

II. BOM

P/N	Component Value	Note
R1A	1MΩ, 1206	
R1B	1MΩ, 1206	
R4A	100KΩ, 1206	
R4B	100KΩ, 1206	
R5A	100Ω, 1206	
R5B	100Ω, 1206	
R6	5.1Ω, 1206	
R8	0.47Ω, 1W	
R9	220Ω, 0805	
R10	10Ω, 1206	
RT	100KΩ, 0805,1%	
R51A	100Ω, 1206	
R51B	100Ω, 1206	
R121A	100Ω, 1206	
R121B	100Ω, 1206	
R52	3.6KΩ, 0805, 1%	
R53	2.49KΩ, 0805, 1%	
R54	220Ω, 0805	
R55	1KΩ, 0805	
R99B	1.6KΩ, 1206	
R121	33KΩ, 0805	
R122	1KΩ, 0805	
NTC1	SCK053	
FL1	Leadtrend's Design	
FL2	Leadtrend's Design	
T1	Leadtrend's Design	
L2	Bead Core	Short
L51	Leadtrend's Design	
L121	Leadtrend's Design	

P/N	Component Value	Note
C1	100μF, 400V	L-tec
C2	1000pF, 1000V, 1206	
C5	220pF, 50V, 0805	X7R
C6	0.022uF, 50V, 0805	X7R
C8	22uF, 50V	L-tec (LZG)
C10	0.1uF, 50V, 0805	X7R
C51	1000pF, 250V, 1206	
C52	470uF, 16V	L-tec (LZG)
C53	1000uF, 16V	L-tec (LZG)
C55	0.1uF, 50V, 0805	X7R
C121	1000pF, 250V, 1206	
C122	1000uF, 25V	L-tec (LZG)
C123	470uF, 16V	L-tec (LZG)
CX1	0.22uF,X-cap	
CY1	2200pF,Y-cap, class2	
CY2	2200pF,Y-cap, class2	
CY3	2200pF,Y-cap, class2	
D1	1N4007	
D2	PS102R	
D4	1N4148	
ZD51	5V1B	
ZD121	7.5V, 1W	
ZD122	15V	
Q1	8A, 600V	FPQF8N60C
BD1	2A, 600V	GBP206
CR51	10A, 100V	Y1010DN
CR121	10A, 60V	SBL1060CF
IC1	LD7575PS	Leadtrend
IC2	EL817B	EVERLIGHT
IC51	TL431, 1%	
F1	250V,T2A	Walter