

1	9/16/02	CHG'D VALUE	N00973	REM		
0	5/20/02	CONTROL ISSUE				
Rev.	Date	DESC.	ECR(s)/ECN(s)	Chgd by	Appvd by	DATE
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO						
ST. LOUIS MUSIC, INC.						
			SLM Electronics			
			11880 Borman Drive, St. Louis, MO 63146			
Signatures:		Date:				
Drawn: REM		5/20/02				
Checked:			First Used On:	BV300Ha		
Released:						
Tolerance:	Drawing Size:	A	Drawing Title:	PWA - POWER AMP		
	Drawing Type:	PL				
	Class Code:		Drawing No.:	07-110-PL		
	Scale:	N/A				

**PARTS LIST**

ASSEMBLY PART # 07-110-01

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1	06A110-01	1	BV300 PWR AMP		
C6	10-104-10	2	.1uF 400V [10per TOL] WIMA MTLPOLY	0.1	
C8					
C9	10-104-21	1	.1uF 250V [10per TOL]		
C10	10-473-10	2	.047 uF 400V [10per TOL] WIMA MTLPOLY	0.047	
C11					
C28	10A473-11	1	.047 uF 100V 10per X7R		
C29	10R473-03	1	.047 uF 100V 10per RAD POLY		
C7	10R500-02	1	50 pF 500V 10per S3N DISK RADIAL TAPED	50 pF	
C20	12-107-30	3	100 uF 450V 20per EL	100	
C21					
C22					
C23	12-107-62	1	100 uF 250V 20per EL		
C32	12-108-32	2	1000 uF 35V 20per EL	1000	
C33					
C15	12-227-91	2	220 uF 350V 20per EL	220	
C16					
C17	12-476-42	2	47 uF 450V 20per EL	47	
C18					
C30	12R225-51	2	2.2 uF 50V 20per EL NP	2.2	
C31					
C26	12R227-12	4	220 uF 16V 20per EL	220	
C27					
C34					
C35					
C24	12R227-32	2	220 uF 35V 20per EL		
C25					
J10	17-105-02	3	.1 ST POL LOCK MTSS100-2 HEADER	0	
J18				FAN 1	
J21				FAN 2	
J20	17-309-02	1	.156 ST POL MPSS156-2-D HEADER		
J19	17-309-05	1	.156 ST POL MPSS156-5-D HEADER		
J28	17-309-10	1	.156 ST POL MPSS156-10-D HEADER		
J1	17-450-08	6	8 PIN TUBE SOCKET W/LONG LEADS	8-PIN	
J2					
J3					
J4					
J5					
J6					
J7	17-451-09	3	9 PIN TOP PC MNT TUBE SOCKET	9-PIN	
J8					
J9					
J24	17-582-01	6	VERT PC MNT BAYONET SOCKET	LAMP HOLDER	
J25					
J26					
J27					
J29					
J30					

**PARTS LIST**

ASSEMBLY PART # 07-110-01

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
J12	17-836-01	11	.250 PC TAB STBL LOC 6021-6		
J13					
J14					
J15					
J16					
J17					
J22					
J23					
J31					
J32					
J11					
D55	21A370-01	2	200V PIV 100mA/1V .25W	1N3070TR	
D56					
D4	21A407-01	27	1KV PIV 1A .5W	1N4007TR	
D5					
D6					
D7					
D8					
D9					
D10					
D11					
D12					
D13					
D14					
D15					
D16					
D17					
D18					
D19					
D20					
D21					
D22					
D23					
D24					
D25					
D26					
D29					
D30					
D31					
D32					
D27	21A444-01	2	15V 1W ZENER 14 ohm Zz	1N4744ARL	
D28					
D1	21A914-01	1	75V PIV 10mA/1V .5W	1N914	
IC1	37-072-01	1	TLO-72CP DUAL OP-AMP	TLO-72	
J33	39-116-01	2	T/S JACK HORIZ	T/S	SEND
J34					RETURN
SD1	47-980-01	6	1IN SOLDER MASK DISC		
SD2					
SD3					

**PARTS LIST**

ASSEMBLY PART # 07-110-01

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
SD4					
SD5					
SD6					
SD7	47-980-05	6	1/2 IN SOLDER MASK DISC		
SD8					
SD9					
SD10					
SD11					
SD12					
J35	51-149-01	1	PC MOUNT GROUND BRACK	MOUNTING BRKT	
OC1	66-101-01	3	VTL-5C3 VACTROL	VTL-5C3	
OC2					
OC3					
P3	70-132-01	2	10K LINEAR 30per@50per (10per TOL)	10K L	
P4					
P1	70-503-20	2	50K LINEAR SLOTTED [10per TOL]	50K L	BIAS 1
P2					BIAS 2
CB1	73-103-01	2	.65A POLYSWITCH RXE 065 RAYCHEM	.65A	
CB2					
JW1	76-000-05	5	22 GA TINNED COPPER	0	
JW2					
JW3					
JW4					
JW5					
R13	76-102-01	3	1K OHM .25W 5per RESISTOR	1K	
R14					
R40					
R41	76-103-01	1	10K OHM .25W 5per RESISTOR	10K	
R44	76-104-01	3	100K OHM .25W 5per RESISTOR	100K	
R45					
R47					
R16	76-105-01	1	1M OHM .25W 5per RESISTOR	1M	
R24	76-124-01	2	120K OHM .25W 5per RESISTOR	120K	
R33					
R22	76-154-01	4	150K OHM .25W 5per RESISTOR	150K	
R23					
R30					
R31					
R20	76-182-01	2	1.8K OHM .25W 5per RESISTOR	1.8K	
R28					
R42	76-223-01	2	22K OHM .25W 5per RESISTOR	22K	
R43					
R39	76-471-01	3	470 OHM .25W 5per RESISTOR	470	
R64					
R65					
R1	76-473-01	6	47K OHM .25W 5per RESISTOR	47K	
R3					
R5					
R9					
R10					

**PARTS LIST**

ASSEMBLY PART # 07-110-01

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
R36					
R8	76-474-01	3	470K OHM .25W 5per RESISTOR	470K	
R19					
R27					
R25	76-683-01	2	68K OHM .25W 5per RESISTOR	68K	
R32					
R17	76-821-01	2	820 OHM .25W 5per RESISTOR	820	
R46					
R12	77-104-02	1	100K OHM .5W 1per RESISTOR	100K	
R2	78A101-21	6	100 OMH 2W 5per MINI RESISITOR	100	
R4					
R6					
R7					
R11					
R35					
R15	77-473-01	2	47K OHM .5W 5per RESISTOR	47K	
R18					
R37	78-010-01	2	1 OHM 5W 5per W/FEET	1	
R38					
R52	78-154-02	2	150K 2W 5per MOX OR CF BULK	150K	
R53					
R60	78-300-05	2	30 OHM 5W 5per	30	
R61					
R62	78-047-05	2	47 OHM 5W 5PER	47	
R63					
R21	78-473-01	5	47K OHM 1W 5per	47K	
R26					
R29					
R34					
R58					
R54	78-473-05	1	47K 5W 5per WIREWND SILICON COATED		
R59	78-202-01	1	2K OHM 2W 5per RESISTOR	2K	
R56	78A224-11	2	220K 1W 5per MOX OR CF T&R	220K	
R57					
SW1	88-302-03	1	MINI PCB DPDT W/1D911 BLACK		SERIES/ PAR
L1	94A001-01	6	FERRITE BEAD TAPE&REEL	FERRITE	
L2					
L3					
L4					
L5					
L6					
Q1	96R013-01	1	MPSA13 NPN 30V 1.5W .5A DARLINGTON	MPS-A13	
HW1-12	30-637-01	12	6-32 X3/8" PHILLIP HD SCREW	MOUNTS FROM BTM	
HW13-24	85-133-01	12	15/16" X 6-32 THD SPACER		
HW25-36	30-653-53	12	6-32 PPH MS SEMS SCREW	MOUNTS FROM TOP	