

Do Not Install P10

1	Ground
2	High-Pass Amp
3	Ground
4	Low-Pass Amp
5	Status
6	+15V
7	Ground
8	-15V

CAB8X4

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COMPANY PROPRIETARY INFORMATION

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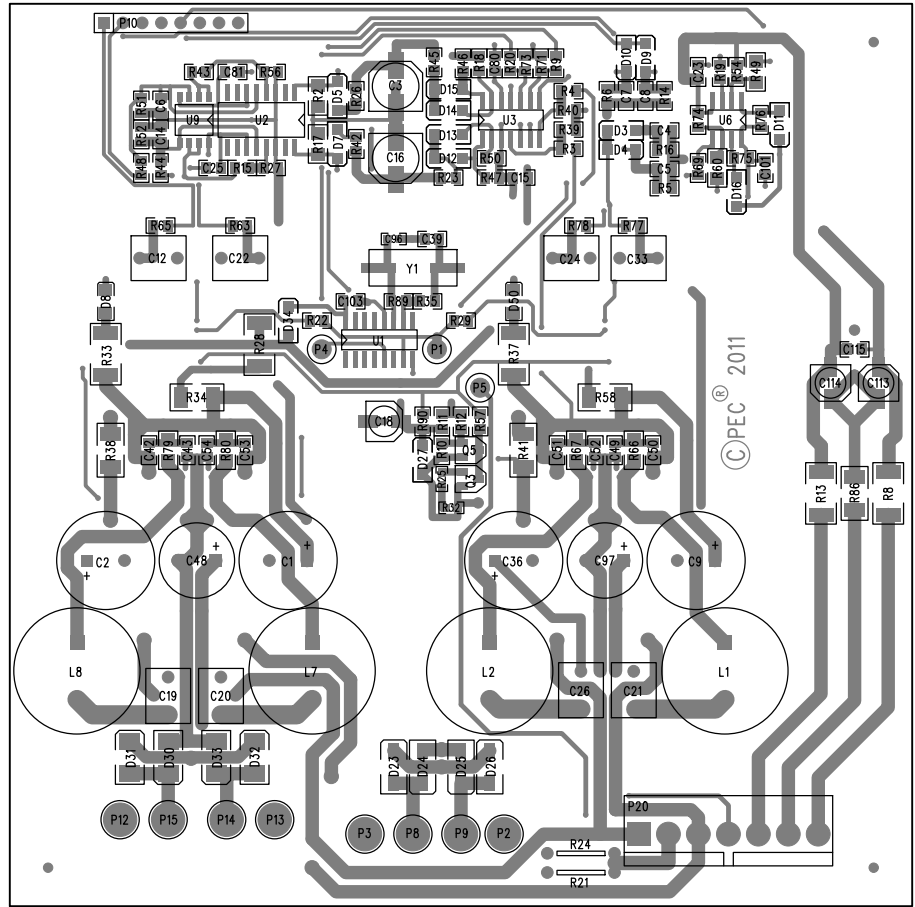
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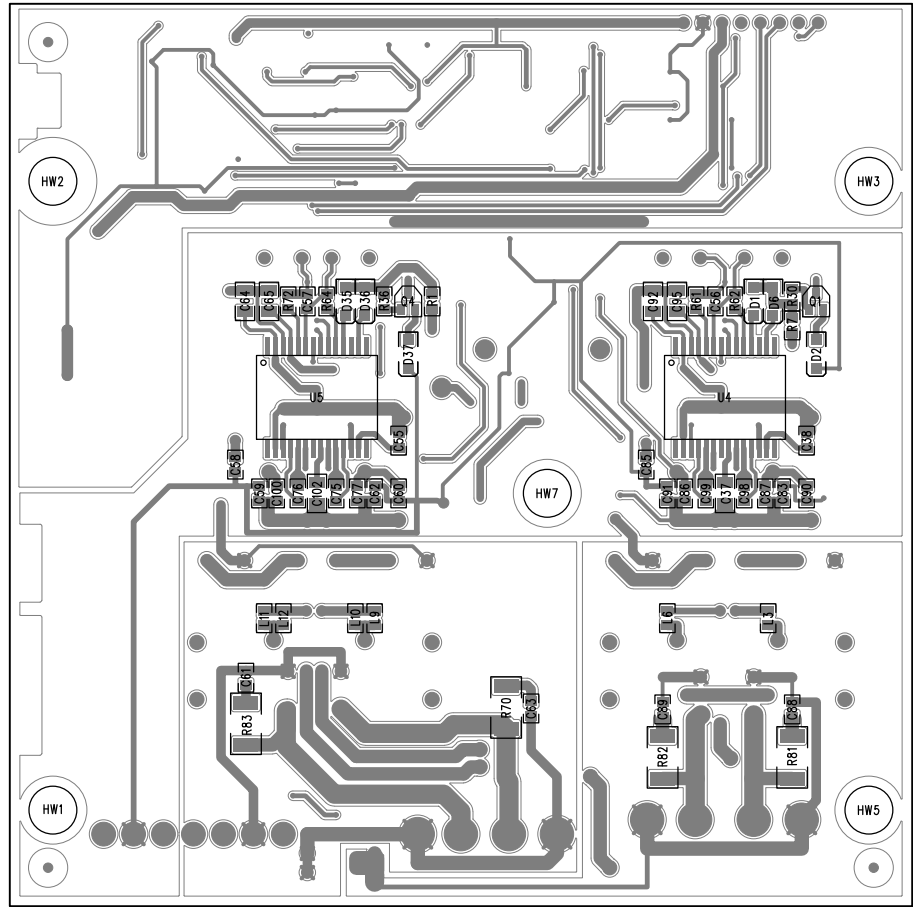


32101940_PVXP_AMPLIFIER

Sheet Title: D Sheet 1 of 1 Date: 5-31-2012_7.50



PVXp Power Amp - Primary Side View



PVXp Power Amp - Secondary Side View

BILL OF MATERIAL REPORT

REPORT DATE/TIME: 6/1/2012 2:30:12 PM

BOARD NAME: PVXp Power Amp ASSEMBLY LEVEL NUMBER: 32201152

PROJECT NUMBER: P1000099 DESIGNER: FJE - 32101940

Qty.	Part #	Description	Reference Designators

4	30200056	30.1K 1/4W 1% MF 1206	R2 R17 R49 R60
4	30200164	0.0 JUMPER SMT 0805	R61 R62 R64 R72
22	30200174	10K 1/10W 1% MF 0805	R1 R3 R4 R5 R6 R7 R9 R10 R11 R14 R15 R16 R18 R19 R20 R43 R46 R47 R50 R69 R75 R76
2	30200188	1.00K 1/10W 1% MF 0805	R23 R45
1	30200195	1.00M 1/10W 1% MF 0805	R52
4	30200238	22 1W 5% MF 2512	R70 R81 R82 R83
2	30200239	10 1W 1% MF 2512	R8 R13
2	30200288	100K 1/10W 5% MF 0603	R25 R32
4	30200331	49.9K 1/10W 1% MF 0805	R30 R36 R44 R48
4	30200348	10 1/4W 1% MF 1206	R66 R67 R79 R80
4	30200358	10 1/2W 1% MF 2010	R34 R38 R41 R58
1	30200359	0.0 1/2W 1% MF 2010	R86
8	30200373	200 1/10W 1% MF 0805	R22 R27 R29 R39 R40 R56 R71 R73
1	30200393	56.2K 1/10W 1% MF 0805	R51
3	30200408	2.87K 1/10W 1% MF 0805	R54 R57 R74
2	30200415	4.75K 1W 1% MF 2512	R33 R37
1	30200441	2.21K 1/10W .1% MF 0805	R35

5	30200458	5.49K	1/10W	1%	MF	0805	R63 R65 R77 R78 R90
3	30200494	12.4K	1/10W	1%	MF	0805	R12 R26 R42
1	30200520	2K		1W	1%	MF 2512	R28
1	30200534	499K	1/10W	1%		0805	R89
4	30300069	0.22UF	50V	10%	X7R	1206	C64 C65 C92 C95
2	30300079	47UF	35V	20%	EL	SMT6	C3 C16
3	30300080	10UF	16V	20%	EL	SMT4	C18 C113 C114
1	30300088	100PF	50V	5%	NPO	0805	C39
12	30300089	220PF	50V	5%	NPO	0805	C38 C42 C43 C49 C50 C51 C52 C53 C54 C55 C56 C57
24	30300093	0.1UF	50V	10%	X7R	0805	C4 C5 C7 C8 C15 C23 C25 C58 C59 C60 C61 C62 C63 C80 C81 C83 C85 C88 C89 C90 C91 C101 C103 C115
1	30300138	33PF	50V	5%	NPO	0603	C96
2	30300146	0.47UF	50V	+80,20%	Y5V	1206	C37 C102
4	30300154	0.015UF	50V	10%	X7R	0805	C75 C76 C98 C99
2	30300185	150PF	200V	5%	NPO	0805	C6 C14
4	30300249	0.1UF	100V	20%	X7R	0805	C77 C86 C87 C100
4	30320323	330UF	63V	20%	ELS	RADH	C1 C2 C9 C36
2	30320704	47UF	100V	20%	ELS	RAD	C48 C97
8	30330159	0.47UF	63V	5%	PES	RAD	C12 C19 C20 C21 C22 C24 C26 C33
1	30418051	MMBTA13LTI	NPN	DARL.	SMT		Q3
1	30418110	LM339	QUAD	COMPARATOR	SMT		U3
3	30418135	2N3904	NPN	SOT23			Q1 Q4 Q5
1	30418157	74HC4060	BINARY	CNTR	SMT		U1

2	30418213	GRN LED 2MMX3MM SMT	D8 D50
1	30418231	NJM13700 DUAL OTA SMT	U2
4	30418261	1N4003 - SMT - SMA PKG	D23 D24 D25 D26
1	30418274	LM393M DUAL COMPARATOR	U6
19	30418328	1N4148W SWITCHING DIODE	D1 D2 D3 D4 D5 D6 D7 D9 D10 D11 D12 D13 D14 D15 D16 D34 D35 D36 D37
4	30418374	MURS120T3 - SMT - SMB PKG	D30 D31 D32 D33
1	30418506	4565 DUAL OPAMP SOIC8W	U9
1	30418546	5.6V ZENER (SOD123)-SMT	D27
2	30418904	TDA8954 CLASS D POWER AMP	U4 U5
4	30504103	22UH, 5A INDUCTOR	L1 L2 L7 L8
6	30519982	FERRITE BEAD 3A SMT	L3 L6 L9 L10 L11 L12
1	30600072	8C 2.5MM STRP SPOX 4"	P10
2	30600136	0 OHM 22GA JMPR AXL	R21 R24
1	30800045	CRYSTAL 12MHZ SMT	Y1
1	30900788	STND .125 T4-40,SW,AL,ST	HW7
4	30901836	STND .125 #4 HW,SW,AL,KN	HW1 HW2 HW3 HW5
1	33719115	7 HDR H .156" TIN LK VERT	P20
8	CABL13817	16GA W/CRIMP TERM 73713817	P2 P3 P8 P9 P12 P13 P14 P15
3	CABL13818	26GA W/CRIMP TERM 73713818	P1 P4 P5

 END OF BILL OF MATERIAL REPORT
