

1	5/3/02	ADDED J14				
0	5/2/02	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: RLB		4/19/02				
Checked:			First Used On:	GLX30		
Released:						
Tolerance:	Drawing Size:	A	Drawing Title:	GUITAR AMP		
	Drawing Type:	PL				
	Class Code:		Drawing No.:	07-294-PL		
	Scale:	N/A				

ASSEMBLY PART #

07-294-02

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
PWB1	06A294-02	1	GITAR AMP		
C42	10-332-01	1	.0033 uF [20per TOL] UL/VDE DISK	0.0033	
C37	10A101-21	1	100 pF 200V 10per NPO	100 pF	
C2	10A102-11	1	.001 uF 100V 10per X7R	0.001	
C32	10A103-11	1	.01 uF 100V 10per X7R	0.01	
C11	10A104-01	9	.1 uF 50V 10per X7R	0.1	
C13					
C41					
C57					
C58					
C61					
C62					
C64					
C65					
C55	10A153-01	1	.015 uF 50V 10per X7R	0.015	
C9	10A222-11	3	.0022uF 100V 10per NPO	0.0022	
C14					
C56					
C39	10A223-01	1	.022 uF 50V 10per X7R	0.022	
C10	10A224-01	2	.22 uF 50V 10per X7R	0.22	
C12					
C17	10A332-01	1	.0033 uF 100V 10per X7R	0.0033	
C34	10A471-11	1	470 pF 100V 5per NPO	470 pF	
C5	10A473-11	4	.047 uF 100V 10per X7R	0.047	
C6					
C7					
C33					
C1	10A560-21	2	56 pF 200V 5per NPO	56 pF	
C59					
C40	10F224-03	1	.22 uF 100V 10per RAD POLY FORMED	0.22	
C4	10R104-03	1	.1 uF 100V 10per RAD POLY	0.1	
C43	12-478-25	2	4700 uF 25V 20per EL	4700	
C44					
C16	12R105-50	3	1 uF 50V 20per EL	1	
C60					
C63					
C8	12R106-35	2	10 uF 35V 20per EL	10	
C38					
C3	12R108-12	1	1000 uF 16V 20per EL	1000	
C15	12R225-50	1	2.2 uF 50V 20per EL	2.2	
C19	12R225-51	1	2.2 uF 50V 20per EL NP		
C47	12R476-12	2	47 uF 16V 20per EL	47	
C48					
C35	12R476-35	2	47 uF 35V 20per EL		
C36					
J11	17-100-03	1	.1 ST POL LOCK MPSS100-3 HEADER	0	
J4	17-105-04	1	.1 ST POL LOCK MLSS100-4 HEADER		
J5	17-105-06	1	.1 ST POL LOCK MTSS100-6 HEADER		
J7	17-309-02	1	.156 ST POL MPSS156-2-D HEADER	{Value}	

ASSEMBLY PART #

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REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
J6	17-310-05	1	.156 ST POL MFSS156-5-D HEADER		
J10	17-320-05	1	5 PIN HEADER 5MM POLAR		
J8	17-894-01	7	.187 PC TAB STBL LOC 6024-6		
J9					
J12					
J13					
J14					
J15					
J16					
D3	21-117-01	2	RED LED T-1 3/4 MED PROFILE	RED	
D4					
D20	21-224-01	1	RED LED RIGHT ANGLE		
D22	21A146-01	2	3.3V .4W ZENER 28 ohm Zz	1N746ARL	
D23					
D13	21A192-01	4	100V PIV 1.5A Io 1.4Vf@300µA	1N5392R	
D14					
D15					
D16					
D8	21A402-01	6	100V PIV 1A .5W	1N4002TR	
D9					
D10					
D11					
D12					
D19					
D17	21A444-01	2	15V 1W ZENER 14 ohm Zz	1N4744ARL	
D18					
D1	21A914-01	6	75V PIV 10mA/1V .5W	1N914	
D2					
D5					
D6					
D7					
D21					
F1	23-301-05	1	1AMP SLO BLO FUSE 250V	1 A SB	
FC1	23-926-02	2	Universal Fuse Clip	FUSE CLIP	
FC2					
HW1	30-408-52	1	4-40 X 1/2 PPHEAD M/S	440	
SCREW1	30-440-52	2	4-40 X 3/8 PPH MS SEM		
SCREW2					
HW2	30-442-52	3	4-40 A.F. HEXKEPS ASSY		
HW3					
HW4					
HS1	33-133-51	1	BX-25 HEATSINK BRAKT	0	
INS1	35-043-01	1	NYLON BUSHING NATURAL		
INS2	35-575-01	1	BERQUIST K10-58 INS		
IC3	37-072-01	1	TLO-72CP DUAL OP-AMP	TLO-72	
IC1	37-074-01	1	TLO-74 QUAD OP-AMP	TLO-74	
IC7	37-250-01	1	TDA-2050H 30W IC	TDA2050	
J1	39-116-01	2	T/S JACK HORIZ	T/S	
J44					
J2	39-117-01	2	TRS JACK HORIZ	TRS	

ASSEMBLY PART #

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REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
J3					
J18	39-121-05	1	DUAL RCA HORIZ MOUNT	DUAL RCA	
LBL1	47-701-01	1	SM 1A S.B. 250V LABEL	0	
P7	70-103-91	2	10K LINEAR [10per TOL]	10K L	
P11					
P2	70-103-92	3	10K AUDIO [10per TOL]	10K A	
P5					
P8					
P4	70-254-91	1	250K LINEAR [10per TOL]	250K L	
P6	70-501-92	1	500 AUDIO [30per TOL]	500 A	
P3	70-503-91	1	50K LINEAR [10per TOL]	50K L	
JW1	76-000-05	33	22 GA TINNED COPPER	0	
JW2					
JW3					
JW4					
JW5					
JW6					
JW7					
JW8					
JW9					
JW10					
JW11					
JW12					
JW13					
JW14					
JW15					
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JW25					
JW26					
JW27					
JW28					
JW29					
JW30					
JW32					
JW33					
JW34					
R63	76-010-01	1	1 OHM .25W 5per RESISTOR	1	
R4	76-102-01	4	1K OHM .25W 5per RESISTOR	1K	
R5					
R11					
R83					
R6	76-103-01	8	10K OHM .25W 5per RESISTOR	10K	

ASSEMBLY PART #

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REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
R7					
R8					
R15					
R16					
R56					
R85					
R89					
R17	76-104-01	2	100K OHM .25W 5per RESISTOR	100K	
R47					
R23	76-105-01	3	1M OHM .25W 5per RESISTOR	1M	
R53					
R54					
R75	76-152-01	1	1.5K OHM .25W 5per RESISTOR	1.5K	
R21	76-153-01	1	15K OHM .25W 5per RESISTOR	15K	
R13	76-221-01	1	220 OHM .25W 5per RESISTOR	220	
R57	76-222-01	1	2.2K OHM .25W 5per RESISTOR	2.2K	
R9	76-223-01	5	22K OHM .25W 5per RESISTOR	22K	
R10					
R27					
R78					
R86					
R20	76-224-01	1	220K OHM .25W 5per RESISTOR	220K	
R19	76-273-01	1	27K OHM .25W 5per RESISTOR	27K	
R59	76-331-01	2	330 OHM .25W 5per RESISTOR	330	
R60					
R3	76-332-01	2	3.3K OHM .25W 5per RESISTOR	3.3K	
R18					
R52	76-333-01	3	33K OHM .25W 5per RESISTOR	33K	
R55					
R58					
R61	76-470-01	2	47 OHM .25W 5per RESISTOR	47	
R65					
R14	76-471-01	4	470 OHM .25W 5per RESISTOR	470	
R64					
R80					
R81					
R22	76-472-01	1	4.7K OHM .25W 5per RESISTOR	4.7K	
R1	76-473-01	4	47K OHM .25W 5per RESISTOR	47K	
R84					
R87					
R88					
R2	76-474-01	1	470K OHM .25W 5per RESISTOR	470K	
R77	76-681-01	1	680 OHM .25W 5per RESISTOR	680	
R79	76-682-01	2	6.8K OHM .25W 5per RESISTOR	6.8K	
R82					
R12	77-100-01	1	10 OHM .5W 5per RESISTOR	10	
R68	77-221-01	2	220 OHM .5W 5per RESISTOR	220	
R69					
R62	78-001-03	1	.1 OHM 3W 5per WIREWOUND	0.1	
SW1	88-302-02	1	MINI PCB DPDT W/1C911 BLACK (RECT)	DPDT DUAL	

ASSEMBLY PART # 07-294-02

REVISION 1

ITEM	P/N	QTY	DESC	VALUE	LABEL
SW3	88-606-16	1	16-POS ENCODER HORIZ. MNT. D-SHAFT	4-BIT ENCODER	
Q6	96R013-01	2	MPSA13 NPN 30V 1.5W .5A DARLINGTON	MPS-A13	
Q7					
Q1	96R175-01	4	J175 P-CH 30Vds 3Vgs(off) 125ohmRdsON	J175	
Q2					
Q3					
Q4					
Q8	96R510-01	2	2N5210 NPN 50V 1.5W 50mA	2N5210	
Q9					
RC1	99-124-04	1	12 PIN 4.5IN FLAT CABLE AMP #1-88684-1	FLAT CABLE	
RC2	99-195-24	1	4-PIN 250MM FLAT CABLE		