohm, 8.5nC	TO251	IRFU214PBF	Fairchild	IRFU214PBF
30	1	Q3	Transistor, PNP, 300V, 0.2A, SOT-23	SOT-23	MMBTA92	Diodes	

31	2	R1-2	RES, 100ohm, 1%, 1W		100	STD	
32	1	U1	Off-Line Dimmable LED driver, 6-pin SOT-23 (DBV)	SOT-23-6	TPS92075D DC	TI	TPS92075DDC
33	1	D7	Diode, Zener, 4.7V, 400mW, SOD-323	SOD323	STD	STD	
34	2	D1 D4	Diode, Zener, 4.7V, 400mW, SOD-323	SOD323	STD	STD	

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