

0	2/14/02	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		2/14/02				
Checked:			First Used On:			
Released:			TXB50Ea			
Tolerance:	Drawing Size:	A	Drawing Title:		PWA - BASS AMPLIFIER	
	Drawing Type:	PL	Drawing No.:		07-282-PL	
	Class Code:					
	Scale:	N/A				

ASSEMBLY PART #

07-282-01

REVISION A

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1	06A282-01	1	TXBE50a	PC BOARD	
C7	10A102-11	2	.001 uF 100V 10per X7R	0.001	
C30					
C29	10A103-11	2	.01 uF 100V 10per X7R	0.01	
C40					
C1	10A104-01	5	.1 uF 50V 10per X7R	0.1	
C15					
C23					
C26					
C51					
C17	10A221-11	2	220 pF 100V 10per NPO	220 pF	
C25					
C33	10A222-11	1	.0022uF 100V 10per NPO	0.0022	
C35	10A224-01	1	.22 uF 50V 10per X7R	0.22	
C20	10A333-01	1	.033 uF 50V 10per X7R	0.033	
C4	10A471-21	1	470 pF 200V 10per NPO	470 pF	
C11	10A472-11	2	.0047 uF 100V 10per X7R	0.0047	
C28					
C5	10A473-11	1	.047 uF 100V 10per X7R	0.047	
C21	10A474-01	1	.47 uF 50V 20per X7R	0.47	
C2	10A560-21	2	56 pF 200V 5per NPO	56 pF	
C8					
C24	10A682-01	1	.0068 uF 100V 10per X7R	0.0068	
C36	10R104-03	4	.1 uF 100V 10per RAD POLY	0.1	
C37					
C42					
C50					
C48	12-478-25	1	4700 uF 25V 20per EL	4700	
C39	12-688-16	3	6800 uF 16V 20per EL	6800	
C41					
C45					
C10	12R105-50	3	1 uF 50V 20per EL	1	
C12					
C31					
C14	12R105-51	5	1 uF 50V 20per EL NP		
C18					
C27					
C34					
C44					
C6	12R106-10	1	10 uF 100V 20per EL	10	
C43	12R106-35	3	10 uF 35V 20per EL		
C46					
C49					
C9	12R106-36	5	10 uF 35V 20per EL NP		
C13					
C19					
C22					
C32					
C47	12R107-32	1	100 uF 35V 20per EL	100	

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ITEM	P/N	QTY	DESC	VALUE	LABEL
C3	12R225-50	1	2.2 uF 50V 20per EL	2.2	
C16	12R476-35	2	47 uF 35V 20per EL	47	
C38					
J21	17-105-02	1	.1 ST POL LOCK MTSS100-2 HEADER		
J2	17-105-06	1	.1 ST POL LOCK MTSS100-6 HEADER		
J3	17-309-02	2	.156 ST POL MPSS156-2-D HEADER		
J13					
J10	17-311-02	3	.156 R/A MFAS156-2-D HEADER		
J11					
J12					
D20	21-224-01	1	RED LED RIGHT ANGLE	RED	
D14	21-541-01	3	1N5401 DIODE/MOTOROLA 3 AMP	1N5401	
D15					
D17					
D32	21-592-01	1	YELLOW/ORANGE BI-COLOR LED	YEL/ORG	
D12	21A437-01	1	7.5V 1W ZENER 4 ohm Zz	1N4737ATR	
D18	21A440-01	1	10V 1W ZENER 7 ohm Zz	1N4740ARL	
D16	21A754-01	2	6.8V .5W ZENER 5 ohm Zz	1N754ARL	
D19					
D1	21A914-01	11	75V PIV 10mA/1V .5W	1N914	
D2					
D3					
D4					
D5					
D6					
D7					
D8					
D9					
D10					
D11					
F1	23A305-01	2	5A PICO II SBLOW FUSE	5A SB	
F2					
SCRW7	30-408-52	2	4-40 X 1/2 PPHEAD M/S	440	
SCRW8					
SCRW1	30-638-53	2	6-32X3/8 PPH MS SEMS	11841	
SCRW2					
SCRW5	30-639-53	2	6-32 X 9/16 PPH MS W/INT LW		
SCRW6					
SCRW3	30-700-01	2	6-32 HEX KEPNUT ASSY		
SCRW4					
HS1	33-047-01	1	TO-220 PC MNT HEATSINK 30W	0	
HS2	33-136-01	1	TXBXE50 HEATSINK		
IC1	37-072-01	2	TLO-72CP DUAL OP-AMP	TLO-72	
IC5					
IC2	37-074-01	1	TLO-74 QUAD OP-AMP	TLO-74	
IC4	37-162-01	1	DA-1562Q 70W CLASS H PWR AMP +12	TDA-1562	
IC3	37-458-01	1	RC 4558P DUAL OPAMP	4558P	
J6	39-117-01	2	TRS JACK HORIZ	TRS	
J8					
J1	39-117-51	1	T/R/S JACK W/GND WASHER	T/R/S	

INSERT
HEADPHONES
INPUT

ASSEMBLY PART #

07-282-01

REVISION A

ITEM	P/N	QTY	DESC	VALUE	LABEL
J7	39-121-05	1	DUAL RCA HORIZ MOUNT	DUAL RCA	CD INPUT
J5	39-202-01	2	MALE POWER JACK 2MM	DC POWER	{Lable}
J9					
J17	51-149-01	3	PC MOUNT GROUND BRACK	{Value}	0
J18					
J19					
OC2	66-100-01	1	VTL-5C7 VACTROL	VTL-5C7	
P1	70-132-01	2	10K LINEAR 30per@50per (10per TOL)	10K L	GAIN
P7					DSP LEVEL
P2	70-133-01	7	50K LINEAR 30per@50per (10per TOL)	50K L	CONTOUR
P3					LOW
P4					LOW MID
P5					HIGH MID
P6					HIGH
P8					LEVEL
P9					DSP MODE
JW1	76-000-05	16	22 GA TINNED COPPER	0	0
JW2					
JW3					
JW4					
JW5					
JW6					
JW7					
JW8					
JW9					
JW10					
JW11					
JW12					
JW13					
JW14					
JW15					
JW16					
R15	76-100-01	2	10 OHM .25W 5per RESISTOR	10	
R62					
R58	76-101-01	2	100 OHM .25W 5per RESISTOR	100	
R70					
R3	76-102-01	9	1K OHM .25W 5per RESISTOR	1K	
R5					
R14					
R18					
R32					
R38					
R69					
R71					
R72					
R8	76-103-01	7	10K OHM .25W 5per RESISTOR	10K	
R31					
R43					
R45					
R46					

ASSEMBLY PART #

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REVISION A

ITEM	P/N	QTY	DESC	VALUE	LABEL
R47					
R60					
R7	76-104-01	9	100K OHM .25W 5per RESISTOR	100K	
R12					
R24					
R51					
R53					
R55					
R56					
R63					
R64					
R1	76-105-01	1	1M OHM .25W 5per RESISTOR	1M	
R17	76-114-01	1	110K OHM .25W 5per RESISTOR	110K	
R25	76-124-01	1	120K OHM .25W 5per RESISTOR	120K	
R4	76-153-01	3	15K OHM .25W 5per RESISTOR	15K	
R11					
R21					
R20	76-183-01	2	18K OHM .25W 5per RESISTOR	18K	
R28					
R49	76-184-01	1	180K OHM .25W 5per RESISTOR	180K	
R29	76-220-01	1	22 OHM .25W 5per RESISTOR	22	
R13	76-221-01	1	220 OHM .25W 5per RESISTOR	220	
R6	76-222-01	4	2.2K OHM .25W 5per RESISTOR	2.2K	
R26					
R30					
R40					
R2	76-223-01	5	22K OHM .25W 5per RESISTOR	22K	
R16					
R27					
R50					
R52					
R10	76-224-01	1	220K OHM .25W 5per RESISTOR	220K	
R57	76-273-01	1	27K OHM .25W 5per RESISTOR	27K	
R22	76-471-01	6	470 OHM .25W 5per RESISTOR	470	
R23					
R33					
R34					
R41					
R59					
R9	76-472-01	5	4.7K OHM .25W 5per RESISTOR	4.7K	
R36					
R42					
R48					
R54					
R35	76-473-01	3	47K OHM .25W 5per RESISTOR	47K	
R37					
R44					
R19	76-561-01	3	560 OHM .25W 5per RESISTOR	560	
R65					
R66					

ASSEMBLY PART #

07-282-01

REVISION A

ITEM	P/N	QTY	DESC	VALUE	LABEL
R74	77-100-01	1	10 OHM .5W 5% RESISTOR	10	
R61	77-102-01	1	1K OHM .5W 5per RESISTOR	1K	
R68	78-030-10	1	3 OHM 10W 10per W/FEET	3	
R73	78-047-05	1	47 OHM 5W 10per W/FEET	47	
R67	78-181-10	1	180 OHM 10W 10per W/FEET	180	
R39	78A152-01	1	1.5K 1W 5per T&R	1.5K	
SPACER1	85-020-01	1	#6 HEX 2 HT SPACER"	-	
SW1	88-302-03	1	MINI PCB DPDT W/1D911 BLACK	DPDT DUAL	CONTOURSW
Q1	96-032-03	1	P32C PNP -100V 40W -3A (CONTINUOU	TIP-32C	
Q3	96R006-01	2	MPSA06 NPN 80V 1.5W .5A	MPS-A06	
Q4					
Q2	96R056-01	1	MPSA56 PNP -80V 1.5W -.5A	MPS-A56	
SCRW9	30-011-01	1	RIVSCREW-.130"THK		