







32210243. BOM

BILL OF MATERIAL REPORT

REPORT DATE/TIME: 12/14/2017 4: 48: 31 PM

BOARD NAME: PV 1000 Bass Power Module ASSEMBLY LEVEL NUMBER: 32210243

PROJECT NUMBER: P1200024 DESIGNER: FJE - 32102349

Qty.	Part #	Description	Reference Designators
3	30200010	0.0 1/4W 5% MF 1206	R81 R117 R230
1	30200017	270 1/4W 5% MF 1206	R120
4	30200032	47K 1/4W 5% MF 1206	R174 R175 R176 R177
8	30200044	220K 1/4W 5% MF 1206	R208 R209 R210 R211 R212 R213 R214 R215
4	30200054	820 1/4W 5% MF 1206	R152 R153 R154 R155
2	30200056	30.1K 1/4W 1% MF 1206	R25 R26
2	30200060	100 1/4W 1% MF 1206	R51 R54
2	30200062	1.3K 1/4W 5% MF 1206	R161 R162
1	30200088	732 1/4W 1% MF 1206	R94
4	30200128	1.50K 1/4W 1% MF 1206	R15 R16 R79 R80
6	30200173	4.99K 1/10W 1% MF 0805	R121 R191 R192 R193 R194 R195
5	30200174	10K 1/10W 1% MF 0805	R3 R31 R38 R39 R41
1	30200175	1.1K 1/10W 1% MF 0805	R101
3	30200181	100 1/10W 1% MF 0805	R4 R140 R170
1	30200187	732 1/10W 1% MF 0805	R164
5	30200188	1.00K 1/10W 1% MF 0805	R78 R182 R184 R185 R187
1	30200190	1.50K 1/10W 1% MF 0805	R55
2	30200194	100K 1/10W 1% MF 0805	R21 R89
1	30200195	1.00M 1/10W 1% MF 0805	R37
2	30200196	10 1/10W 1% MF 0805	R56 R57
3	30200202	3.32K 1/10W 1% MF 0805	R35 R148 R149

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2	30200203	2. 49K	1/10W 1% MF 0805	R218 R219
4	30200204	2. 00K	1/10W 1% MF 0805	R5 R6 R9 R10
1	30200209	9. 09K	1/10W 1% MF 0805	R88
1	30200210	154K	1/10W 1% MF 0805	R106
1	30200211	210K	1/10W 1% MF 0805	R104
2	30200218	750	1/4W 1% MF 1206	R171 R172
2	30200220	221	1/4W 1% MF 1206	R22 R70
4	30200235	62K	1/2W 5% MF 2010	R44 R45 R46 R47
6	30200239	10	1W 1% MF 2512	R64 R65 R66 R67 R68 R69
4	30200241	4. 70	1/10W 1% MF 0805	R58 R59 R62 R63
2	30200250	3. 48K	1/10W 1% MF 0805	R28 R29
6	30200251	4. 75K	1/10W 1% MF 0805	R24 R77 R97 R98 R118 R888
1	30200260	118K	1/10W 1% MF 0805	R113
2	30200267	2. 21K	1/10W 1% MF 0805	R36 R158
2	30200286	10	1/10W 1% MF 0603	R143 R159
2	30200287	100	1/10W 1% MF 0603	R167 R168
1	30200288	100K	1/10W 5% MF 0603	R42
20	30200289	10K	1/10W 1% MF 0603	R32 R33 R52 R53 R107 R108 R109 R110 R112 R122 R124 R131 R132 R133 R134 R135 R136 R137 R138 R139
2	30200293	162K	1/10W 1% MF 0603	R196 R198
2	30200335	68. 1K	1/10W 1% MF 0805	R71 R72
2	30200337	82. 5K	1/10W 1% MF 0805	R74 R75
2	30200340	150	1/4W 1% MF 1206	R102 R103
1	30200348	10	1/4W 1% MF 1206	R169
1	30200351	49. 9	1/10W 1% MF 0603	R165
2	30200371	49. 9K	1/4W 1% MF 1206	R226 R227
2	30200373	200	1/10W 1% MF 0805	R150 R151

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2	30200374	4. 32K	1/10W	1% MF 0805	R7 R8
3	30200376	12. 1K	1/10W	1% MF 0805	R48 R49 R85
2	30200392	4. 42K	1/10W	1% MF 0805	R18 R19
1	30200405	0. 05	1W	5% MF 2512	R96
2	30200418	1	1W	1% MF 2512	R105 R111
1	30200423	3. 65K	1/10W	1% MF 0805	R163
2	30200458	5. 49K	1/10W	1% MF 0805	R27 R30
1	30200461	61. 9K	1/10W	1% MF 0603	R95
2	30200471	4. 75K	1/10W	1% MF 0603	R82 R84
2	30200475	100K	1/10W	1% MF 0603	R90 R224
4	30200491	681	1/10W	1% 0805	R144 R145 R146 R147
1	30200494	12. 4K	1/10W	1% MF 0805	R87
2	30200496	100	1W	5% MF 2512	R160 R166
2	30200508	499K	1/4W	1% MF 1206	R11 R12
9	30200525	221	1W	1% MF 2512	R60 R61 R91 R93 R114 R115 R116 R141 R142
2	30200529	2. 21	1/4W	51 MF 1206	R156 R157
2	30200545	5. 62K	1/10W	1% 0805	R17 R20
3	30200591	49. 9K	1/10W	1% MF 0603	R197 R199 R201
1	30200626	11. 3K	1/10W	1% MF 0603	R83
2	30200627	475K	1/10W	1% MF 0603	R34 R43
1	30200640	100K	NTC	THERMI STOR	R23
1	30240210	5	0HM	12A INRUSH LIMITER	R206
1	30250221	MOV	275V,	V275LA10	MOV1
1	30300079	47UF	35V	20% EL SMT6	C55
1	30300080	10UF	16V	20% EL SMT4	C84
2	30300088	100PF	50V	5% NPO 0805	C92 C93
1	30300094	1UF	10V	10% X7R 0805	C60
2	30300099	22UF	50V	20% EL SMT6	C150 C151
2	30300103	120PF	500V	5% NPO 1206	C145 C154
10	30300108	10UF	35V	+80, 20% Y5V 1210	C73 C74 C122 C123 C124 C125 C126 C127

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						C128 C129	
1	30300112	680PF	200V	5%	NPO	1206	C75
4	30300121	0.1UF	50V	5%	X7R	0805	C20 C57 C58 C156
40	30300128	0.1UF	50V	+80/-20%	Y5V	0603	C4 C5 C6 C7 C10 C11 C12 C13 C14 C15 C16 C17 C18 C21 C23 C24 C25 C26 C27 C29 C30 C31 C32 C35 C38 C39 C51 C52 C53 C54 C59 C99 C100 C102 C103 C104 C105 C121 C143 C149
1	30300130	1UF	25V	+80/-20%	Y5V	1206	C98
1	30300133	100PF	50V	5%	NPO	0603	C85
2	30300141	390PF	50V	5%	NPO	0603	C115 C118
1	30300160	1000PF	50V	5%	NPO	0603	C91
1	30300164	47PF	50V	5%	NPO	0805	C19
1	30300170	330PF	100V	5%	NPO	0805	C1
1	30300174	1000PF	100V	5%	NPO	0805	C146
2	30300204	0.1UF	250V	10%	X7R	1210	C101 C132
2	30300211	27PF	200V	5%	NPO	0805	C89 C90
1	30300219	5600PF	100V	5%	X7R	0805	C28
1	30300226	10UF	35V	20%	EL	SMT4	C133
2	30300233	820PF	50V	5%	NPO	0603	C106 C107
1	30300234	1800PF	50V	5%	NPO	0805	C86
1	30300237	22UF	16V	20%	EL	SMT4	C34
1	30300240	47PF	100V	5%	NPO	0805	C155
8	30300249	0.1UF	100V	20%	X7R	0805	C135 C136 C137 C138 C165 C166 C167 C168
2	30300250	1UF	250V	10%	X7R	2220	C147 C148
2	30300256	47PF	50V	5%	NPO	0603	C113 C114
4	30300259	22UF	25V	+80, 20%	Y5V	1210	C94 C95 C96 C97
2	30300265	100PF	500V	COG	2%	1210	C44 C45
6	30300266	1000PF	50V	COG	1%	0805	C78 C79 C80 C81

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			C82 C83
1	30300271	330NF 50V 10% X7R 0805	C37
9	30300273	270PF 500V 5% NPO 1206	C61 C62 C63 C64 C65 C66 C108 C152 C153
6	30300319	330UF 25V 20% EL LOZ SMT8	C33 C36 C76 C77 C87 C88
1	30300324	10UF 6.3V 10% X5R 0603	C72
5	30300332	1000PF 2KV 10% X7R 1206	C43 C134 C140 C141 C142
1	30300333	100UF 200V 20% EL RADH	C144
8	30300336	220PF 200V NPO 5% 0805	C157 C158 C159 C160 C161 C162 C163 C164
2	30300345	470NF 100V 10% X7R 2220	C2 C3
1	30300346	10PF 1000V 5% NPO 1206	C22
2	30320271	0.47UF 275V 20% "X" RADH	C130 C131
2	30320322	2200PF 250V 20% "Y" RADH	C69 C70
2	30320386	6800UF 80V 20% EL SNPH4	C46 C47
2	30320552	1800UF 200V 20% EL SNPHT3	C119 C120
1	30320586	1000PF 250V 20% "Y2" RADH	C71
4	30320624	100UF 100V 20% EL RAD	C109 C110 C111 C112
4	30320678	470UF 35V 20% EL LO-ESR RAD	C48 C49 C50 C139
2	30320717	0.068UF 630V 10% HIGH CURRENT	C67 C68
1	30400118	BR RECT 50A	U1
1	30400173	CNY17-3F BASELESS OPTO	Q40
1	30409237	PIC BASS AMP FAN PV1000 SOIC14	U900
1	30416599	L6599AD HV RESONANT CONTROLLER	U2
13	30418026	1N4148 (LL34) DIODE SMT	D33 D34 D49 D50 D51 D53 D54 D56 D57 D58 D59 D60 D61
1	30418137	2N5551 NPN SOT23	Q7
1	30418166	ZR431F ADJ SHUNT REG SMT	U505
1	30418231	NJM13700 DUAL OTA SMT	U300

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1	30418261	1N4003 - SMT - SMA PKG	D13
1	30418270	18V 3W ZENER SMB	D65
4	30418271	6. 2V ZENER (SOD123)-SMT	D2 D3 D4 D5
1	30418272	1A 600V FAST RECOVERY RECT	D32
5	30418369	2N7002E N CH 60V MOSFET	Q9 Q32 Q33 Q36 Q37
13	30418374	MURS120T3 - SMT - SMB PKG	D10 D16 D17 D21 D22 D23 D24 D27 D28 D45 D46 D47 D48
4	30418389	5. 1V ZENER (SOD123)-SMT	D18 D36 D611 D612
2	30418504	15V 1.5W ZENER SMA	D35 D66
1	30418649	LM339 QUAD COMPARATOR TSSOP	U301
2	30418651	98-0497 HI /LO SIDE DRIVER	U102 U202
2	30418655	BAV99L DUAL 4148 DIODE SO	D7 D8
1	30418704	MURB1620CT DUAL RECTIFIER	D1
1	30418705	MURB1620CTR DUAL RECTIFIER	D31
1	30418706	LM317S ADJ POS REGULATOR	U4
4	30418745	IRFS4227 N-CH FET D2PAK	Q10 Q11 Q20 Q21
2	30418773	ZXTP25100BFH PNP 100V 2A SOT23	Q1 Q2
2	30418774	ZXTN25100BFH NPN 100V 3A SOT23	Q5 Q6
5	30418836	NJM4580 DUAL OPAMP SSOP8	U100 U101 U201 U303 U504
1	30418843	LM 3481 LOW-SIDE N-CH SW-REG	U3
1	30418902	IRFR3710Z MOSFET N-CHAN DPAK	Q8
4	30418921	ES1D FAST RECT 200V 1A SMA	D11 D12 D29 D30
2	30418928	SCHOTTKY 30V 2A SMA	D40 D41
2	30418993	IPB65R110CFD N MOS D2PACK	Q3 Q4
4	30419246	DIODE 3A 400V FAST RECOVERY SMB	D19 D20 D25 D26
2	30419257	LNK302 OFF-LINE SWITCHER SMT	U501 U509
2	30419345	ES1G SUPR-FAST RECT400V 1A SMA	D14 D15
2	30500153	FERRITE 2.0A 300 OHM 0805 SMD	L26 L36

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2	30500891	18. 5UH 13A INDUCTOR	L28 L29
2	30500918	680UH IND 0. 5A SHD SMT	L1 L2
23	30500935	FERRITE CHIP SMT 6000HM 1. 3A	L3 L4 L6 L7 L8 L9 L10 L11 L12 L13 L15 L17 L20 L21 L24 L30 L31 L32 L33 L34 L35 L37 L38
1	30501683	DC-DC 30V TO +-15V HF XRMR	T2
2	30504440	9. 35MHCOMMON-MODE CHOKE	L25 L39
1	30507974	20UH RESONANT IND 15A	L27
1	30507975	PVMI 1000 LO RAIL RES H-BRDG	T1
1	30519979	15 UH, 1. 2A INDUCTOR SMT	L5
2	30519994	47UH IND 1. 7A SHIELDED SMT	L22 L23
4	30908017	HEATSINK T0263 SMT TALL	HW1 HW2 HW3 HW4
6	33716194	SPADE . 250 PC MNT . 093	P4 P5 P6 P7 P9 P10
1	33717352	5 HDR V SR 0. 100" TIN	P3
1	33717362	16 HDR V DR 2MM GOLD	P1
1	33719107	2 HDR V SR . 156" TIN LK	P2

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