

Sussex-PCB-V9-LR8-BOM-20201010				
Ref Name	Qty	Component	Value	Description
BR1	1	2KBP06N	2KBP06N	RECTIFIER - BRIDGE
BR2	1	2KBP06N	2KBP06N	RECTIFIER - BRIDGE
C1	1	CPOL-USE18-40-RM75	100uF/400V	POLARIZED CAPACITOR
C2	1	C-7.5x17.5mm_RIFA_100nF-630V	220nF @ 630V	Capacitor
C3	1	CPOL-USE5-10.5	47uF @ 16V	POLARIZED CAPACITOR
C4	1	C-CER	6.8nF	Capacitor
C5	1	C-CER	6.8nF	Capacitor
C6	1	C-CER	6.8nF	Capacitor
C7	1	C-FILM	100nF @ 100V	Capacitor
C8	1	CPOL-USE5-10.5	1 uF @ 63V	POLARIZED CAPACITOR
C9	1	CPOL-USE5-10.5	1uF @ 63V	POLARIZED CAPACITOR
C10	1	CPOL-USE18-40-RM75	100uF @ 63V	POLARIZED CAPACITOR
C11	1	CPOL-USE18-40-RM75	470uF @ 63V	POLARIZED CAPACITOR
C12	1	CPOL-USE5-10.5	1uF	POLARIZED CAPACITOR
C13	1	C-CER	100nF	Capacitor
C14	1	CPOL-USE5-10.5	100uF @ 25V	POLARIZED CAPACITOR
C15	1	C-7.5x17.5mm_RIFA_100nF-630V	220nF @ 630V	Capacitor
C16	1	CPOL-USE5-10.5	4.7uF @ 400V	POLARIZED CAPACITOR
C17	1	CPOL-USE5-10.5	4.7uF @ 400V	POLARIZED CAPACITOR
C20	1	CPOL-USE5-10.5	100uF @ 63V	POLARIZED CAPACITOR
C21	1	CPOL-USE5-10.5	100uF @ 63V	POLARIZED CAPACITOR
C100	1	CPOL-USE18-40-RM75	1000uF @ 25V	POLARIZED CAPACITOR
C101	1	CPOL-USE5-10.5	100uF @ 10V	POLARIZED CAPACITOR
C102	1	CPOL-USE5-10.5	100uF @ 10V	POLARIZED CAPACITOR
C103	1	C-CER	100nF	Capacitor
C104	1	C-CER	100nF	Capacitor
C105	1	C-CER	100nF	Capacitor
C106	1	C-CER	100nF	Capacitor
R3	1	R1M	2.4k	Resistor
R4	1	R4M	1M	Resistor
R5	1	R1M	100	Resistor
R6	1	R1M	120	Resistor
R7	1	R1M	180k	Resistor
R8	1	R4M	1M	Resistor
R9	1	R1M	100	Resistor
R10	1	R1M	22	Resistor
R11	1	R4M	470k	Resistor
R12	1	R4M	10	Resistor
R13	1	R4M	1	Resistor
R14	1	R1M	10k	Resistor
R15	1	R1M	10k	Resistor
R16	1	R1M	100k	Resistor
R17	1	R1M	300k	Resistor
R18	1	R1M	10k	Resistor
R19	1	R1M	10k	Resistor
R20	1	R1M	10k	Resistor
R21	1	R1M	470	Resistor
R22	1	R1M	10k	Resistor
R23	1	R4M	10k	Resistor
R24	1	R1M	10k	Resistor
R25	1	R1M	1k	Resistor
R26	1	R1M	470	Resistor

R27	1	R1M	2.7k @ 1W	Resistor
R28	1	R4M	10k	Resistor
R29	1	R1M	390k	Resistor
R30	1	R1M	820k	Resistor
R31	1	R1M	1k	Resistor
R32	1	R1M	10k	Resistor
R33	1	R4M	1k	Resistor
R50	1	R1M	180	Resistor
R51	1	R1M	270	Resistor
R52	1	R1M	27	Resistor
R53	1	R1M	220	Resistor
R101	1	R6M	120k @ 2W	Resistor
R102	1	R6M	390 @ 1W	Resistor
RL1	1	Relay DPDT (48V Finder)	Relay DPDT (48V Finder)	Relay
RL2	1	Relay DPDT (48V Finder)	Relay DPDT (48V Finder)	Relay
RL3	1	Relay DPDT (48V Finder)	Relay DPDT (48V Finder)	Relay
RV1	1	PIHER-PT15	220	Trim potentiometer
RV2	1	PIHER-PT15	4.7k	Trim potentiometer
TM1	1	TRIM3292	50k Bourns 3296	Trim potentiometer
TR2	1	IRF830	IRF830	N-channel MOSFET
TR3	1	MPSA42	MPSA42	NPN Bipolar
TR4	1	IRF830	IRF830	N-channel MOSFET
TR5	1	MPSA42	MPSA42	NPN Bipolar
TR6	1	BC307	BC307	PNP Bipolar
TR7	1	BC307	BC307	PNP Bipolar
TR8	1	MJE350	MJE350	NPN Bipolar
TR9	1	BC237	BC237	NPN Bipolar
U1	1	LR8N3G	LR8N3G	Adjustable HIGH Voltage Reg.
VR1	1	LM317	LM317	Adjustable Voltage Reg.
VR2	1	LM317	LM317	Adjustable Voltage Reg.
D6	1	1N4148	1N4148	DIODE
D7	1	1N4007	1N4007	DIODE
D12	1	1N4007	1N4007	DIODE
D13	1	1N4007	1N4007	DIODE
D14	1	1N4007	1N4007	DIODE
D15	1	1N4007	1N4007	DIODE
D16	1	TWO 1N4007 in series	TWO 1N4007 in series	DIODE
D17	1	1N4007	1N4007	DIODE
D18	1	1N4007	1N4007	DIODE
D101	1	1N4007	1N4007	DIODE
ZD8	1	BZX85C15	BZX85C15	DIODE - ZENER
ZD9	1	BZX85C15	BZX85C15	DIODE - ZENER
ZD10	1	BZX85C8V1	BZX85C8V2	DIODE - ZENER
ZD11	1	BZX85C15	BZX85C15	DIODE - ZENER
ZD12	1	BZX85C15	BZX85C15	DIODE - ZENER
FS1	1	FUSE4-22.6	250mA QB	1.25in Fuze
HS1	1	SK104-PAD	SK104-PAD	HEATSINK manufacturer Fischer
HS2	1	SK104-PAD	SK104-PAD	HEATSINK manufacturer Fischer

JAC1	1	1X3-5MM	1X3-5MM	PCB screw contact
JAC2	1	1X2-5MM	1X2-5MM	PCB screw contact
JANSW	1	1X3-5MM	1X3-5MM	PCB screw contact
JANV	1	1X2-5MM	1X2-5MM	PCB screw contact
JELEC	1	1X2-5MM	1X2-5MM	PCB screw contact
JFAN1	1	1X2-5MM	1X2-5MM	PCB screw contact
JFUNC	1	1X2-5MM	1X2-5MM	PCB screw contact
JG1ANV	1	1X2-5MM	1X2-5MM	PCB screw contact
JGM	1	1X2-5MM	1X2-5MM	PCB screw contact
JGRPOT	1	1X3-5MM	1X3-5MM	PCB screw contact
JGRV	1	1X2-5MM	1X2-5MM	PCB screw contact
JHSB	1	1X3-5MM	1X3-5MM	PCB screw contact
JHT	1	1X2-5MM	1X2-5MM	PCB screw contact
JLED	1	1X2-5MM	1X2-5MM	PCB screw contact
JLT	1	1X3-5MM	1X3-5MM	PCB screw contact
JM1	1	1X2-5MM	1X2-5MM	PCB screw contact
JM2	1	1X2-5MM	1X2-5MM	PCB screw contact
JM3	1	1X2-5MM	1X2-5MM	PCB screw contact
JREG	1	1X2-5MM	1X2-5MM	PCB screw contact
JRL1	1	1X2-5MM	1X2-5MM	PCB screw contact
JRL2	1	1X3-5MM	1X3-5MM	PCB screw contact
JRL3	1	1X2-5MM	1X2-5MM	PCB screw contact
JSCD	1	1X3-5MM	1X3-5MM	PCB screw contact
JSCR	1	1X2-5MM	1X2-5MM	PCB screw contact
JSCRSW	1	1X3-5MM	1X3-5MM	PCB screw contact