

0	4/25/01	CONTROL ISSUE		REM		
A	1/29/01	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			1/29/01			
Checked:				First Used On:		
Released:					SM6MPa	
Tolerance:	Drawing Size:	A		Drawing Title:		
	Drawing Type:	PL			PWA - MIC PREAMP	
	Class Code:			Drawing No.:	07-658-PL	
	Scale:	N/A				

ASSEMBLY PART #

07-658-01

REVISION A

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1	06A658-01	1	SMPMPa MIC PRE		
C22	10A101-21	1	100 pF 200V 10per NPO	100 pF	
C23	10A103-11	1	.01 uF 100V 10per X7R	0.01	
C20	10A104-01	3	.1 uF 50V 10per X7R	0.1	
C27					
C28					
C11	10A221-11	1	220 pF 100V 10per NPO	220 pF	
C12	10F224-03	3	.22 uF 100V 10per RAD POLY FORMED	0.22	
C13					
C14					
C6	12-158-33	2	1500 uF 35V 20per EL	1500	
C7					
C9	12-477-01	1	470 uF 50V 20per EL	470	
C19	12R105-50	1	1 uF 50V 20per EL	1	
C21	12R107-32	1	100 uF 35V 20per EL	100	
C2	12R108-12	2	1000 uF 16V 20per EL	1000	
C4					
C15	12R226-16	7	22 uF 16V 20per EL	22	
C16					
C17					
C18					
C24					
C25					
C26					
C1	12R227-62	1	220 uF 63V 20per EL	220	
C10	12R477-10	1	470 uF 10V 20per EL	470	
C3	12R477-35	2	470 uF 35V 20per EL		
C8					
D9	21A146-01	2	3.3V .4W ZENER 28 ohm Zz	1N746ARL	
D10					
D2	21A402-01	8	100V PIV 1A .5W	1N4002TR	
D3					
D4					
D5					
D7					
D8					
D11					
D12					
D13	21A456-01	1	47V 1W ZENER	1N4756ARL	
D14	21A914-01	5	75V PIV 10mA/1V .5W	1N914	
D15					
D16					
D17					
D18					
SCREW1	30-440-53	4	4-40 X 3/8 PPH MS SEMS	440	
SCREW2					
SCREW4					
SCREW5					
U5	37-458-01	1	RC 4558P DUAL OPAMP	4558P	

ASSEMBLY PART #

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ITEM	P/N	QTY	DESC	VALUE	LABEL
U3	37-532-01	2	NE5532(N/P) DUAL OP-AMP	NE5532	
U4					
U1	37-715-01	1	UA7815CKC +15V 1A REGULATOR	7815	
U2	37-915-01	1	UA7915CKC -15V 1A REGULATOR	7915	
J3	39-117-51	2	T/R/S JACK W/GND WASHER	T/R/S	BALANCED OUT
J5					DIRECT IN
J2	39-202-01	1	MALE POWER JACK 2MM	DC POWER	{Lable}
J1	39-320-01	1	BELTON F HORIZ XLR	XLR F H	MIC IN
J4	39-321-01	1	BELTON MALE HORIZ XLR	XLR M H	BAL XL OUT
M1	49-999-01	1	VU METER 1 X 1.1 FLASHSTAR SD-103	VU METER	0
P1	70-103-43	1	10KRA 9mm HORZ. MNT	10K RA	{Lable}
JW1	76-000-05	14	22 GA TINNED COPPER	0	0
JW2					
JW3					
JW4					
JW5					
JW6					
JW7					
JW8					
JW9					
JW10					
JW11					
JW12					
JW13					
JW14					
R11	76-102-02	3	1K OHM .25W 1per RESISTOR	1K	
R21					
R22					
R28	76-103-01	3	10K OHM .25W 5per RESISTOR	10K	
R30					
R31					
R13	76-103-02	5	10K OHM .25W 1per RESISTOR		
R18					
R19					
R26					
R27					
R17	76-104-01	3	100K OHM .25W 5per RESISTOR	100K	
R35					
R36					
R24	76-105-01	1	1M OHM .25W 5per RESISTOR	1M	
R4	76-152-01	1	1.5K OHM .25W 5per RESISTOR	1.5K	
R20	76-182-01	2	1.8K OHM .25W 5per RESISTOR	1.8K	
R23					
R3	76-221-01	2	220 OHM .25W 5per RESISTOR	220	
R8					
R5	76-222-02	2	2.21K OHM .25W 1per RESISTOR	2.2K	
R7					
R25	76-224-01	1	220K OHM .25W 5per RESISTOR	220K	
R16	76-233-02	2	23.2K OHM .25W 1per RESISTOR	23.2K	
R29					

ASSEMBLY PART #

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ITEM	P/N	QTY	DESC	VALUE	LABEL
R32	76-330-01	2	33 OHM .25W 5per RESISTOR	33	
R33					
R9	76-473-01	1	47K OHM .25W 5per RESISTOR	47K	
R6	76-511-02	1	511 OHM .25W 1per RESISTOR	511	
R1	76-682-02	3	6.81K OHM .25W 1per RESISTOR	6.81K	
R2					
R14					
R12	77-101-02	1	100 OHM .5W 1per RESISTOR	100	
R34	77-471-01	1	470 OHM .5W 5per RESISTOR	470	
R15	77-472-02	1	4.75K OHM .5W 1per RESISTOR	4.75K	
R10	77-474-02	1	475K OHM .5W 1per RESISTOR	475K	
STANDOFF1	85-440-12	2	3/16 X 1-3/16 ROUND STANDOFF	STANDOFF	
STANDOFF2					
SW1	88-302-04	4	MINI PCB DPDT W/1S CAP	DPDT DUAL	PHANTOM POWER
SW2					PHASE
SW3					20 dB PAD
SW4					LOW CUT
T1	94-024-01	1	PC MT INPUT XFMR 1:4	0.044444444	0
L1	94A001-01	2	FERRITE BEAD TAPE&REEL	FERRITE	
L2					
Q1	96R006-01	2	MPSA06 NPN 80V 1.5W .5A	MPS-A06	
Q2					
Q3	96R056-01	1	MPSA56 PNP -80V 1.5W -.5A	MPS-A56	