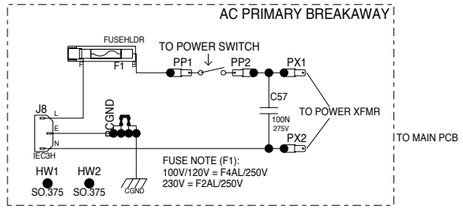
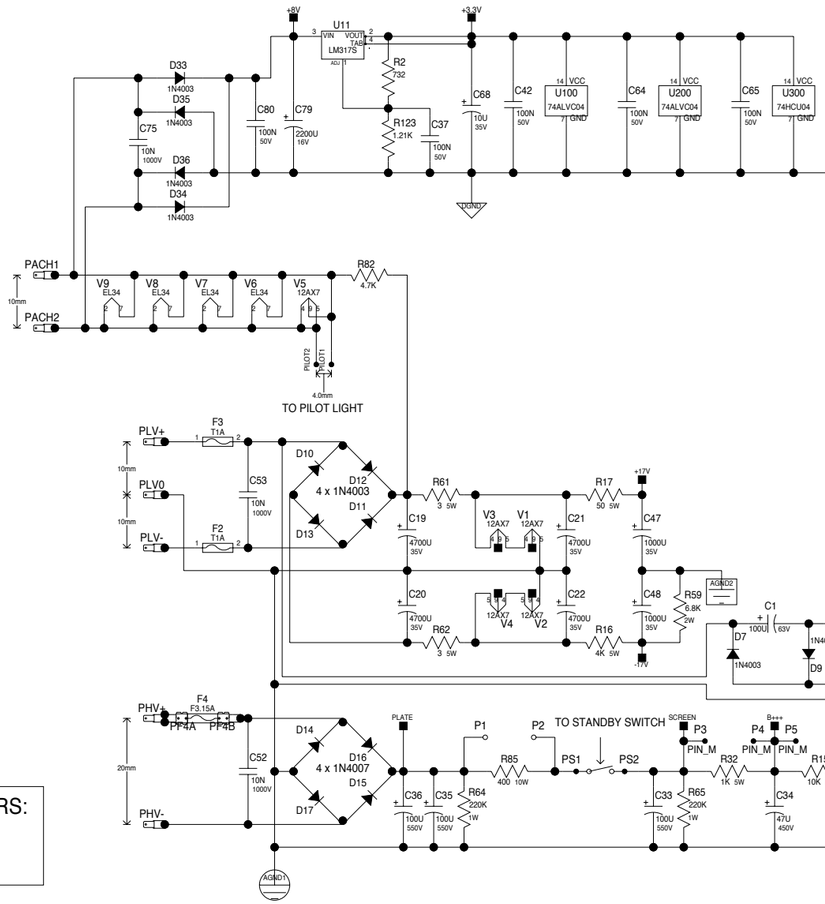
REV	Eng	Date:	Revision Description	ECN#
A				
B				
C				
D				
E				
F				

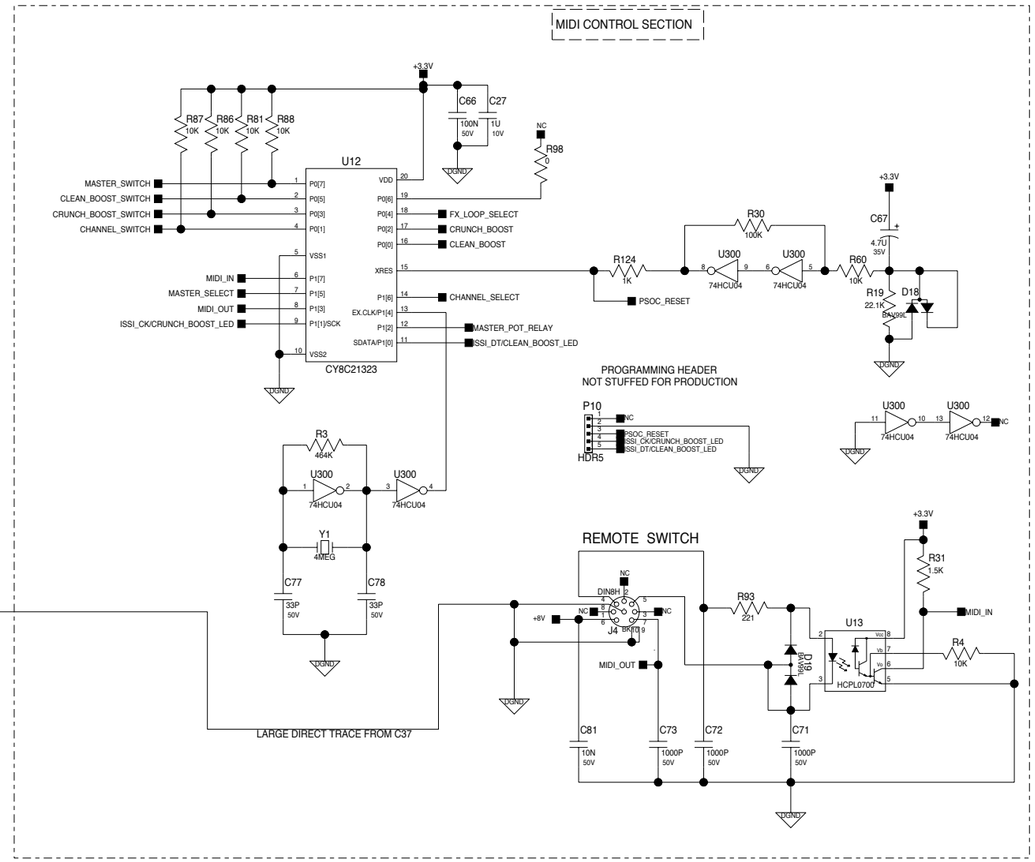
INDEX

SHEET	DESCRIPTION





POWER TRANSFORMERS:
100/120V = #30535097
220/240V = #30535098



Note: All thru hole Resistors are 1/4 Watt unless otherwise indicated.
All SMT 1206 Resistors are 1/4 Watt.
All SMT 0805 Resistors are 1/10 Watt.
Note Capacitor Values are indicated as Follows:
val P = pF (picoFarads) val * 10 exp-12
val N = nF (nanoFarads) val * 10 exp-9 (1N=1000pF, 100N=0.1uF)
val U = uF (microFarads) val * 10 exp-6

Patents:

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Company Proprietary Information

Peavey Electronics Corp.
P. O. Box 2898
Meridian, MS 39301

Product: THE BUTCHER

Title:

Project Number:

Eng: TCJ/JCF/RBB | Release Date:

D | Sheet 1 of 4 | Saved: 4-26-2010_16:47

CONTROL BREAKAWAY

INPUT

PUNCH

VOLUME1

VOLUME2

TREBLE1

TREBLE2

BASS1

BASS2

MID1

MID2

GAIN1

GAIN2

CHANNEL

BOOST1

BOOST2

MASTER SELECT

MASTER 1 MASTER 2

PRESENCE

DISCRETE TRACE FROM J1

CABLE #30651217

CABLE #30651216

CABLE #30651182

CABLE #30651216

CHANNEL_SWITCH

CRUNCH_BOOST_SWITCH

CLEAN_BOOST_SWITCH

CHANNEL_SELECT

CRUNCH_BOOST

CLEAN_BOOST

FX_LOOP_SELECT

MASTER_SWITCH

MASTER_POT_RELAY

SEND

RETURN

(SEE P4 ABOVE)

(SEE P5 ABOVE)

(SEE P7 ABOVE)

HW11 HW12 HW13 HW14 HW15 HW16

LED SPACERS (0.850")

HW3 HW4 HW5 HW6 HW7 HW8 HW9 HW10

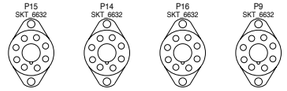
PV1 SKT_6831 PV2 SKT_6831 PV3 SKT_6831 PV4 SKT_6831 PV5 SKT_6831

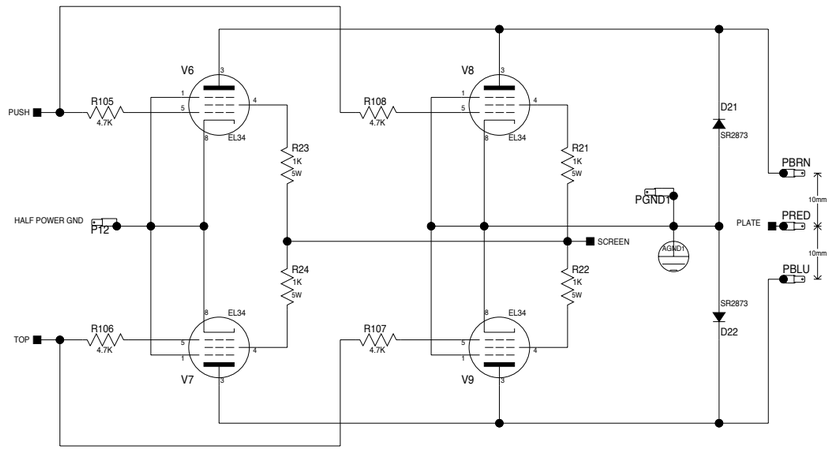
Peavey Electronics Corp.
P. O. Box 2898
Meridian, MS 39301

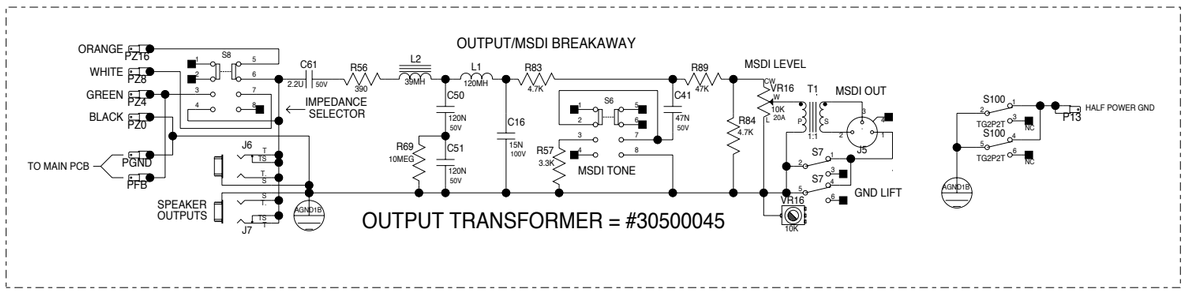
Title: THE BUTCHER

Designed by: Tim Jauernig/John C. Fields/Bobby Baldwin

D | Sheet 2 of 4 | Date: 4-26-2010_16:47







PEAVEY
Peavey Electronics Corp.
P. O. Box 2898
Meridian, MS 39301

Title: **THE BUTCHER**

Sheet Title:

Designed by: Tim Jauernig/John C. Fields/Bobby Baldwin

D | Sheet 3 of 4 | Date: 4-26-2010_16:47

BUTCHER MAIN
PRIMARY SIDE VIEW

MOUNT USING
2 – 31500954 SCREWS

INSERT FUSE
30900164

ADD (3) 31500595
NUTS

INSTALL 30900793
SPACER WITH LED

ADD (3) 31500595
NUTS

INSTALL 30900793
SPACER WITH LED

ADD (3) 31500595
NUTS

ADD (3) 31500595
NUTS

INSTALL 30900793
SPACER WITH LED

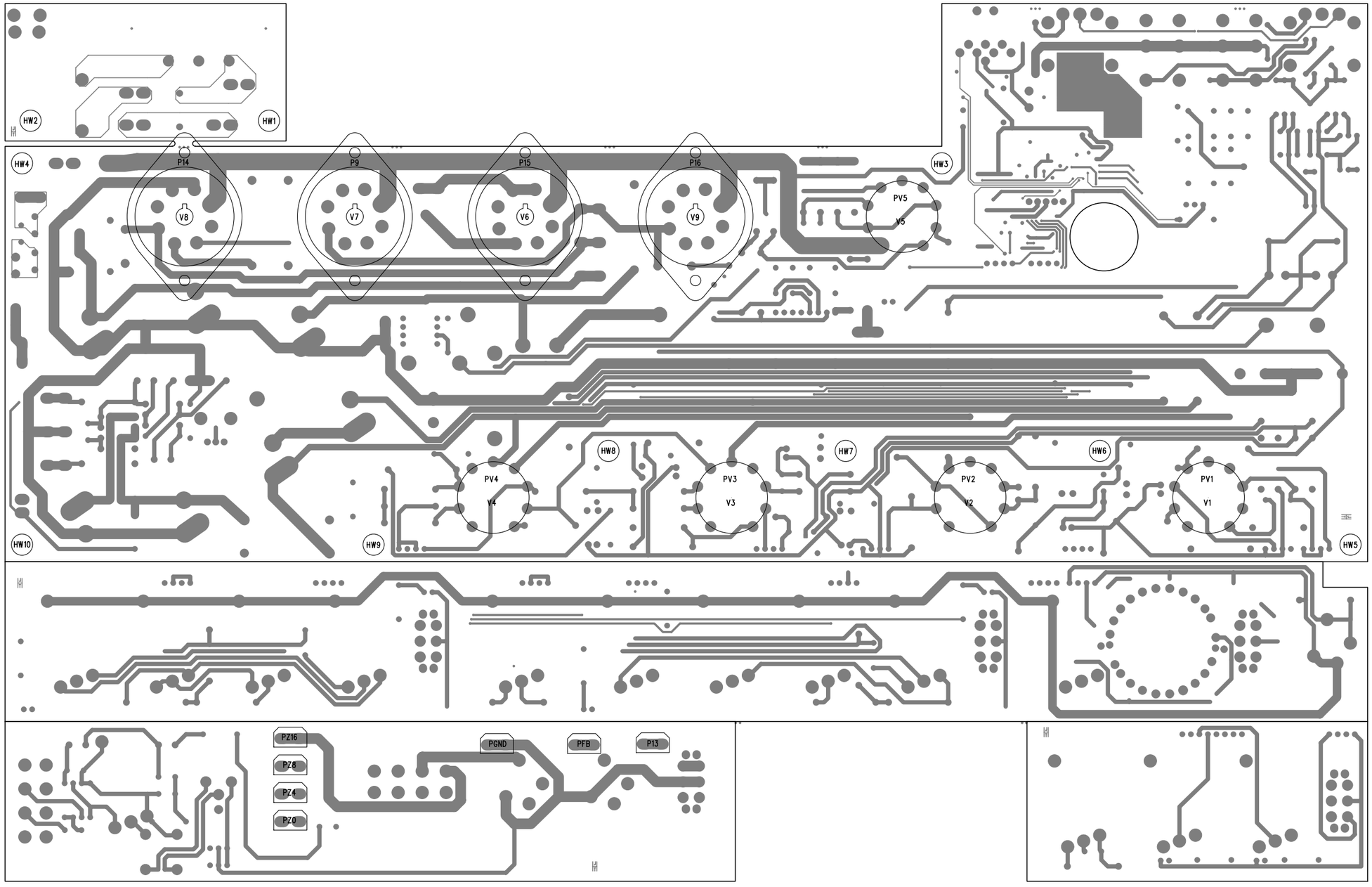
INSTALL 30900793
SPACER WITH LED

ADD (3) 31500595
NUTS

INSTALL 30900793
SPACER WITH LED

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BUTCHER MAIN
SECONDARY SIDE VIEW



BILL OF MATERIAL REPORT

REPORT DATE/TIME: 3/16/2011 9:28:43 AM

BOARD NAME: Butcher Main ASSEMBLY LEVEL NUMBER: 29100880

PROJECT NUMBER: P0900074 DESIGNER: FJE - 32101756

Qty.	Part #	Description	Reference Designators
2	30200138	499 1/4W 1% MF 1206	R103 R104
1	30200164	0.0 JUMPER SMT 0805	R98
1	30200174	10K 1/10W 1% MF 0805	R4
1	30200183	221 1/10W 1% MF 0805	R93
1	30200187	732 1/10W 1% MF 0805	R2
1	30200188	1.00K 1/10W 1% MF 0805	R124
1	30200190	1.50K 1/10W 1% MF 0805	R31
5	30200194	100K 1/10W 1% MF 0805	R46 R51 R52 R53 R54
4	30200195	1.00M 1/10W 1% MF 0805	R99 R100 R101 R102
2	30200205	47.5K 1/10W 1% MF 0805	R25 R26
1	30200283	1.21K 1/10W 1% MF 0603	R123
5	30200289	10K 1/10W 1% MF 0603	R60 R81 R86 R87 R88
1	30200296	22.1K 1/10W 1% MF 0603	R19
1	30200342	221K 1/10W 1% MF 0805	R27
4	30200371	49.9K 1/4W 1% MF 1206	R125 R126 R127 R128
1	30200417	464K 1/10W 1% MF 0805	R3
1	30200475	100K 1/10W 1% MF 0603	R30
1	30210004	47K 1W 5% MO AXL	R58
1	30210006	4700 1W 5% MO AXL	R95

1	30210007	1500	1W	5%	MO AXL	R20
2	30210008	220K	1W	5%	MO AXL	R64 R65
1	30210016	2700	1W	10%	MO AXL	R72
1	30210018	10K	1W	5%	MO AXL	R15
2	30210027	33K	1W	5%	MO AXL	R66 R67
2	30210028	1.8K	1W	5%	MO AXL	R35 R50
1	30210078	470	1W	5%	CF AXL	R94
2	30210079	820	1W	5%	CF AXL	R28 R29
1	30210082	4.7K	1W	5%	CF AXL	R96
2	30210083	10K	1W	5%	CF AXL	R33 R34
2	30210086	82K	1W	5%	CF AXL	R1 R7
10	30210087	100K	1W	5%	CF AXL	R37 R38 R39 R40 R41 R42 R43 R44 R45 RFB
4	30210090	470K	1W	5%	CF AXL	R5 R6 R8 R9
8	30210092	1M	1W	5%	CF AXL	R73 R74 R75 R76 R77 R78 R79 R80
1	30210093	2.7M	1W	5%	CF AXL	R91
6	30240012	180	1/4W	5%	CF AXL	R115 R116 R117 R118 R119 R120
1	30240013	270	1/4W	5%	CF AXL	R121
6	30240015	470	1/4W	5%	CF AXL	R70 R71 R111 R112 R113 R114
1	30240017	1K	1/4W	5%	CF AXL	R122
2	30240018	1500	1/4W	5%	CF AXL	R109 R110
1	30240022	3300	1/4W	5%	CF AXL	R57
7	30240023	4700	1/4W	5%	CF AXL	R82 R83 R84 R105 R106 R107 R108
1	30240027	15K	1/4W	5%	CF AXL	R10
1	30240029	22K	1/4W	5%	CF AXL	R36
1	30240031	47K	1/4W	5%	CF AXL	R89

2	30240036	220K 1/4W 5% CF AXL	R11 R12
1	30240038	470K 1/4W 5% CF AXL	R90
1	30240039	1M 1/4W 5% CF AXL	R47
1	30240040	2.2M 1/4W 5% CF AXL	R18
1	30240060	390 1/4W 5% CF AXL	R56
4	30240090	47 1/4W 5% FP AXL	R48 R49 RGND1 RGND2
2	30240151	100K 1/4W 1% MF AXL	R129 R130
1	30240205	10M 1/4W 5% CF AXL	R69
6	30240409	NSL-32SR3 OPTOCOUPLER	U1 U2 U3 U4 U5 U6
1	30241008	5.62K--1/4W--1%---MF--T&R	RBH
1	30241075	100 1/4W 1% MF AXL	R68
2	30241094	240K---1/4W--5%---CF--T&R	R13 R14
1	30241254	13.1K 1/4W MF 1% AXIAL	RBL
2	30250018	68K 1W 10% MO AXL	R63 R92
1	30250019	400 10W 10% FP AXLH	R85
1	30250052	6.8K 2W 5% MO AXL	R59
1	30300069	0.22UF 50V 10% X7R 1206	C55
1	30300079	47UF 35V 20% EL SMT6	C58
1	30300080	10UF 16V 20% EL SMT4	C17
1	30300081	1UF 50V 20% EL SMT4	C46
1	30300084	2.2UF 35V 20% ELN SMT4	C25
1	30300094	1UF 10V 10% X7R 0805	C27
6	30300121	0.1UF 50V 5% X7R 0805	C37 C42 C44 C64 C65 C66
1	30300124	0.01UF 50V +80,20% Y5V 0603	C81
2	30300138	33PF 50V 5% NPO 0603	C77 C78
1	30300156	0.047UF 50V 10% X7R 0805	C70
3	30300160	1000PF 50V 5% NPO 0603	C71 C72 C73

1	30300197	0.68UF 50V 20% X7R 1210	C59
1	30300217	0.47UF 25V 5% X7R 0805	C24
1	30300237	22UF 16V 20% EL SMT4	C26
2	30300247	4.7UF 35V 20% EL SMT4	C23 C67
1	30300271	330NF 50V 10% X7R 0805	C76
3	30320099	0.01UF 1000V 80-20% Z5U	C52 C53 C75
2	30320144	10UF 35V 20% EL RADH	C68 C69
2	30320180	2.2UF 50V 20% EL RAD	C45 C60
1	30320181	22UF 50V 20% EL RAD	C40
1	30320184	2.2UF 50V 20% ELN RAD	C61
2	30320186	1000UF 35V 20% EL RAD	C47 C48
4	30320264	100UF 63V 20% EL RAD	C1 C2 C3 C4
1	30320281	1000PF 630V 10% PE AXL	C43
10	30320283	0.022UF 400V 10% PE AXL	C5 C6 C7 C8 C9 C10 C11 C12 C13 C14
1	30320334	0.1UF 250V 10% PE AXL	C82
1	30320441	39PF 1000V 20% Z5F RADH	C49
4	30320443	4700UF 35V 20% EL SNPHT3	C19 C20 C21 C22
1	30320556	0.1UF 275V 10% "X" RADH	C57
5	30320569	470PF 400V 20% PP RADH	C28 C29 C30 C31 C32
1	30320572	100PF 400V 20% PP RADH	C18
3	30320573	100UF 550V 20% EL SNPH	C33 C35 C36
1	30320674	2200UF 16V 20% EL RAD	C79
1	30320685	0.47UF 250V 10% PE RADH	C15
1	30330051	0.015UF 100V 5% PE RADH	C16
2	30330113	0.1UF 100V 10% PPS RAD	C38 C39
2	30330133	0.12UF 50V 5% PE RAD	C50 C51

1	30330136	0.047UF 50V 5% PE RAD	C41
1	30330149	0.68UF 100V 5% PES RAD	C56
1	30340100	0.1UF 50V 80-20% Z5U AXL	C80
3	30350206	47UF 450V 20% EL RAD	C34 C62 C63
2	30400933	2SA933ASLN PNP LN RAD	Q8 Q9
2	30401740	2SC1740SLN NPN LN RAD	Q6 Q7
2	30402873	SR2873 2KV, 250MA DIODE	D21 D22
1	30418043	74HCU04 6- INVERTER SO14	U300
4	30418261	1N4003 - SMT - SMA PKG	D33 D34 D35 D36
1	30418301	OPTOCOUPER (SMT VER. OF 6N138)	U13
1	30418369	2N7002E N CH 60V MOSFET	Q1
2	30418543	74ALVC04 HEX- INV TSSOP14	U100 U200
3	30418655	BAV99L DUAL 4148 DIODE SO	D18 D19 D20
1	30418706	LM317S ADJ POS REGULATOR	U11
1	30418886	PSOC CY8C21323 PROG HMP100 AMP	U12
3	30450068	RED T1 3/4 LED S-BRT BULK	D2 D3 D6
3	30450851	S-GREEN T1 3/4 LED S-BRT BULK	D1 D4 D5
1	30463919	2N4401 NPN TO92 RAD	Q2
7	30464003	1N4003 200V 1A SI DIODE	D7 D8 D9 D10 D11 D12 D13
4	30464007	1N4007 1KV, 1A, SI DIODE	D14 D15 D16 D17
7	30464148	1N4148 75V 10MA DIODE	D23 D24 D25 D26 D27 D28 D29
1	30500026	DU-26 MIN. PC BAL OUTPUT XFMR	T1
1	30500104	39MH RADIAL INDUCTOR	L2
1	30500105	120MH RADIAL INDUCTOR	L1
4	30806617	EL34 POWER TUBE	V6 V7 V8 V9
5	30806629	12AX7 LOW MICROPHONIC	V1 V2 V3 V4

			V5
5	30806631	TUBE SKT 9PIN CERAMIC	PV1 PV2 PV3 PV4 PV5
4	30806632	TUBE SKT OCTAL 6L6GC	P9 P14 P15 P16
1	30810013	CRYSTAL 4.0MHZ SMT	Y1
6	30900793	LED SPACER .850"	HW11 HW12 HW13 HW14 HW15 HW16
1	30901428	PWR INLET, RA SCREW MT PC RA GND	J8
1	30901429	EXT. FUSEHOLDER, PC MT	F1
2	30901714	FUSE CLIP, 5 X 20MM -T&A	PF4A PF4B
1	30901785	SCREW TERM, 6-32 -PCB MT	PCGND
8	30901859	STND .500 T4-40,SW,AL,ST	HW3 HW4 HW5 HW6 HW7 HW8 HW9 HW10
2	30901890	STND .375 T4-40SW,AL,ST	HW1 HW2
2	30905045	FUSE, T1A 250V 3.6X10 PIGTAIL	F2 F3
1	31190256	10KB SNGL 9MM VER	VRBIAS
7	31190303	1M20A SNGL 16MM SPD	VR1 VR4 VR5 VR6 VR9 VR10 VR11
1	31190334	250KB SNGL 16MM SPD	VR7
3	31190335	50KB SNGL 16MM SPD	VR3 VR8 VR13
1	31190337	10K20A SNGL 16MM SPD	VR16
2	31190339	250K20A SNGL 16MM SPD	VR2 VR12
1	31190515	250KB SNGL 16MM HOR	VR14
1	31190522	1M5A SNGL 16MM HOR	VR15
1	31322251	SWITCH DPDT PP 3.3MM PC V	S7
1	31322277	RELAY 12V DPDT .5A	S9
2	31322328	SWITCH 2P3T SLIDE PC V	S6 S8
1	31322378	RELAY 12V DPDT LOW MIC	SR5
5	31322476	SWITCH 2P2T TOGGLE	S1 S3 S4 S5 S100

1	31322567	SWITCH 2P12T ROTARY PC V	S2
1	31466147	CONN 8 POSITION RA PCMNT DIN	J4
2	31466165	JK RA 12.5MM NIN STEO-88	J2 J3
3	31466214	2 TIP HID JACK NINS W/SPD	J1 J6 J7
1	31466324	MXLR NC3MAV A-SER VERT	J5
1	31600254	50 5W 10% WW AXLH LS	R17
2	31600262	3 5W 10% WW AXLH SL	R61 R62
1	31600263	4K 5W 10% WW AXLH SL	R16
5	31600265	1K 5W 10% WW AXLH SL	R21 R22 R23 R24 R32
3	33711811	PIN-F .093 MOLEX PC-MNT	P1 P2 PBIAS
8	33711812	PIN-M .093 MOLEX PC-MNT	P3 P4 P5 P6 P7 P8 PS1 PS2
24	33716194	SPADE .250 PC MNT .093	P11 P12 P13 PACH1 PACH2 PBLU PBRN PFB PGND PGND1 PHV+ PHV- PLV+ PLV- PLV0 PP1 PP2 PRED PX1 PX2 PZ0 PZ4 PZ8 PZ16
2	33717003	1 STAKE PIN .045 .625 TIN	PILOT1 PILOT2
2	33717010	8 HDR H SR .100" TIN LK	P7A P7B
16	33717015	4 HDR V SR .100" TIN LK	P1A P1B P2A P2B P3A P3B P4A P4B P5A P5B P6A P6B P100A P100B P200A P200B
1	33717352	5 HDR V SR 0.100" TIN	P10

END OF BILL OF MATERIAL REPORT
