Comment	Description	Designator	Footprint	LibRef	Quantity	Value
Muffen Fan	Motor, General Kind	B1	RB5-10.5	Motor	1	
Cap	Capacitor	C1	RAD-0.1	Cap	1	0.1uF
Cap	Capacitor	C2, C3, C5, C6, C7, C8, C13, C14	RAD-0.3	Cap	8	0.1uF
Cap2	Capacitor	C4	CAPR5-4X5	Cap2	1	0.0001
Cap Pol2	Polarized Capacitor (Axial)	C9, C10, C11, C12	POLAR0.8	Cap Pol2	4	9700uF
15V /1W	Zener Diode	D1	DIODE-0.4	D Zener	1	
MR402	Full Wave Diode Bridge	D2, D4	E-BIP-P4/ D10	Bridge1	2	
LED0	Typical INFRARED GaAs LED	D3	RAD-0.1	LED0	1	
10A	Fuse	F1	PIN-W2/ E2.8	Fuse 2	1	
35A	Fuse	F2	PIN-W2/ E2.8	Fuse 2	1	
A Meter	Indicating Instrument	M1	RAD-0.1	Meter	1	
Molex	Header, 2-Pin	P1, P4, P5, P8	HDR1X2	Header 2	4	
Cinch Jones	Header, 2-Pin, Dual row	P2, P3, P7	HDR2X2	Header 2X2	3	
Cinch-Jones	Header, 2-Pin, Dual row	P6, P9	HDR2X2	Header 2X2	2	
2N5873	NPN General Purpose Amplifier	Q1, Q2, Q3, Q4	1-03	2N3904	4	
C106B	Silicon Controlled Rectifier	Q5	77-08	C106B	1	
RPot	Potentiometer	R1	VR5	RPot	1	500R
Res2	Resistor	R2, R3, R4, R5, R19	AXIAL-0.4	Res2	5	0.1/ 25w, 1K /10W
Res Semi	Semiconductor Resistor	R6, R7, R8, R9, R13, R14	AXIAL-0.5	Res Semi	6	1K, 2.2R, 12R
Res1	Resistor	R10	AXIAL-0.3	Res1	1	1.5K
0.05 / 10W	Resistor	R11, R12, R15, R16, R17, R18, R20, R21	AXIAL-0.3	Res1	8	0.05 / 10W
SW-SPST	Single-Pole, Single-Throw Switch	S1, S2	SPST-2	SW-SPST	2	
22vac / 45A	Transformer (Equivale	T1	TRF_4	Trans Eq	1	