

BILL OF MATERIALS REPORT		R11
	Cl4	1 15K 15K 70240027 15K1/4W5%CFT&R
BOARD NAME: TRIPLE X PRE	1 .1X2 70320298 70320298 .1MF 250VAC X2 20%	R75
REPORT DATE: 12MAR01 ASSEMBLY LEVEL NUMBER: 99099490 DESIGNER: JAMES MCFERRIN/GARY	C59	2 1740 1740 70401740 2SC1740SLN 40V,.1A, NPN, LOW NOISE T&A
GOODIN PROJECT NUMBER: P0000112	1 .47A50L .47A50L 70340063 .47MFD 50V LOW LEAKAGE	01.03
CBDS PART PART DESCRIPTION AND	C21	Q1, Q3 1 180FF 180PF 70340056 180PF10%50VDCT/CT&R
*** QTY. NAME VALUE NUMBER DEVICE DESIGNATIONS ************************************	6 1.5K 1.5K 70240018 1.5K1/4W5%CF-T&R	
	DOO DOO DOO DOO DOO DOO	C15
1 70100/F0 70100/F0 70100/F0 PCID	R28, R29, R30, R33, R34, R55 1 100 100 70240010 1001/4W5%CFT&R	2 187SOWR 70901854 70901854 SPCR,R,T4-403X/16,SW,AL,S
1 72100658 72100658 72100658 PCB	1 100 100 70240010 1001/4W5%CFT&R	SP1, SP2
3 .001 .001 70340000 .001MF10%50VDCMONT&R	R56	1 1K 1K 70240017 1K1/4W5%CFT&R
3.001 .001 /0510000 .001M1 10/0 50/1DC MOIN 10M	4 1000R35 1000R35 70320186 1000MF20%35VDCELT&A	R60
C11, C29, C63	C54, C58, C61, C62	1 IKW1 1KW1 70210000 1K1W5%MOT&R
1 .001A630 .001A63) 70320281 .001MF63(VT&RCAP	9 100K 100K 70240034 100K1/4W5%CFT&R	11111
C3		R95
3 .0022 .0022 70340004 .0022MF10%50VDCT/CT&R	R4, R8, R13, R39, R46, R49, R50, R62, R68	9 1M 1M 70240039 1M1/4W5%CFT&R
	2 100KBVB 71190517 71190517 100K LIN MIN VPC W/BRACKET	R3, R17, R19, R24, R31, R37, R53, R90,
C1, C5, C28		R92
1 .015 .015 70340010 .015MF10%50VDCT/CT&R	VR16, VR17	7 1N4003 1N4003 70464003 1N4003 200V SILICON DIODE
C27	1 100KP1 100KP1 70240151 100K1/4W1%MFT&R	
2 .01CD .01CD 70320248 .01MF20%1000VDCCDT&A	R2	CR26, CR27, CR28, CR29, CR30, CR31, CR32
C41, C53	4 100PF 100PF 70340054 100PF10%50VDCT/CT&R	4 1N4007 1N4007 70464007 1N4007 1KV, 1A, SILICON DIODE
1 .01DVLNP .01DVLNP 70320104 .01 MFD125VDCDVL MYLAR+0-20%	C16, C22, C30, C31	CR16, CR17, CR18, CR20
1 .01D VEN .01D VEN /0020104 .01 WED 125 VDC DVE WITEAC (020/0	4 100R63 100R63 70320264 100MF20%63VDCELT&A	15 1N4148 4148 70464148 1N4148 75V 10MA SILICON DIODE
C60	1100td3 100td3 70320201 100td 2070 00120 225 1001	13 IVII 10 IVI 10 IVII IVII
1 .022 .022 70340012 .022MF10%50VDCMONT&R	C49, C51, C52, C56	CR1, CR2, CR3, CR6, CR9, CR10, CR11,
C9	2 100V350 100V350 70320130 100 MFD 350VDC RADIAL SNAP-IN	CR12, CR13, CR14, CR15, CR19, CR21,
4 .022A400 .022A400 70320283 .022MF400VT&RCAP	C43, C48	CR23, CR25
	1 100V500 100V500 70320337 100NFD - +/-20% - 500VDC - EL - R/S	2 1N757 1N757 70400757 1N757A 9.1V 5% ZENER DIODE
C2, C4, C32, C35		CR5, CR8
1 .047 .047 70340017 .047MF10%50VDCMONT&R	C44	1 2.2N. 2.2M 70240040 2.2M1/4W5%CFT&R
C23	10 10K 10K 70240025 10K1/4W5%CFT&R	
5 .047A400 .047A400 70320105 .047MFD 450 VOLT T&R CAP	R15, R16, R18, R32, R41, R43, R47, R78,	R40
04 07 014 014 024	R83, R87	1 2.2R50NP 2.2R5CNP 70320184 2.2MF20%50VDCNPT&A
C6, C7, C10, C12, C33	3 12AX7A 12AX7A 70806612 12AX7 VACUUM IUBE W/708)6614 BOT ENTRY SKT	C39
1 .068 .068 70340018 .068MF10%50VDCMONT&R	111 112 112	9 220K 220K 70240036 220K1/4W5%CFT&R
C36	V1, V2, V3 3 12VRELAY 71322277 71322277 DFDT OMRONRELAY 12VDC	D1 D5 D6 D30 D37 D44 D51 D71
1 .1A250 .1A250 70320334 .1MFD 250 VOLT T&R CAP	5 12VRELA1 /15222// /15222// DPD1 OMRONRELAY 12VDC	R1, R5, R6, R20, R27, R44, R51, R71, R104

K3, K4, K5 3 150K 150K 70240035 150K--1/4W--5%----CF--T&R

R7, R14, R42

1 150KP1 150KP1 70241035 150K--1/4W--1%----MF--T&R

4 220KW1 220KW1 70210008 220K--1W----5%----MO--T&R

R69, R70, R73, R74

3 22K 22K 7)240029 22K---1/4W--5%----CF--T&R

R22, R85, R88

C17, C37, C38, C40

4 .1P10 .1P10 70340101 .1MF-----10%---50VDC----MON----T&R

1 .1SF .1SF 70230113 0.10 MFD 10% 100V STCK FILM T&A

2 22KW1 22KW1 70210005 22K1W5%MOT&R	2 47W1 47W1 70210011 471W5%MOT&R	F5
R67, R81		3 HIDMNI 71466214 71466214 2 TIP HID JACK NINS W/SPD
2 22R45C 22R45O 70320339 22R45020%450VDCPOLR/W	R93, R94	
aus au	1 4KW5'JP 4KW5 70250181 4K5W10%WWSTANDUP PART	J5, J6, J7
C45, C46	24	1 HIDSNI 71466217 71466217 STER3O HID JACK NINS W/SPD
4 22R50 22R50 70320181 22MF20%50VDCELT&A	R66	J1
C19, C20, C24, C26	2 4PRC2J2 70600024 70600024 4 CKT 2.25" JUMPER .100 CNTR, (2 GATE)	2 J174 J174 70460174 J-174 30V TO-92 P-CHAN FET T&A
2 240K 240K 70241094 240K1/4W5%CFT&R	J46, J47	00.010
R26, R45	1 5.62KP1 5.62KP1 70241008 5.62K-1/4W1%MFT&R	Q2, Q12 1 LEDGT1 LEDGT1 70<50035 HLMP 1790 GREEN LED T-1
6 270 270 70240013 2701/4W5%CFT&R	R79	1 LEDG11 LEDG11 /0-30033 HLMP 1/90 GREEN LED 1-1
0 2/0 2/0 /0240013 2/01/4W376Cr1&R	2 50W5 50W5 70250001 505W10%WWAXL	CR4
R38, R65, R72, R80, R91, R101	2 30W3 30W3 /0230001 303W1070WWAAL	1 LEDRT1 LEDRT1 70450034 SLR34VR3 GP RED LED T1 ROUND
1 270PF 270PF 70340057 270PF10%50VDCT/CT&R	R82, R86	CR22
1 2/011 2/011 /034003 2/01110/050 (DO1/O1040	4 6531 6531 70466531 MPS-6531 TO92 NPN TRANS. T&A	1 LEDYL1 LEDYL1 70-50036 LED YELLOW TI (SM RND) VERT.
C13	Q7, Q8, Q10, Q11	LEDIEL EDIEL /0-50030 LED TELLOW II (SM KND) VEKI.
1 3.9K 3.9K 70241093 3.9K1/4W5%CFAXL	1 680K 680K 70240065 680K1/4W5%CFT&R	CR24
R102	1 000K 000K 70240000 000K114445/0CI 1COK	2 LOMRELAY 71322378 71322378 RELAY, 12V DPDT - LO MIC
2 330V350 330V350 70320169 330 MFD 350 VDC VERT. SNAP-IN	R12	K1, K2
2 330 v 350 330 v 350 70 320 (0) 350 v 100 7 12(1, 31) (1)	2 68K 68K 70240032 68K1/4W5%CFT&R	1 MAC97 MAC97 70460097 MAC97-6 400V .6A TO-92 TRIAC T8
C42, C47	R23. R58	T WHEN MILEST TOTALD TO MILEST OF THE TOTAL TO
1 39PF 39PF 70340052 39PF50VDCT/CT&R	1 75W10 75W10 70250048 7510W10%WWAXL	CR7
C18		14 MMPU 73711812 73711812 R93-12 PN C.B. MALE MOLEX PIN
3 4.7K 4.7K 70240023 4.7K1/4W5%CFT&R	SUB	J11, J12, J13, J16, J17, J18, J19, J20, J21, J26, J28, J29, J67, J68
	1 820 820 70240019 8201/4W5%CFT&R	
R76, R77, R103	R100	1 POT0303 71190303 71190303 1 MEG AUD 20% MET. SPIDER 1MN
1 400W10FP 400W10FP 70250019 40010W10%FPAXL	1 82K 82K 70240033 82K1/4W5%CFT&R	VR1
R64		2 POT0311 7:190311 71190311 1 MEG A METRIC SPDR 1MM
1 47 47 70240008 471/4W5%CFT&R	R89	
	2 933 933 70400933 2SA933ASLN 40V, .1A, PNP, LOW NOISE T&A	VR5, VR10
R57	Q5, Q6	8 POT0334 71190334 71190334 250K LIN METRIC SPIDER 1MM
2 470 470 70240015 4701/4W5%CFT&R	2 CAB0018 70600018 70600018 8C .156 - 5" JMPR W/FEED-TO CONN.	VR4, VR7, VR8, VR9, VR12, VR13, VR14,
R48, R61		VR15
2 4700R35 4700R35 70350200 4700 MFD 35VDC RADIAL SNAP-IN	J45, J53	1 POT0335 71190335 71190335 50K LIN METRIC SPIDER 1MM
	1 CAB0134 70600134 70600134 6C PRE-TINNED.156" 5" JMPR W/F-CONN	
C55, C57	J57	VR3
6 470K 470K 70240038 470K1/4W5%CFT&R	8 CLP1183 CLP1183 70901183 FUSECLIP, FC MT - T&A	1 POT0336 71190336 71190336 10K LIN METRIC SPIDER 1MM
R10, R21, R25, R52, R96, R99	TOU FOR FOR FOU FOR FOU FOR	VR18
2 470PF 470PF 70340058 470PF10%50VDCT/CT&R	FC1, FC2, FC3, FC4, FC5, FC6, FC7, FC8	2 POT0338 71190338 71190338 100K AUD 20% METRIC SPIDER 1M
CO C25	1 DIN7RA 71466226 71466226 CONN 7P R/A PCMNT DIN W/ 4 MNT. HOLES	VDC VD11
C8, C25	J4	VR6, VR11 1 POT0339 71190339 71190339 250K AUD 20% METRIC SPIDER 1M.
4 47FP 47FP 70240090 47FP1/4W5%FPT&R	3 FMPU 73711811 73711811 M118-171 C.E. FEMALE MOLEX PIN	1 FO10559 /H90559 /H90559 Z50K AUD 20% METRIC SPIDER IN
	5 PMFO /5/11011 /5/11011 WILLO-1/1 C.E. PENIALE MOLEA PIN	VR2
R35, R36, R59, R63		
R35, R36, R59, R63 2 47K 47K 70240031 47K1/4W5%CFT&R	J24, J25, J27	1 RA4C RA4C 73719109 4 PIN R/A HEADER .156 W/FRICTION

2 RASN6165 71466165 71466165 JK R/A 12.5MM NIN STEREO -88

J2, J3

8 SPD 73716194 73716194 .250 PC MNT SPADE .093 PCB

J30, J31, J32, J33, J35, J37, J41, J44

12 SPX1 SPX1 73717003 1 STAKE PIN

J34, J38, J40, J58, J59, J60, J61, J62, J63, J64, J65, J66

2 SPX1U SPX1U 73717003 1 STAKE PIN

J22, J23

6 SPX2 SPX2 XXXXXXXX 2 EACH OF STAKE PINS

J70, J71, J72, J73, J74, J75

1 SPX6 SPX6 XXXXXXXX 6 EACH OF STAKE PINS

J56

2 SPX8 SPX8 XXXXXXXX 8 EACH OF STAKE PINS

J48, J52

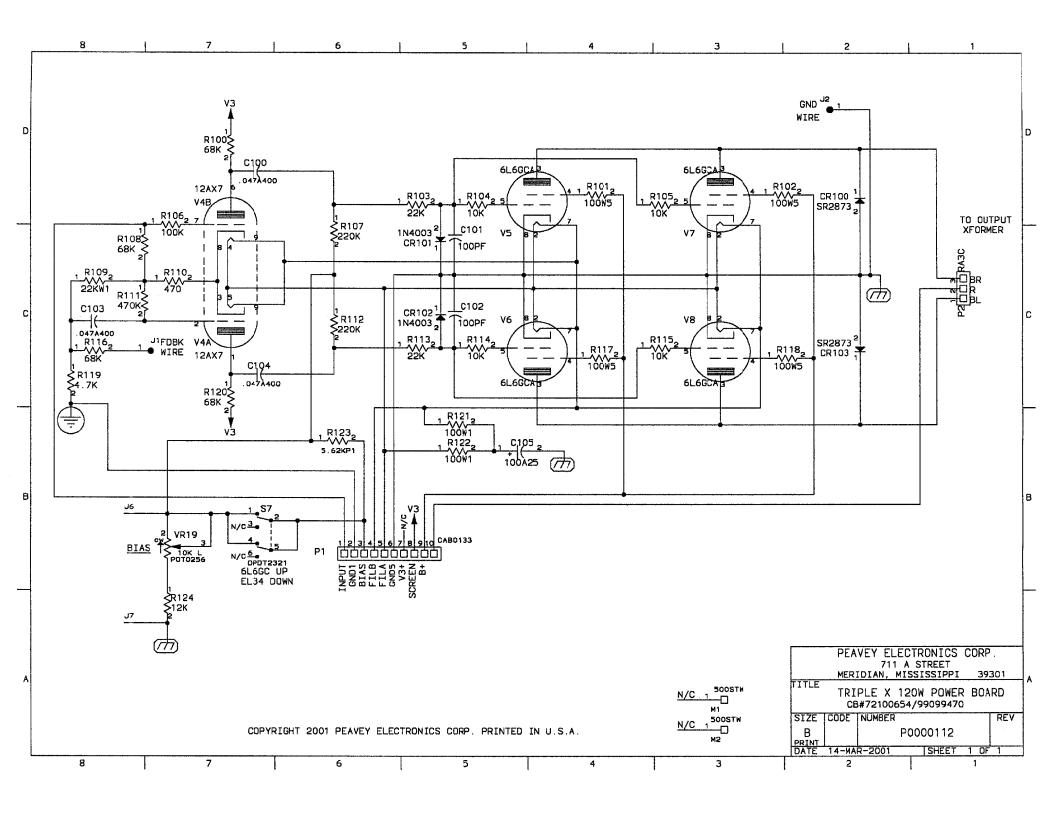
2 SW2328 SW2328 71322328 2PTT PC MOUNT SLIDE SWITCH

S2, S3

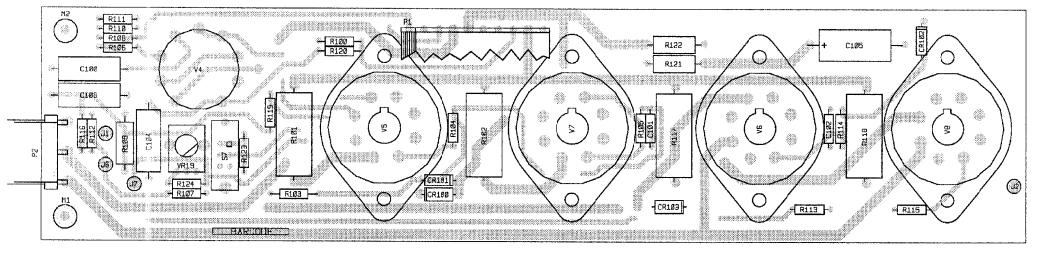
1 SW2368 71322368 71322368 SPTT TOGGLE SWITCH

S1

* END OF BILL OF MATERIALS REPORT *



TRIPLE XXX 112/212/POWER



FOR TRIPLE XXX 112 60W DO NOT INSERT V5, V8, R101, R119

BILL OF MATERIALS REPORT

BOARD NAME: XXXPWR REPORT DATE: 19NOV02
ASSEMBLY LEVEL NUMBER: 99099471 DESIGNER: ELBERT COLEMAN
PROJECT NUMBER: P0000112
CBDS

- 1 72100654 72100654 72100654 PCB
- $3 \ .047 A 400 \ .047 A 400 \ 703 20105 \ \ .047 MFD \ 450 \ VOLT \ T\&R \ CAP$

C100, C103, C104

1 100A25 100A25 70320014 100 MFD 25VDC LYTIC CAP

C105

1 100K 100K 70240034 100K--1/4W--5%----CF--T&R

R106

2 100PF 100PF 70340054 100PF-----10%----50VDC----T/C----T&R

C101, C102

2 100W1 100W1 70210003 100---1W----5%----MO--T&R

R121, R122

2 100W5 100W5 70250006 100--5W--10%--WW--AXL

R102, R117

4 10K 10K 70240025 10K---1/4W--5%----CF--T&R

R104, R105, R114, R115

 $1\ 12\mathrm{AX7} \quad 12\mathrm{AX7} \quad 70806612 \quad 12\mathrm{AX7}\ \mathrm{VACUUM}\ \mathrm{TUBE}\ \mathrm{W/9}\ \mathrm{PIN}\ \mathrm{PC}\ \mathrm{MNT}\ \mathrm{SOCKET}$

V4

1 12K 12K 70240057 12K---1/4W--5%----CF--T&R

R124

2 1N4003 1N4003 70464003 1N4003 200V SILICON DIODE

CR101, CR102

2 220K 220K 70240036 220K--1/4W--5%----CF--T&R

R107, R112

2 22K 22K 70240029 22K---1/4W--5%----CF--T&R

R103, R113

1 22KW1 22KW1 70210005 22K---1W----5%----MO--T&R

R109

1 4.7K 4.7K 70240023 4.7K--1/4W--5%----CF--T&R

R119

1 470 470 70240015 470---1/4W--5%----CF--T&R

R110

1 470K 470K 70240038 470K--1/4W--5%----CF--T&R

R111

1 5.62KP1 5.62KP1 70241008 5.62K-1/4W--1%----MF--T&R

R123

2 500STW 70901859 70901859 SPCR,R,TA-40X1/2,SW,AL,ST

M1, M2

4 68K 68K 70240032 68K---1/4W--5%----CF--T&R

R100, R108, R116, R120

2 6L6GCA 6L6GCA 70806604 6L6GC VAC TUBE W/INS SOCKET 70806627

V6, V7

1 CAB0133 70600133 70600133 10C PRE-TIN .156 - 5" CONN.

Р1

1 DPDT2321 DPDT2321 71322321 SWITCH, DPDT PCMNT SLIDE

S7

1 POT0256 71190256 71190256 10KB 9MM VPC S/K

VR19

1 RA3C RA3C 73719110 3 PIN R/A HEADER .312 W/FRICTION LOCK

P2

 $2\ SR2873\ SR2873\ 70402873\ SR2873\ 2KV, 250MA\ SILICON\ DIODE$

CR100, CR103

 $1\ \ \text{WJ8BK3SR}\ \ \text{WJ8BK3SR}\ \ 91090520\quad \text{BK--}18\text{G--}3\text{"CPT/}250\ \text{RA\ SPD}$

J2

1 WJ8BK5SP WJ8BK5SP 91090506 BK-18G-5"-CPT-250SPD/RA

J1

1 WJ8BK6FM WJ8BK6FM 91103769 BLACK 6" 18GA CPT W/FEMALE CONTACT PIN

J6

1 WJ8RD6FM WJ8RD6FM 91103768 RED 6" 18GA CPT W/FEMALE CONTACT PIN

J7