BILL OF MATERIAL REPORT

REPORT DATE/TIME: 9/22/2005 8:51:21 AM

BOARD NAME: Valve King 112 ASSEMBLY LEVEL NUMBER: 99061280

PROJECT NUMBER: P0400019 DESIGNER: EC

Qty.	Part #	Description	Reference Designators
1	30240064	3.9M 1/4W 5% CF AXL	R173
2	30320573	100UF 550V 20% EL SNPH	C202 C204
1	30340000	1000PF 50V 10% NPO AXL	C149
2	33716927	.250 PC MNT R/A SPADE	P6 P7
1	70210000	1K 1W 5% MO AXL	R206
1	70210004	47K 1W 5% MO AXL	R203
1	70240003	10 1/4W 5% CF AXL	R170
1	70240008	47 1/4W 5% CF AXL	R142
1	70240010	100 1/4W 5% CF AXL	R171
2	70240015	470 1/4W 5% CF AXL	R134 R162
4	70240017	1K 1/4W 5% CF AXL	R128 R137 R166 R174
7	70240018	1500 1/4W 5% CF AXL	R116 R118 R120 R147 R159 R160 R161
1	70240020	2200 1/4W 5% CF AXL	R123
1	70240026	56K 1/4W 5% CF AXL	R4
1	70240027	15K 1/4W 5% CF AXL	R165
4	70240029	22K 1/4W 5% CF AXL	R110 R129 R168 R169
2	70240030	33K 1/4W 5% CF AXL	R164 R205
3	70240031	47K 1/4W 5% CF AXL	R119 R124 R143
1	70240032	68K 1/4W 5% CF AXL	R133
1	70240033	82K 1/4W 5% CF AXL	R3

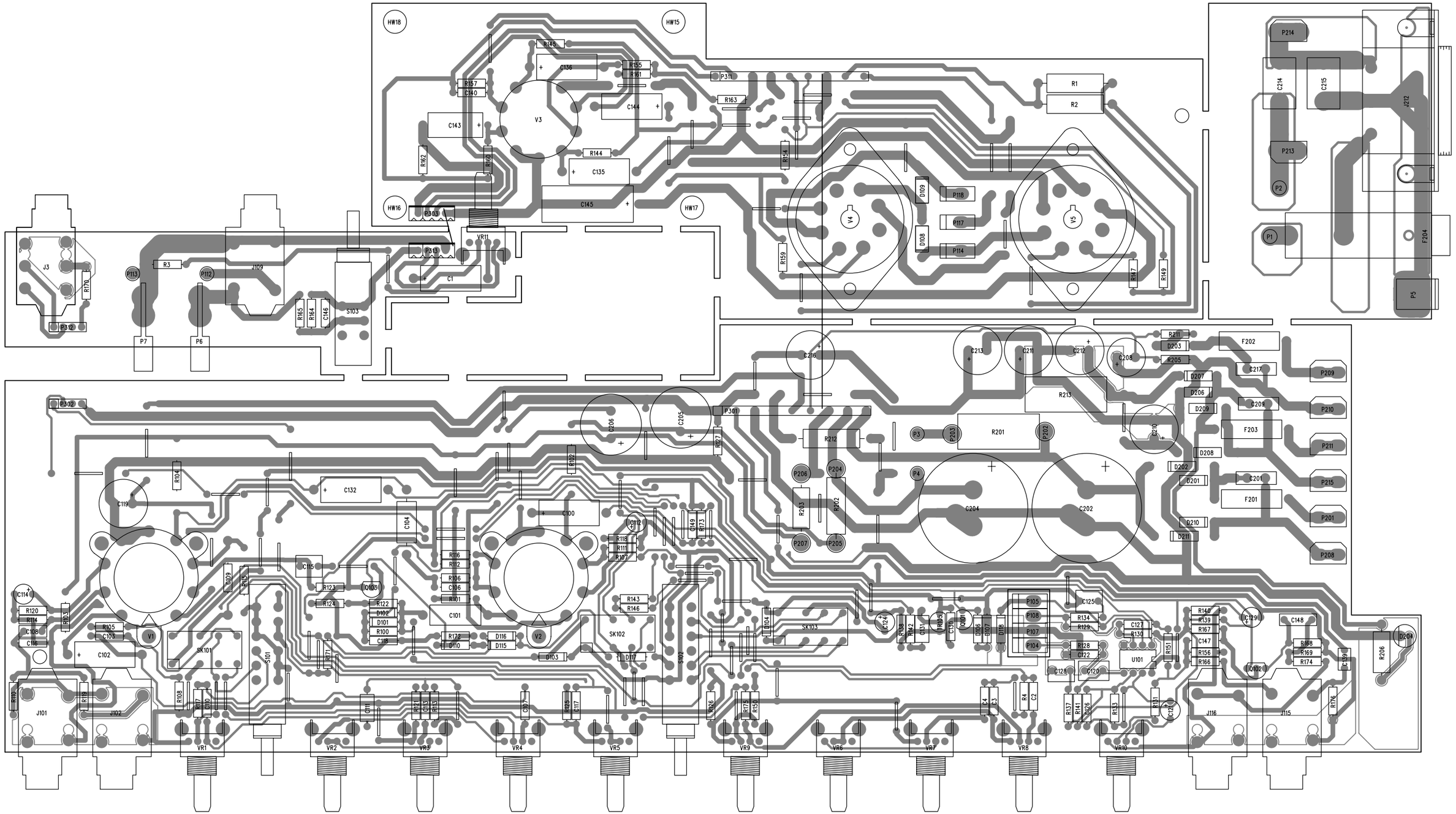
6	70240034	100K 1/4W 5% CF AXL	R113 R139 R140 R141 R144 R163
1	70240035	150K 1/4W 5% CF AXL	R150
7	70240036	220K 1/4W 5% CF AXL	R105 R108 R121 R122 R145 R149 R154
4	70240037	330K 1/4W 5% CF AXL	R131 R146 R151 R156
3	70240038	470K 1/4W 5% CF AXL	R106 R112 R114
7	70240039	1M 1/4W 5% CF AXL	R100 R111 R115 R130 R155 R157 R167
4	70240040	2.2M 1/4W 5% CF AXL	R117 R125 R138 R172
2	70240064	3.9M 1/4W 5% CF AXL	R175 R176
1	70240065	680K 1/4W 5% CF AXL	R107
2	70240090	47 1/4W 5% FP AXL	R126 R127
1	70240151	100K 1/4W 1% MF AXL	R102
1	70241022	7.32K 1/4W 1% MF AXL	R211
3	70241035	150K 1/4W 1% MF AXL	R101 R103 R104
1	70250020	390 5W 5% FP AXLH	R201
2	70250074	330 RSS2W 5% MO AXL	R1 R2
1	70250080	100 2W 5% MO AXL	R212
1	70250086	10K 2W 5% MO AXL	R202
1	70320012	22UF 25V 20% EL AXL	C143
1	70320102	220UF 25V 50-20% EL AXLH	C145
3	70320105	0.047UF 400V 10% PES AXL	C102 C132 C135
2	70320180	2.2UF 50V 20% EL RAD	C121 C129
3	70320181	22UF 50V 20% EL RAD	C112 C114 C124
6	70320186	1000UF 35V 20% EL RAD	C119 C210 C211 C212 C213 C216
3	70320248	0.01UF 1000V 80-20% Z5U RAD	C201 C209 C217
1	70320264	100UF 63V 20% EL RAD	C208

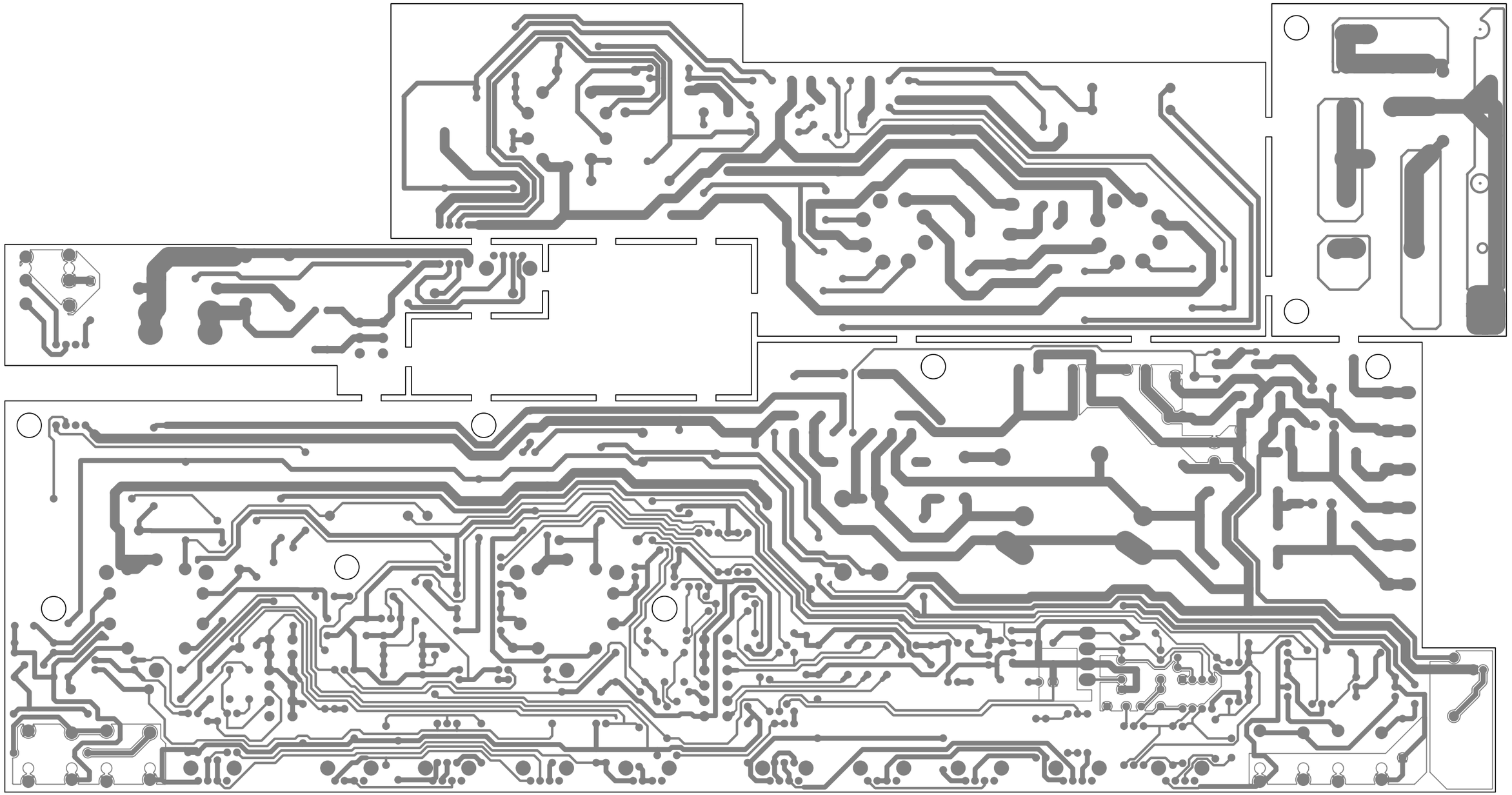
1	70320281	1000PF 630V 10% PE AXL	C104
1	70320283	0.022UF 400V 10% PE AXL	C101
4	70320334	0.1UF 250V 10% PE AXL	C1 C100 C136 C144
2	70320339	22UF 450V 20% EL RADH	C205 C206
2	70320556	0.1UF 275V 10% "X" RADH	C214 C215
1	70330096	0.22UF 100V 5% PES RADH	C148
1	70330113	0.1UF 100V 10% PPS RAD	C108
1	70330129	0.1UF 50V 5% PE RAD	C120
1	70330130	3300PF 50V 5% PE RAD	C139
1	70330158	1UF 63V 5% PES RAD	C125
2	70330159	0.47UF 63V 5% PES RAD	C115 C128
1	70340000	1000PF 50V 10% NPO AXL	C118
1	70340004	2200PF 50V 10% X7R AXL	C103
1	70340011	0.01UF 50V 10% X7R AXL	C122
3	70340012	0.022UF 50V 10% X7R AXL	C3 C4 C130
2	70340014	0.033UF 50V 10% X7R AXL	C113 C146
1	70340017	0.047UF 50V 10% X7R AXL	C109
1	70340052	39PF 50V 5% NPO AXL	C116
2	70340054	100PF 50V 10% NPO AXL	C126 C140
3	70340057	270PF 50V 10% NPO AXL	C2 C107 C110
3	70340058	470PF 50V 10% NPO AXL	C106 C117 C127
3	70340101	0.1UF 50V 10% X7R AXL	C111 C131 C147
2	70400757	1N757A 9.1V 5% ZENER	D106 D107
2	70402873	SR2873 2KV, 250MA DIODE	D108 D109
1	70414560	4560 DUAL OPAMP DIP8	U101
1	70450068	RED T1 3/4 LED S-BRT BULK	D204
1	70460097	MAC97-6 TRIAC TO-92 T&A	TR105
2	70460174	J174 JFET P 30V TO92 RAD	Q101 Q103

1	70463919	SKA3919 NPN TO92 RAD	Q102
5	70464003	1N4003 200V 1A SI DIODE	D203 D206 D207 D208 D209
4	70464007	1N4007 1KV, 1A, SI DIODE	D201 D202 D210 D211
9	70464148	1N4148 75V 10MA DIODE	D101 D102 D103 D104 D110 D115 D116 D117 D118
2	70600055	4C .100 STRP STRP 8" JMP	P302 P312
2	70600518	9C .200 STRP STRP 6" JMP	P301 P311
2	70600521	4C 2.5MM WPCB WPCB 4"	P303 P313
2	70806614	TUBE SKT 9PIN SNAP-IN	V1 V2
1	70806619	TUBE SKT 9PIN PHENOLIC	V3
2	70806627	TUBE SKT OCTAL 6L6GC	V4 V5
1	70901182	FUSE, 3A 250V 2AG T&R	F203
1	70901244	1A FUSE 5X15MM PIG TAIL T&R	F202
1	70901428	PWR INLET, RA SCREW MT PC RA GND	J212
1	70901429	EXT. FUSEHOLDER, PC MT	F204
1	70901446	FUSE, 1.5A--2AG--S/B--T&R	F201
1	70901785	SCREW TERM, 6-32 -PCB MT	P5
4	70901859	STND .500 T4-40,SW,AL,ST	HW15 HW16 HW17 HW18
9	70901890	STND .375 T4-40SW,AL,ST	HW1 HW2 HW3 HW4 HW5 HW6 HW7 HW8 HW9
1	71190900	10KB SNGL 12MM HOR	VR10
2	71190903	20KB SNGL 12MM HOR	VR3 VR7
2	71190908	250KB SNGL 12MM HOR	VR4 VR8
3	71190910	1M5A SNGL 12MM HOR	VR2 VR5 VR6
2	71190911	1M15A SNGL 12MM HOR	VR1 VR9
1	71191012	1MB SNGL 12MM HOR	VR11
2	71322256	SWITCH 2XDPDT PP 3.3 PC H	S101 S102

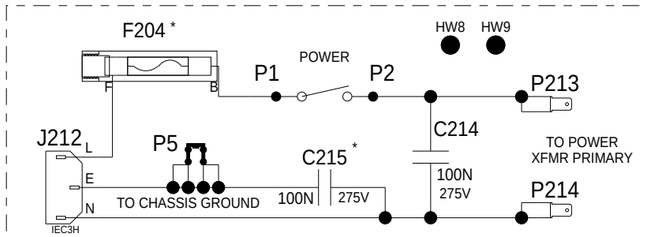
2	71322277	RELAY 12V DPDT .5A	SK102 SK103
1	71322289	SWITCH DPDT PP 3.3MM PC H	S103
1	71322378	RELAY 12V DPDT LOW MIC	SK101
1	71466223	JACK, STEREO R/A 1/4" 6.5MM	J3
5	71466322	JACK, MONO R/A 1/4" 6.5MM NINS	J101 J102 J109 J115 J116
1	71600264	1 5W 5% WW AXLH SL	R213
6	73711812	PIN-M .093 MOLEX PC-MNT	P202 P203 P204 P205 P206 P207
6	73713813	WR-TO-BD CRIMP TERM 18GA	P1 P2 P3 P4 P112 P113
8	73716194	SPADE .250 PC MNT .093	P201 P208 P209 P210 P211 P213 P214 P215
7	73717003	1 STAKE PIN .045 .625 TIN	P104 P105 P107 P108 P114 P117 P118
86	JUMPER	????????????????????????????????	JMP1 JMP2 JMP3 JMP4 JMP5 JMP6 JMP7 JMP8 JMP9 JMP10 JMP11 JMP12 JMP13 JMP14 JMP15 JMP16 JMP17 JMP18 JMP19 JMP20 JMP21 JMP22 JMP23 JMP24 JMP25 JMP26 JMP27 JMP28 JMP29 JMP30 JMP31 JMP32 JMP33 JMP34 JMP35 JMP36 JMP37 JMP38 JMP39 JMP40 JMP41 JMP42 JMP43 JMP44 JMP45 JMP46 JMP47 JMP48 JMP49 JMP50 JMP51 JMP52 JMP53 JMP54 JMP55 JMP56 JMP57 JMP58 JMP59 JMP60 JMP61 JMP62 JMP63 JMP65 JMP69 JMP71 JMP72 JMP73 JMP75 JMP76 JMP77 JMP78 JMP79 JMP80 JMP81 JMP82 JMP89 JMP94 JMP99 JMP100 JMP101 JMP104 JMP105 JMP106 JMP107 JMP108

END OF BILL OF MATERIAL REPORT


HW18
HW15
HW16
HW17
R145
C136
R155
R161
R157
C140
P311
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VR11



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

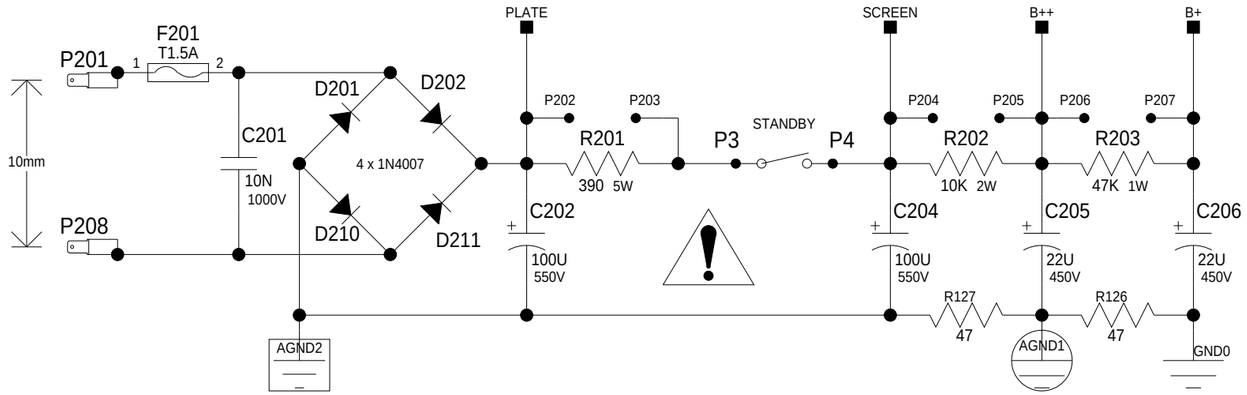


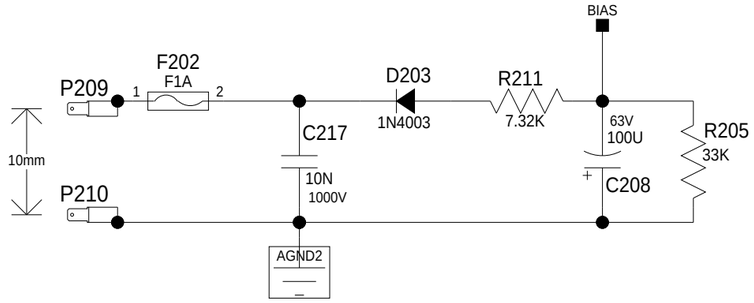
UNIVERSAL PRIMARY BREAKAWAY

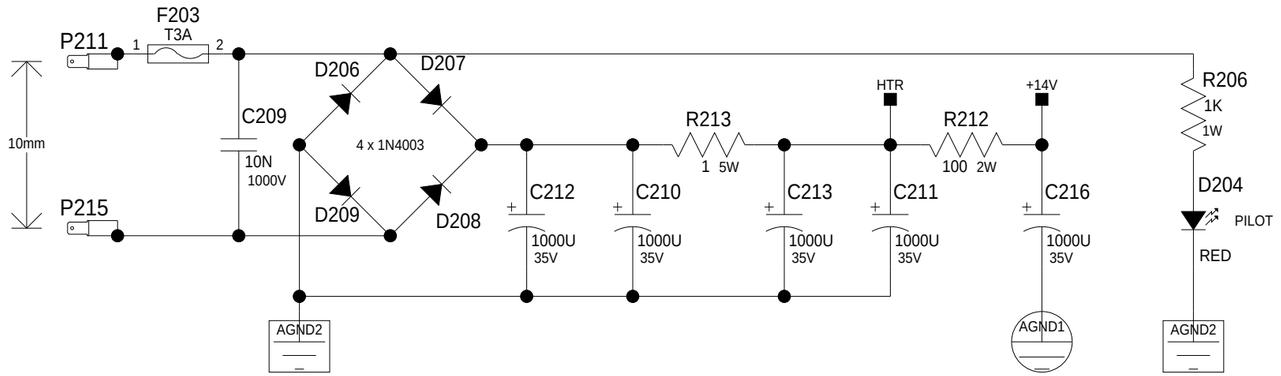
*NOTE: 120V AND 100V UNITS AS SHOWN.
C215 IS NOT INSERTED ON 230V UNITS.
F204 = 3A FAST-BLO ON 120V AND 100V UNITS.
F204 = 2A FAST-BLO ON 230V UNITS.

INDEX

SHEET	DESCRIPTION
1	COVER / POWER SUPPLY
2	PREAMP
3	POWER AMP / REVERB







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

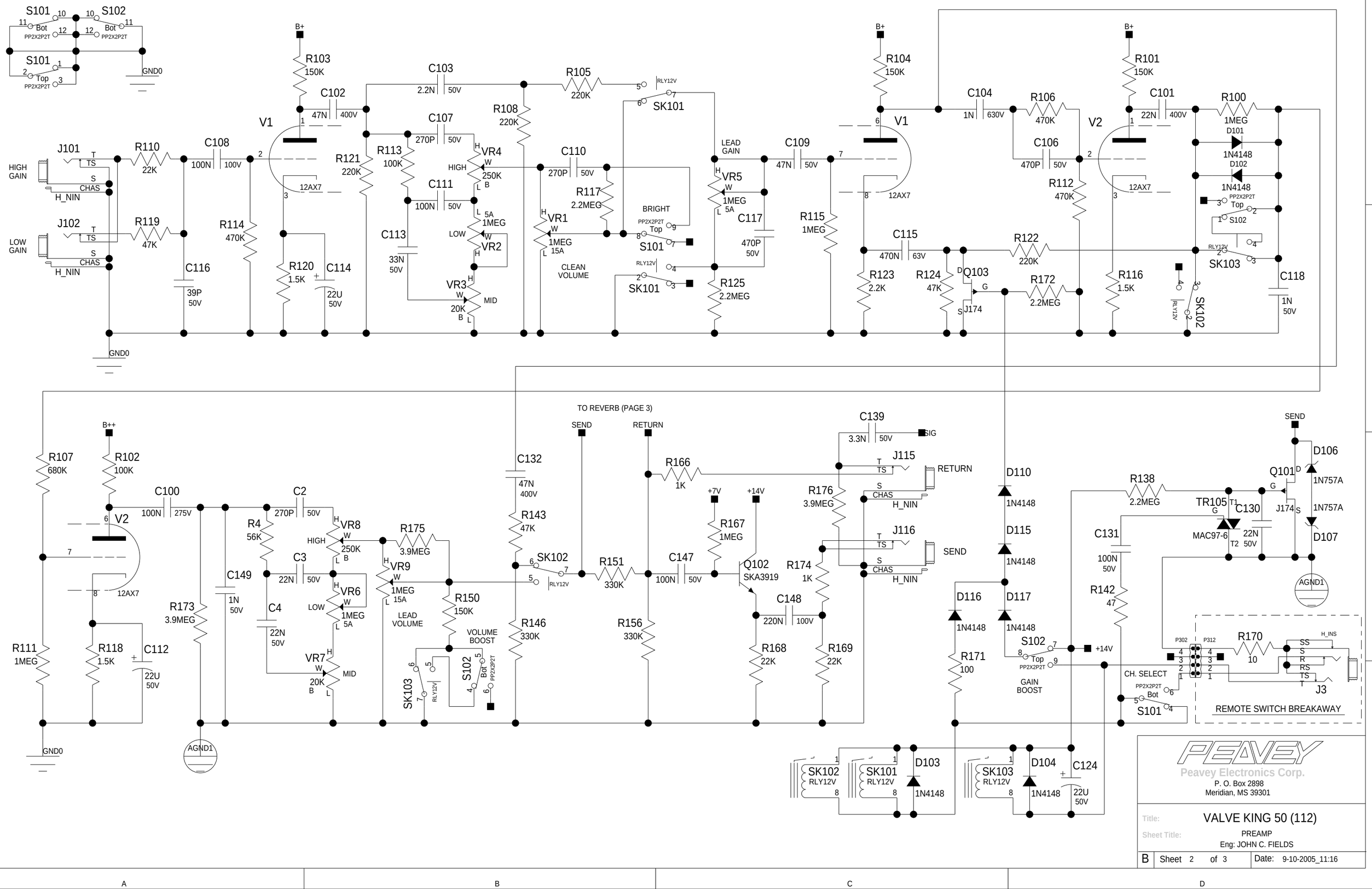
Patents: 5,197,102 (US) AND OTHER PATENTS PENDING.

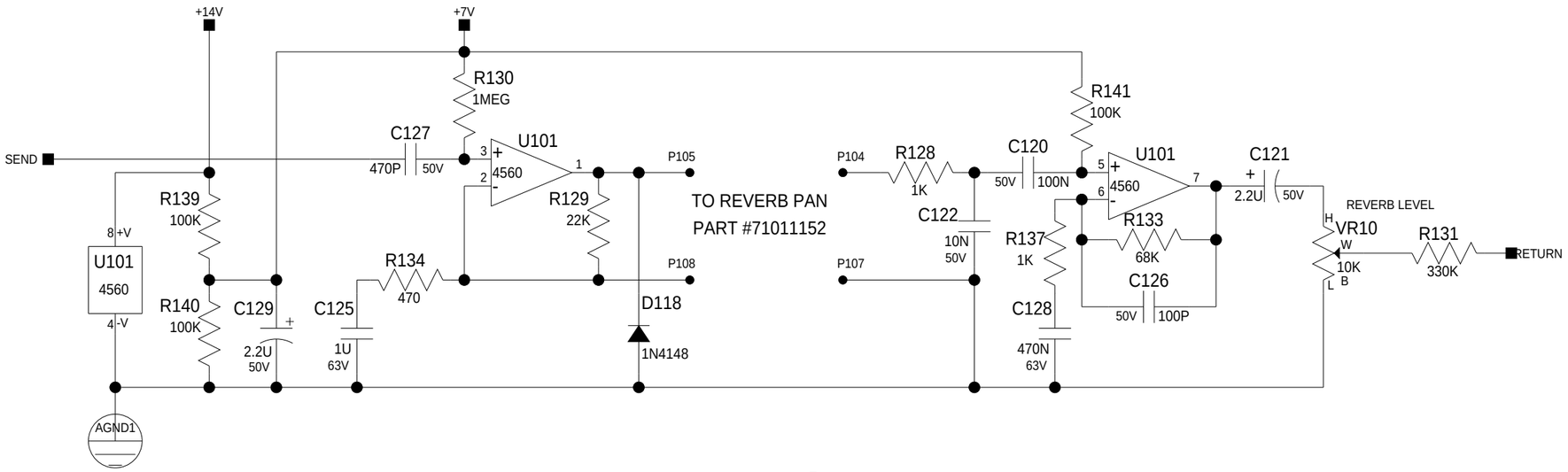
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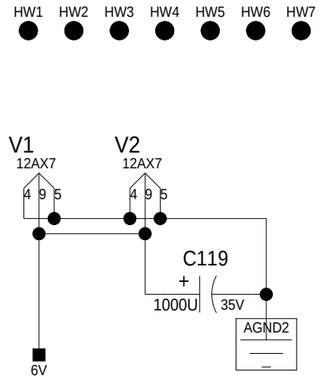
Company Proprietary Information

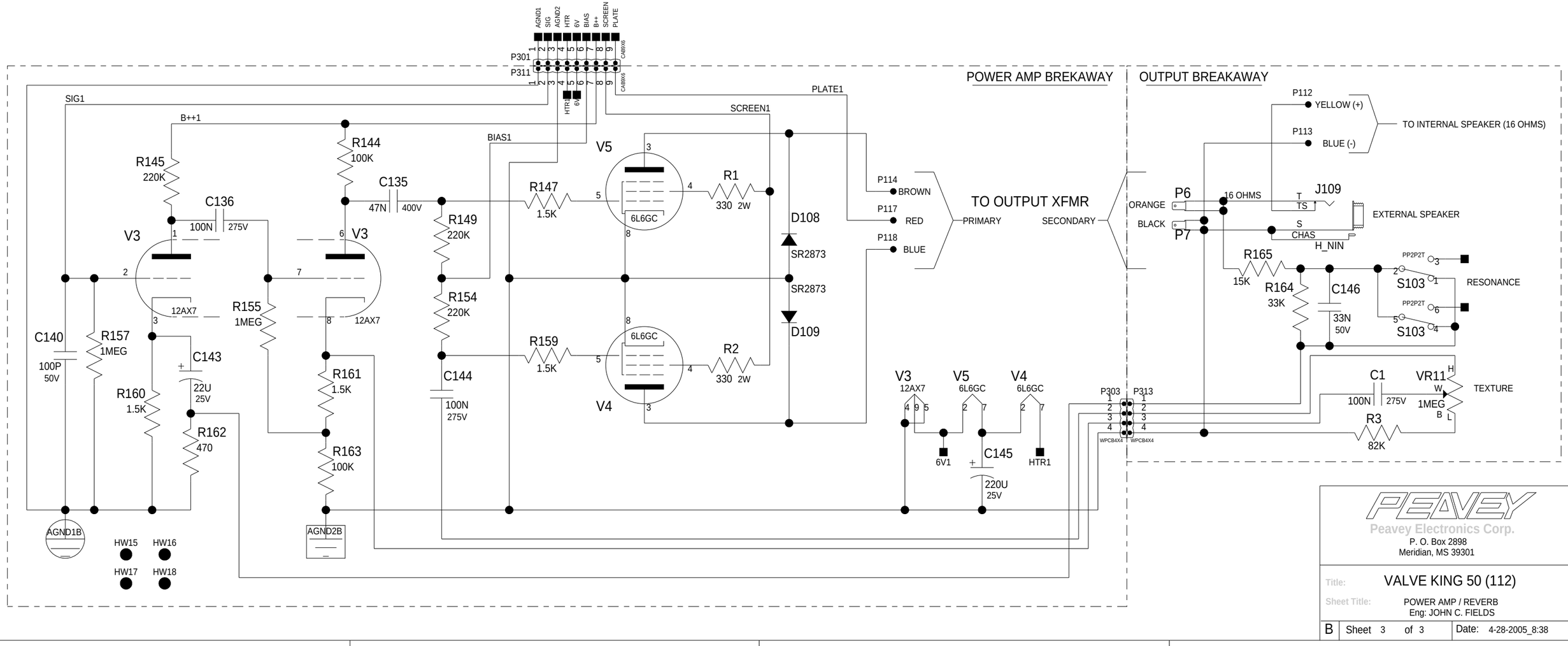
Peavey Electronics Corp.
P. O. Box 2898
Meridian, MS 39301

Product: VALVE KING 50 (112)
Title: COVER / POWER SUPPLY
Project Number: P0400019
Eng: J. C. FIELDS | Release Date:
B | Sheet 1 of 3 | Saved: 4-28-2005_10:37


S101
S102
Bot
Top
PP2X2P2T
GND0
B+
R103
150K
C102
47N
400V
C103
2.2N
50V
R105
220K
R108
220K
C107
270P
50V
R113
100K
VR4
HIGH
250K
C111
100N
50V
VR2
5A
1MEG
LOW
VR3
MID
20K
C110
270P
50V
R117
2.2MEG
VR1
1MEG
15A
CLEAN
VOLUME
BRIGHT
S101
RLY12V
SK101
R121
220K
V1
12AX7
J101
J102
HIGH
GAIN
LOW
GAIN
T
TS
S
CHAS
H_NIN
R110
22K
R119
47K
C108
100N
100V
C116
39P
50V
R114
470K
R120
1.5K
C114
22U
50V
LEAD
GAIN
VR5
1MEG
5A
C109
47N
50V
R115
1MEG
C117
470P
50V
R125
2.2MEG
R104
150K
R101
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C106
470P
50V
V2
C101
22N
400V
R100
1MEG
D101
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D102
1N4148
R112
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SK103
S102
C118
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50V
C115
470N
63V
R122
220K
R123
2.2K
R124
47K
Q103
J174
R172
2.2MEG
R116
1.5K
SK102
TO REVERB (PAGE 3)
SEND
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C132
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R143
47K
SK102
R146
330K
R151
330K
R166
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R156
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C147
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C131
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P312
R170
10
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SS
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R
RS
TS
J3
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S101
REMOTE SWITCH BREAKAWAY
B++
R107
680K
R102
100K
C100
100N
275V
R4
56K
C2
270P
50V
VR8
HIGH
250K
C3
22N
50V
VR6
LOW
1MEG
5A
C4
22N
50V
VR7
MID
20K
C149
1N
50V
R173
3.9MEG
R175
3.9MEG
VR9
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LEAD
VOLUME
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VOLUME
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SK103
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C124
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PEAVEY
Peavey Electronics Corp.
P. O. Box 2898
Meridian, MS 39301
Title:
VALVE KING 50 (112)
Sheet Title:
PREAMP
Eng: JOHN C. FIELDS
B
Sheet 2 of 3
Date: 9-10-2005_11:16







PEAVEY

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

Title: VALVE KING 50 (112)

Sheet Title: POWER AMP / REVERB
Eng: JOHN C. FIELDS

B | Sheet 3 of 3 | Date: 4-28-2005_8:38