



Title			
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# Bill of Materials

Bill of Materials For Schematic Document [Sheet1.SchDoc]

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 Project: Free Documents  
 Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
DIODE0.2		DIODE		IN4148	1
	CN1	CON3	3.96-5-3	Connector	1
BD2A600V	GBU1010	BRIDGE1	BD1, BD101	Diode Bridge	2
CE16	120uF/450V	CAPACITOR	C1, C101	Capacitor	2
		POL			
CX2 0.1	4700pF/1KV	CAP	C2, C102	Capacitor	2
	0.1uF/50V	CAP	C3, C6, C7, C8, C103, C106, C107, C108, C109	Capacitor	10
			R40, R46, R140, R146		
	0.01uF/50V	CAP	C4, C104	Capacitor	2
	10uF/50V	CAPACITOR	C5, C105	Capacitor	2
		POL			
C0805	1000PF/100V	CAP	C10, C110	Capacitor	2
CE10*13	2200uF/25V	CAPACITOR	C11, C111	Capacitor	2
		POL			
CE6.3*11	2200uF/25V	CAPACITOR	C12, C112	Capacitor	2
		POL			
CE6.3*11	1500uF/25V	CAPACITOR	C14, C114	Capacitor	2
		POL			
	FAN	CON2	CN4	Connector	1
CX2 0.1	0.22uF/275V	CAP	CX1, CX101	Capacitor	2
CX2 0.1	0.33uF/275V	CAP	CX2, CX102	Capacitor	2
CX2 0.1	1000pF/AC250V	CAP	CY1, CY2, CY3, CY5, CY6, CY101, CY102, CY103, CY106	Capacitor	9
CY1	2200pF/AC250V	CAP	CY4, CY104	Capacitor	2
DIODE0.2	MM4148	DIODE	D1, D2, D5, D8, D101, D102, D105, D108	IN4148	8
DIODE0.2	FR157	DIODE	D3, D103	IN4148	2
DIODE0.2	FR107	DIODE	D4, D104	IN4148	2
DIODE0.2	2010/2020	DIODE	D6, D7, D106, D107	IN4148	4
DIODE0.2	3045	DIODE	D114, D115	IN4148	2
3.15A/250V	4A250V	FUSE2	FS1	Fuse	1
L-8		INDUCTOR2	L1, L101		2
L-8	4.7uH	INDUCTOR2	L2, L102		2
	LED	LED	LED101, LED102		2
LF9.8	30mH	TRANS1	LF1, LF101		2
MOV	14D471K	VARISTOR	MOV1, MOV101		2
	2N3906	PNP1	Q1, Q101	PNP Transistor	2
	2N904	NPN1	Q2, Q102	NPN Transistor	2
	13N80	MOSFET-N1	Q3, Q103		2
AXIAL0.2	00	RES0, RES2	R0, R8, R32, R100, R108	1K	5
AXIAL0.2	1M	RES0	R1, R2, R3, R4, R101, R102, R103, R104	1M	8
AXIAL0.2	51K	RES0	R5, R105	1K	2
AXIAL0.2	51K0	RES0	R6, R106	1K	2
AXIAL0.2	200	RES0	R7, R107	1K	2
AXIAL0.2	33K0	RES0	R9, R109	1K	2
AXIAL0.2	1.5K0	RES0	R10, R110	1K	2
AXIAL0.2	10K0	RES0	R11, R13, R111, R113	1K	4
AXIAL0.2	15K0	RES0	R12, R112	1K	2
AXIAL0.2	1K0	RES0	R15, R115	1K	2
AXIAL0.2	1K0	RES2	R17, R22, R117, R122		4
R0805	4.7K0/1%	RES0	R18, R118	1K	2
R0805	10K0/1%	RES2	R19, R119		2
R0805	11K0/1%	RES0	R20, R120	1K	2
	10k	POT2	R21, R121	Potentiometer	2
AXIAL0.2	1000	RES0	R24-R29, R124, R126-R129, R147	1K	2
AXIAL0.2	10	RES0	R30, R31, R33, R34, R35, R130, R131, R132, R133, R134, R135	1K	11
R0805	2.2K0/1%	RES0	R36	1K	1
AXIAL0.2	4.7K0	RES0	R37-R39, R41-R45, R137-R139, R141-R146	1K	4
	6800	RES0	R48, R150	1K	2
AXIAL0.2	100K0	RES0	R49, R125	1K	2
R1W	00	RES2	R136		1
AXIAL0.2	82K0/2W	RES0	R156	1K	1
NTH	5D-9	THERMISTOR	RTH1		1
	H11A817B	OPTISO1, PHOTO NPN	U2-1, U2-2, U102-1, U102-2	NPN Phototransistor, Optoisolator	4
NEC2561	H11A817B	2561	U3, U103	NEC2561	2
SOD323	TL431A	ZENER3	U4, U104	Zener Diode	2
SOD323	P6KE200	ZENER3	ZD1, ZD2, ZD101, ZD102	Zener Diode	4
SOD323	P6KE180	ZENER3	ZD3, ZD103	Zener Diode	2
DIODE0.2	P6KE200	DIODE	ZD4, ZD104	IN4148	2
SOD323	16V	ZENER3	ZD5, ZD105	Zener Diode	2

Approved	Notes