

Component list

Bill of Materials For Project [LED_Box.PrjPcb] (No PCB Document Selected)

Source Data From:

Project:

Variant:

LED_Box.PrjPcb

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None

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#	Designator	Bezeichnung	Comment	Hersteller	Bestell-Nr.	Lieferant	Quantity
1	A1B		LTC4015				1
2	A1L1, A1L2		LT3477				2
3	A1R		RN2483				1
4	A1U	CP2102-GM	CP2102	Silicon Labs	526-8841	RS Components	1
5	A2U	SP0503BAHTG	SP0503	Littelfuse	793-1967	RS Components	1
6	B1M	ABS06-32.768KHZ-9-1-T	32,768kHz	ABRACON	2467861	Farnell	1
7	BT1B		Battery				1
8	C1B, C2M, C2R, C2U, C3M, C4U, C5M,	08055C104KAT2A	100n	AVX	464-6688	RS Components	15
9	C1L1, C1L2, C2L1, C2L2, C3L1, C3L2	C1210C475K5RACTU	4.7u	KEMET	691-1265	RS Components	6
10	C1M, C1R, C3U, C4M	C0805C105K3RACTU	1u	KEMET	1637035	Farnell	4
11	C1U, C21B, C25B	C1210C106K3RACTU	10u	Kemet	1358512	Farnell	3
12	C3B, C22B	MC0805B222K500CT	2.2n	MULTICOMP	1759235	Farnell	2
13	C4B	C1210C106K3RACTU	10u	Kemet	1358512	Farnell	1
14	C4L1, C4L2	C2012C0G1E333J125AA	4.7n	TDK	915-9249	RS Components	2
15	C5B, C14B	08053C334KAT2A	330n	AVX	1833878	Farnell	2
16	C5L1, C5L2	C2012C0G1E333J125AA	33n	TDK	915-9249	RS Components	2
17	C6L1, C6L2, C8M, C19B	C0805C103M5RACTU	10n	Kemet	2581081	Farnell	4
18	C6M, C7M	MC0805N9R0D500CT	9p	MULTICOMP	1759189	Farnell	2
19	C7B, C8B, C9B	CGA8P1X7R1E226M250KC	22u	TDK	915-5465	RS Components	3
20	C10B	MC0805N101J500CT	100p	MULTICOMP	1759203	Farnell	1
21	C13B	MC0805B474K500CT	470n	MULTICOMP	2320847	Farnell	1
22	C15B	MCU0805C102JCT	1n	MULTICOMP	9406212	Farnell	1
23	C17B, C23B	C3225X7R1C226K250AC	22u	TDK	2112725	Farnell	2
24	C20B	C0805C224K5RACTU	220n	Kemet	1288261	Farnell	1
25	G1M	ASEMB-8.000MHZ-LY-T	8MHz	ABRACON	2673051	Farnell	1
26	K1B, K3B, K4B	FDMC8327L	FDMC8327L	Fairchild Semiconductor	864-8203	RS Components	3
27	K1L1, K1L2, K3L1, K3L2	2N7002	MOSFET N-channel	Fairchild Semiconductor	671-0312	RS Components	4

28	K1M	MIC5201-3.3YS-TR	LDO_2	Microchip	910-1795	RS Components	1
29	K2B	SI7611DN-T1-GE3	SI7611DN	Vishay	2547310	Farnell	1
30	K2L1, K2L2, K5B	FDC658P	pmos FDC658	Fairchild	671-0359	RS Components	3
31	K2M	STM32L152RET6	STM3215x	STMicroelectronics	2469628	Farnell	1
32	K4L1, K4L2, K6B	BC848C	BC848C	Infineon	445-2039	RS Components	3
33	P1L1, P1L2		LED				2
34	P1M	MCL-S250GC	LED	MULTICOMP	1581232RL	Farnell	1
35	R1B, R8B	ERJM1WSF10MU	0.01R	Panasonic	567-045	RS Components	2
36	R1L1, R1L2, R3L1, R3L2	MCWR08X1001FTL	1k	MULTICOMP	2447587	Farnell	4
37	R1M, R2M, R9L1, R9L2, R12B, R17L1,	MCWR08X1003FTL	100k	MULTICOMP	2447551	Farnell	7
38	R1U, R3B, R4B, R5M, R6M, R9B, R14B,	MCWR08X1002FTL	10k	MULTICOMP	2447553	Farnell	9
39	R2B	ERJ6ENF2943V	294k	PANASONIC ELECTRONIC COMPONENTS	2303812	Farnell	1
40	R2L1, R2L2, R15B, R19L1, R19L2	MM5Z15V	15V	Fairchild Semiconductor	802-3004	RS Components	5
41	R3M	BMB2A0600BN3	600R	TE Connectivity	2329425	Farnell	1
42	R4L1, R4L2	TLM3ADR033FTE	0.033	TE Connectivity	869-5505	RS Components	2
43	R4M	MC01W08050R	0	MULTICOMP	9333681	Farnell	1
44	R5B, R14L1, R14L2	1N4148W-7-F.	1N4148W	Diodes Inc	1776392	Farnell	3
45	R5L1, R5L2	RL73K3AR10J	0.1	TE Connectivity	223-0972	RS Components	2
46	R6B, R7L1, R7L2	DFLS240L-7	Diode shottky	DiodesZetex	708-2337	RS Components	3
47	R6L1, R6L2	744316470	4.7u	Würth	863-1075	RS Components	2
48	R7B	IHLP5050CEER100M01	10uH	Vishay	748-7331	RS Components	1
49	R7M	MCWR08X1000FTL	100	MULTICOMP	2447552	Farnell	1
50	R8L1, R8L2	MCWR08X6803FTL	680k	C	2447704	Farnell	2
51	R10B	MCWR08X2200FTL	220	MULTICOMP	2447606	Farnell	1
52	R10L1, R10L2	MCWR08X2202FTL	22k	MULTICOMP	2447607	Farnell	2
53	R11B	RP73PF2A301KBTDF	301k 0.1%	TE CONNECTIVITY	2117426	Farnell	1
54	R11L1, R11L2	MCWR08X3302FTL	33k	MULTICOMP	2447639	Farnell	2
55	R12L1, R12L2	MCWR08X4701FTL	4.7k	MULTICOMP	2447672	Farnell	2
56	R13B	NTCLE413E2103F102L	NTC 10k 3435K	Vishay	2492885	Farnell	1
57	R13L1, R13L2	MCWR08X1802FTL	18k	MULTICOMP	2447584	Farnell	2
58	R15L1, R15L2, R16B, R32B	MCWR08X4700FTL	470	MULTICOMP	2447662	Farnell	4
59	R17B	MCWR08X4703FTL	47k	MULTICOMP	2447661	Farnell	1
60	R18B, R19B, R20B, R21B, R22B, R23B,		?				14
61	R18L1, R18L2	MCWR08X1501FTL	1.5k	MULTICOMP	2447592	Farnell	2
62	R33B	MCWR08X224 JTL	220k	MULTICOMP	2695016	Farnell	1
63	R34B	SMBJ18A-E3/52	TVS 29.2Vmax	Vishay	636-5303	RS Components	1
64	S1M, S2M	PTS820 J25K SMTR LFS	SPST	C&K Components	135-9374	Farnell	2
65	X1B, X1L1, X1L2, X3B	1729128	Header 2pin	Phoenix Contact	193-0586	RS Components	4
66	X1R, X2R	5-1814400-1	SMA	AMP - TE CONNECTIVITY	1248989	Farnell	2
67	X1U	1734328-1	USB 2.0	TE Connectivity	2112375	Farnell	1

68	X2B	MSTBA 2,5/ 4-G	Header 4pin	PHOENIX CONTACT	2671251	Farnell	1
69	X2M	1761681-7	Header 2x10pin	TE Connectivity	680-1335	RS Components	1
70	X3M	22-03-2031	Header 3pin	Molex			1
71	X3R		Header 6pin				1
72	X4B	1779851	Header 4pin	Phoenix Contact	2776549	Farnell	1
Approved				Notes			174