

0	6/30/03	CONTROL ISSUE				
B	5/21/03	CHG'D TAB QTY	ROO999	REM		
A	5/2/03	INITIAL 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		5/2/03				
Checked:			First Used On:	BV150Ha		
Released:						
Tolerance:	Drawing Size:	A	Drawing Title:	PWA - TUBE POWER AMP		
	Drawing Type:	PL				
	Class Code:		Drawing No.:	07-661-PL		
	Scale:	N/A				

ASSEMBLY PART #

07-661-01

REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1	06A661-01	1	BV150H		
C7	10-104-10	1	.1uF 400V [10per TOL] WIMA MTLPOLY		
C6	10-223-10	3	.022 uF 400V [10per TOL] WIMA MTLPOLY		
C8					
C10					
C13	10-332-01	2	.0033 uF [20per TOL] UL/VDE DISK		
C14					
C28	10A473-11	1	.047 uF 100V 10per X7R		
C29	10R473-03	1	.047 uF 100V 10per RAD POLY		
C64	12-109-25	2	10,000 uF 25V 20per EL		
C65					
C15	12-227-91	2	220 uF 350V 20per EL		
C16					
C17	12-476-42	3	47 uF 450V 20per EL		
C18					
C19					
C23	12R106-10	2	10 uF 100V 20per EL		
C32					
C30	12R225-51	2	2.2 uF 50V 20per EL NP		
C31					
C26	12R227-12	4	220 uF 16V 20per EL		
C27					
C34					
C35					
C24	12R227-32	2	220 uF 35V 20per EL		
C25					
J10	17-105-02	1	.1 ST POL LOCK MTSS100-2 HEADER		
J20	17-309-02	1	.156 ST POL MPSS156-2-D HEADER		
J28	17-309-10	1	.156 ST POL MPSS156-10-D HEADER		
J39	17-310-03	1	.156 ST POL MFSS156-3-D HEADER		
J1	17-450-08	6	8 PIN TUBE SOCKET W/LONG LEADS		
J2					
J3					
J4					
J5					
J6					
J7	17-451-09	1	9 PIN TOP PC MNT TUBE SOCKET		
J8	17-836-01	24	.250 PC TAB STBL LOC 6021-6		
J9					
J11					
J12					
J13					
J14					
J15					
J16					
J17					
J21					
J22					
J23					

ASSEMBLY PART #

07-661-01

REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
J24					
J25					
J26					
J27					
J29					
J30					
J31					
J32					
J36					
J37					
J38					
J40					
D1	21A914-01	1	75V PIV 10mA/1V .5W		
D2	21-541-01	2	1N5401 DIODE/MOTOROLA 3 AMP		
D3					
D27	21-553-01	2	1N5353B 16V ZEN DIODE		
D28					
D4	21A407-01	22	1KV PIV 1A .5W		
D5					
D6					
D7					
D8					
D9					
D10					
D11					
D12					
D13					
D18					
D19					
D20					
D21					
D22					
D23					
D24					
D25					
D29					
D30					
D31					
D32					
HW1	30-637-01	12	6-32 X 3/8 PHIL FLT HD		
HW2					
HW3					
HW4					
HW5					
HW6					
HW7					
HW8					
HW9					

ASSEMBLY PART # 07-661-01

REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
HW10					
HW11					
HW12					
HW25	30-638-53	12	6-32X3/8 PPH MS SEMS		
HW26					
HW27					
HW28					
HW29					
HW30					
HW31					
HW32					
HW33					
HW34					
HW35					
HW36					
IC1	37-072-01	1	TLO-72CP DUAL OP-AMP		
J33	39-116-01	2	T/S JACK HORIZ	SEND	
J34				RETURN	
SD1	47-980-01	6	1IN SOLDER MASK DISC		
SD2					
SD3					
SD4					
SD5					
SD6					
J35	51-149-01	1	PC MOUNT GROUND BRACK		
OC1	66-101-01	3	VTL-5C3 VACTROL		
OC2					
OC3					
P3	70-132-01	2	10K LINEAR 30per@50per (10per TOL)		
P4					
AP1	71-253-25	1	25K OHM TRIMPOT HORZ.		
AP2	71-253-50	1	25K OHM TRIMPOT VERTICAL		
CB1	73-103-01	2	.65 A POLYSWITCH RXE 065 RAYCHEM		
CB2					
JW1	76-000-05	4	22 GA TINNED COPPER		
JW2					
JW3					
JW4					
R40	76-102-01	1	1K OHM .25W 5per RESISTOR		
R41	76-103-01	1	10K OHM .25W 5per RESISTOR		
R8	76-104-01	3	100K OHM .25W 5per RESISTOR		
R44					
R45					
R47	76-105-01	1	1M OHM .25W 5per RESISTOR		
R42	76-223-01	2	22K OHM .25W 5per RESISTOR		
R43					
R39	76-471-01	3	470 OHM .25W 5per RESISTOR		
R64					
R65					
R1	76-472-01	6	4.7K OHM .25W 5per RESISTOR		

**PARTS LIST**

ASSEMBLY PART #

07-661-01

REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
R3					
R5					
R9					
R10					
R36					
R46	76-821-01	1	820 OHM .25W 5per RESISTOR		
R17	77-105-02	2	1M OHM .5W 1per RESISTOR		
R20					
R12	77-154-02	1	150K OHM .5W 1per RESISTOR		
R13	77-223-02	3	22.1K OHM .5W 1per RESISTOR		
R21					
R22					
R15	77-224-02	5	221K OHM .5W 1per RESISTOR		
R16					
R18					
R23					
R24					
R58	77-334-01	1	332K OHM .5W 1per RESISTOR		
R19	77-471-02	1	475 OHM .5W 1per RESISTOR		
R14	77-472-02	1	4.75K OHM .5W 1per RESISTOR		
R54	78-101-05	1	100 OHM 5W 5per MINI MOX		
R2	78-102-05	6	1K 5W 10per W/FEET		
R4					
R6					
R7					
R11					
R35					
R52	78-154-02	2	150K 2W 5per MOX OR CF BULK		
R53					
R60	78-300-05	2	30 OHM 5W 5per		
R61					
R56	78A224-11	2	220K 1W 5per MOX OR CF T&R		
R57					
R55	78A472-21	1	4.7K 2W 5per METAL FILM T&R		
HW13	85-133-01	12	15/16 X 6-32 HEX SPACER		
HW14					
HW15					
HW16					
HW17					
HW18					
HW19					
HW20					
HW21					
HW22					
HW23					
HW24					
SW1	88-302-03	1	MINI PCB DPDT W/1D911 BLACK	SERIES/ PAR	
L1	94A001-01	6	FERRITE BEAD TAPE&REEL		
L2					

ASSEMBLY PART # 07-661-01

REVISION 0

ITEM	P/N	QTY	DESC	VALUE	LABEL
L3					
L4					
L5					
L6					
Q1	96R013-01	1	MPSA13 NPN 30V 1.5W .5A DARLINGTON		