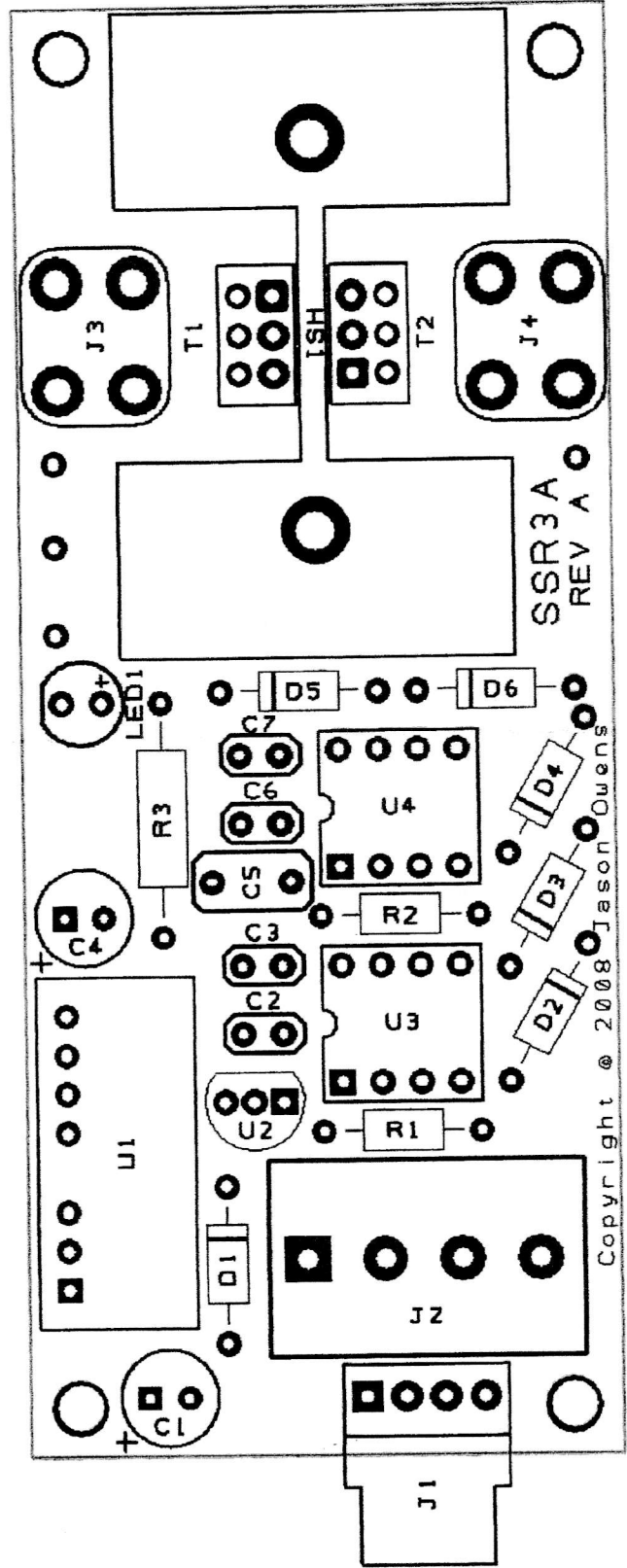


Ref Des	Qty	Description	Value	Mfr	Mfgt Part #	Std. Pack	Tech	Source	Supplier #
C1,C4	2	CAP 100UF 25V ELECT EB RADIAL	100uF	Panasonic	EEU-EB1E101	Radial 0.098" (2.50mm)	THRU	Digkey	P13122-ND
C2,C7	2	CAP .10UF 50V CERAMIC X7R 10%	0.1uF	Vishay	K104K15X7R5TL2	Radial 0.1" (2.54mm)	THRU	Digkey	BC1084CT-ND
C3,C6	2	CAP 680PF 50V CERAMIC COG 5%	680pF	Vishay	K681J15COGF5TL2	Radial 0.1" (2.54mm)	THRU	Digkey	BC1023CT-ND
C5	1	CAP CER 4.7UF 50V Y5V RAD	4.7uF	TDK	FK20Y5V1H475Z	Radial 0.197" (5.00mm)	THRU	Digkey	445-2891-ND
D1,D5,D6	3	DIODE SCHOTTKY 1A 40V DO41	40V	Vishay	1N5819-E351	DO-41, Axial	THRU	Digkey	1N5819-E3/51GI-ND
D2	1	DIODE SGL JUNC 100V 4.0NS DO-35	100V	Fairchild	1N4148	DO-35, Axial	THRU	Digkey	1N4148FS-ND
D3	1	TVS 500W 5.0V UNIDIRECT DO-15	5V	Micro Commercial	SA5.0A-TP	DO-15, Axial	THRU	Digkey	SA5.0A-TPMSCT-ND
D4	1	TVS 600W 20V UNIDIRECT DO-15	20V	Micro Commercial	PK6E20A-TP	DO-15, Axial	THRU	Digkey	PK6E20A-TPMSCT-ND
HS1	1	HEATSINK TO-218 W/PINS 1.5" TALL		Aavid Thermalloy	529801B02500G	PC-Pin	THRU	Digkey	HS349-ND
J1	1	CONN HEADER 4POS. 100 R/A TIN			22-05-3041	Through Hole, Rt Ang	THRU	Digkey	WM4302-ND
J2	1	TERM BLOCK 4POS 35DEGREE 5MM		Tyco	76690-4	Through Hole	THRU	Digkey	A98447-ND
J3,J4	2	TERM SCREW VERT SNAP-IN PC MNT		Keystone	7693	Through Hole	THRU	Digkey	7693K-ND
LED1	1	LED 5MM SHORT LENS GREEN WTR CLR		Lumex	SSL-LX5063GC	Radial	THRU	Digkey	67-1085-ND
R1,R2	2	RES 220 OHM 1/4W 5% CARBON FILM	220	Stackpole	CF1/42205R	Axial	THRU	Digkey	CF1/42205R-ND
R3	1	RES 750 OHM 1/2W 5% CARBON FILM	750	Yageo	CFR-50JB-750R	Axial	THRU	Digkey	750H-ND
T1,T2	2	IGBT N-CHAN 6A 1200V TO220FP	1200V	ST	STGF3NC120HD	TO-220FP	THRU	Digkey	497-4353-5-ND
U1	1	D215ERW	15V	MicroPower Direct	D215ERW	Through-Hole	THRU	MicroPower Direct	D215ERW
U2	1	IC REG 0.1A 0-125DEG C TO-92	5V	Fairchild	LM78L05ACZ	TO-92	THRU	Digkey	LM78L05ACZFS-ND
U3	1	PHOTOCOUPLER OPIC HS 8-DIP		Sharp	PC911L0N5ZOF	8-DIP	THRU	Digkey	425-2597-5-ND
U4	1	IC DRIVER MOSF 12A LO SIDE 8DIP		Micrel	MC4451YN	8-DIP	THRU	Digkey	576-1209-ND
N/A	2	TRANSISTOR SOCKET TO-220 100		Asman Electronics	AR08-HZL-TT-R	Through-Hole	THRU	Digkey	WM2551-ND
N/A	2	IC SOCKET MACH PIN ST 8POS GOLD		Aavid Thermalloy	580100B00000G	Through-Hole	THRU	AVNET	AE10011-ND
N/A	1	DIP-8 Heatsink		Bergquist	2015-58	Clip-On		Digkey	580100B00000-LF
N/A	2	HEATPAD TO-220 .015" SP2000		Building Fasteners	NY PWS 440 0038 PH			Digkey	BER202-ND
N/A	1	4-40 x 3/8" Nylon Screw		Building Fasteners	NY HN 440			Digkey	H544-ND
N/A	1	4-40 x 3/8" Nylon Nut		Building Fasteners	NY HN 440			Digkey	H616-ND



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