

# Bill of Materials

# CL88030 230VAC LED Load Board

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 Board Number: 04-10714  
 Part Number: ADM00861  
 Revision: 1  
 Engineer: Sergiu Gheorghe  
 Drawn By: Sergiu Gheorghe



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Quantity	Designator	Description_	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
1	J3	CON HDR-1.27 Male 1x10 Tin SMD	<a href="#">Digikey</a>	<a href="#">WM19277-ND</a>	Digikey	<a href="#">WM19277-ND</a>
1	J4	CON HDR Male 1x3 1.27mm AU SMD	<a href="#">Harwin</a>	<a href="#">M50-3630342</a>	Digi-Key	<a href="#">952-3607-ND</a>
12	LD1, LD2, LD3, LD4, LD5, LD6, LD7, LD8, LD9, LD10, LD11, LD12	DIO LED WHITE 24.8V 150mA 500lm 2700K SMD L5W5H0.7	<a href="#">OSRAM Opto Semiconductors Inc.</a>	<a href="#">GW P9LR31.EM-PPPR-XX58-1-150-R18</a>	Digi-Key	<a href="#">475-3150-1-ND</a>
1	R1	RES THERMISTOR 470k 5% 100mW 0603	<a href="#">Murata Electronics North America</a>	<a href="#">NCP18WM474J03RB</a>	Digi-Key	<a href="#">490-2433-1-ND</a>
1	R2	RES TKF 0R 1% 1/4W SMD 1206	<a href="#">TT Electronics</a>	<a href="#">WCR1206-R005JI</a>	Farnell	<a href="#">1100137</a>
1	R4	RES FUSE RESTTBLE 180mA 16V PTC SMD 0603	<a href="#">Murata Electronics North America</a>	<a href="#">PRG18BC3R3MM1RB</a>	Digi-Key	<a href="#">490-8506-1-ND</a>
1	SH4	MECH HW JUMPER 1.27mm 1x2 GOLD	<a href="#">Sullins Connector Solutions</a>	<a href="#">NPB02SVAN-RC</a>	Digi-Key	<a href="#">S9345-ND</a>

### Mechanical Parts to be added in the package

1	HS2	MECH HW HEATSINK D60mmxH30mm 9.1W Black	<a href="#">MechaTronix Kaohsiung Co.,Ltd</a>	<a href="#">LPF60A30-5-B</a>	Schukat electro	<a href="#">LPF60A30-5-B</a>
1	LABEL1	Label, AIPD Board Assembly			Dev Tools	
1	TAPE 1	MECH HW TAPE THERMAL SHEET L254W254	<a href="#">Bergquist</a>	<a href="#">BP100-0.008-00-1010</a>	Digi-Key	<a href="#">BER159-ND</a>

### Do Not Populate Parts listed below

0	R3	RES TKF 0R 1% 1/4W SMD 1206	<a href="#">TT Electronics</a>	<a href="#">WCR1206-R005JI</a>	Farnell	<a href="#">1100137</a>
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