



GOOP ENDS OF 5 WATT RESISISTORS
 PER STANDARD GOOP PROCEDURES.
 (5 WATT RESISTORS SHOWN MAY NOT BE USED ON ALL ASSEMBLIES.)

ASSY #	DESCRIPTION	DRAWING SHEETS
07-252-01	GFX-65A	
07-252-11	GFX-120A	1 & 2
07-252-21	GFX-120HA	
07-252-02	GX-65A	
07-252-12	GX-120A	1 & 3
07-252-22	GX-120HA	

FILE NAME 252XX#?.PCB

2	11/15/99	C59_WAS_12F	N00130	REM		
1	1/27/99	RC1_WAS_99-195-07.	E990034	REM	-	-
0	10/5/98	CONTROL_ISSUE	E	-	-	-
REV:	DATE:	DESCRIPTION	ECO/ECR NO:	CHNG'D BY:	APPR'D BY:	DATE:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:		DATE:	11880 Borman Dr. St. Louis, Missouri 63146			
DRAWN:	REM	6/19/98	FIRST USED ON:			
CHK'D:	TEK	6/19/98	GFX-120a			
RLS'D:			DRAWING TITLE:			
TOLERANCES:		DRAWING SIZE: C	DRAWING NO.:			
		DRAWING TYPE: PICTORIAL/GOOP	PWA_GUITAR_AMP			
		CLASS CODE:	DRAWING NO.:			
		SCALE: 1:1	07P252-XX			
		SHEET: SHT 1 OF 3				

A				B				C				D				E				F			
REF	DES	PART #	DESCRIPTION	REF	DES	PART #	DESCRIPTION	REF	DES	PART #	DESCRIPTION	REF	DES	PART #	DESCRIPTION	REF	DES	PART #	DESCRIPTION	REF	DES	PART #	DESCRIPTION
AP1		71-501-02	500 TRIM																				
C1		10A682-01	.0068uF 100U	D24		21-206-01	3AMP DIODE	A1		76-153-01	15K	R65		77-100-01	10	1/2W							
C2		10A474-01	.47uF 50U	D25		21-553-01	1N5353	A2		76-103-01	10K	R66		76-470-01	47								
C3		10A332-01	.0033uF 100U	D26		21-553-01	1N5353	A3		76-472-01	4.7K	R67		76-101-01	100								
C4		10A224-01	.22uF 50U	D28		21A146-01	1N746A	A4		76-682-01	6.8K	R68		76-684-01	680K								
C5		10A104-01	.1uF 50U	*D29		21-752-01	GI 752	A5		76-105-01	1M	R69		76-470-01	47								
C6		10A153-01	.015uF 50U	D31		21A146-01	1N746A	A6		76-223-01	22K	R70		76-105-01	1M								
C7		12R105-50	1uF 50U	D32		21A914-01	1N914	A7		76-223-01	22K	R71		76-225-01	2.2M								
C8		10A472-11	.0047uF 100U	D33		21-573-01	RED LED	A8		76-152-01	1.5K	R72		78-470-05	0.47	5W							
C9		10A474-01	.47uF 50U	D34		21A914-01	1N914	A9		76-223-01	22K	R73		76-331-01	330								
C10		12R105-51	1uF NP 50U	D35		21A914-01	1N914	A10		76-223-01	22K	R74		78-470-05	0.47	5W							
C11		10A103-11	.01uF 100U	D36		21A914-01	1N914	A11		76-152-01	1.5K	R75		76-152-01	1.5K								
C12		10A562-01	.0056uF 50U					A12		76-473-01	47K	R76		77-332-01	3.3K	1/2W							
C13		10A224-01	.22uF 50U	IC1		37-072-01	TL072	A13		76-473-01	47K	R77		78-001-05	0.1	5W							
C14		12R225-51	2.2uF NP 50U	IC2		37-072-01	TL072	A14		76-223-01	22K	***R78		76-222-01	2.2K								
C15		10A152-11	.0015uF 100U	IC3		37-072-01	TL072	A15		76-333-01	33K	R79		76-333-01	33K								
C16		12R225-51	2.2uF NP 50U	IC4		37-072-01	TL072	A16		76-103-01	10K	R80		76-222-01	2.2K								
C17		12R105-50	1uF 50U	IC5		37-072-01	TL072	A17		76-473-01	47K	R81		76-105-01	1M								
C18		10A560-21	56pF 200U					A18		76-102-01	1K	R82		76-152-01	1.5K								
C19		12R225-51	2.2uF NP 50U	J1		39-116-01	T/S JACK	A19		76-331-01	330	R83		76-333-01	33K								
C20		10A473-11	.047uF 100U	J2		39-117-01	T/R/S JACK	A20		76-105-01	1M	R84		76-473-01	47K								
C21		NOT USED		J4		17-836-01	TAB .250"	A21		76-103-01	10K	R85		77-752-01	7.5K	1/2W							
C22		10A473-11	.047uF 100U	J5		17-836-01	TAB .250"	A22		76-152-01	1.5K	R86		NOT USED									
C23		10A153-01	.015uF 50U	*J6		39-116-01	T/S JACK .187"	A23		76-472-01	4.7K	R87		78-471-05	470	5W							
C24		12R106-36	10uF 35U	J8		NOT USED		A24		76-472-01	4.7K	R88		78-271-05	270	5W							
C25		12R105-50	1uF 50U	J9		NOT USED		A25		76-682-01	6.8K	R89		78-271-05	270	5W							
C26		10A224-01	.22uF 50U	J10		NOT USED		A26		76-154-01	150K	R90		76-103-01	10K								
C27		10A102-11	.001uF 100U	J11		NOT USED		A27		76-102-01	1K	R91		76-103-01	10K								
C28		12R106-35	10uF 35U	J14		17-105-06	.1" HEADER	A28		76-472-01	4.7K	R92		76-223-01	22K								
C29		12R227-02	220uF 50U	J15		17-836-01	TAB .250"	A29		NOT USED		R93		76-222-01	2.2K								
C30		NOT USED		J17		17-836-01	TAB .250"	A30		76-473-01	47K	R94		76-471-01	470								
C31		10A221-11	220pF 100U	J19		17-836-01	TAB .250"	A31		76-681-01	680	R95		76-105-01	1M								
C32		10A221-11	220pF 100U	J20		17-836-01	TAB .250"	A32		76-223-01	22K	R96		76-220-01	22								
C33		10A221-11	220pF 100U	J21		NOT USED		A33		76-472-01	4.7K	R97		76-223-01	22K								
C34		10A102-11	.001uF 100U	J24		17-836-01	TAB .250"	A34		76-473-01	47K	R98		76-104-01	100K								
C35		10A103-11	.01uF 100U	J25		17-836-01	TAB .250"	*A35		76-047-01	4.7	R100		76-473-01	47K								
C36		10A103-11	.01uF 100U	J26		17-836-01	TAB .250"	A36		76-000-05	JUMPER	R101		76-222-01	2.2K								
C37		10-332-01	.0033uF UL	J27		17-836-01	TAB .250"	A37		76-473-01	47K	R102		76-333-01	33K								
C38		10-332-01	.0033uF UL	J28		17-836-01	TAB .250"	A38		76-000-05	JUMPER	R103		76-333-01	33K								
C39		12-478-53	4700uF 50U	J31		NOT USED		A39		76-472-01	4.7K	R104		76-105-01	1M								
C40		12-478-53	4700uF 50U	J32		17-836-01	TAB .250"	A40		76-473-01	47K	RC1		99-195-17	7-PIN								
C41		10R104-03	.1uF 100U					A41		76-222-01	2.2K	S1		88-302-01	DUAL SWITCH								
C42		10R104-03	.1uF 100U					A42		76-684-01	680K	S2		88-302-01	DUAL SWITCH								
C43		12R107-32	100uF 35U				"JUMPER OPTIONS"	A43		76-222-01	2.2K												
C44		12R107-32	100uF 35U	J0W1		NOT USED		A44		76-273-01	27K												
C45		10A473-11	.047uF 100U	J0W2		76-000-05	JUMPER	A45		76-472-01	4.7K												
C46		10A473-11	.047uF 100U	*J0W3		76-000-05	JUMPER	A46		76-103-01	10K												
C47		10A473-11	.047uF 100U	J0W4		76-000-05	JUMPER	A47		76-103-01	10K												
C48		10A473-11	.047uF 100U	J0W5		76-000-05	JUMPER	A48		76-153-01	15K												
C49		10A560-21	56pF 200U	J0W6		NOT USED		A49		77-152-01	1.5K												
C50		12R225-51	2.2uF 50U	J0W7		76-104-01	100K	A50		76-223-01	22K												
C51		10A332-01	.0033uF 50U	J0W8		76-000-05	JUMPER	A51		76-471-01	470												
C52		12R105-50	1uF 50U					A52		76-682-01	6.8K												
C53		12R225-51	2.2uF NP 50U	ICL1		NOT USED		A53		76-221-01	220												
C54		10A560-21	56pF 200U					A54		76-223-01	22K												
C55		NOT USED						A55		76-221-01	220												
C56		10A104-01	.1uF 50U	P1		70-103-61	10KL	A56		76-471-01	470												
C57		12R105-51	1uF NP 50U	P2		70-103-61	10KL	A57		77-100-01	10												
C58		12R227-02	220uF 50U	P3		70-103-61	10KL	A58		76-331-01	330												
C59		12R105-51	1uF NP 50U	P4		70-103-68	10KA	A59		76-047-01	4.7												
C60		10A224-01	.22uF 50U	P5		70-103-61	10KL	A60		76-104-01	100K												
C61		12R106-35	10uF 35U	P6		70-103-68	10KA	A61		78-470-05	0.47												
C62		12R476-35	47uF 35U	P7		70-104-63	100KRA	A62		76-273-01	27K												
C63		10A473-03	.047uF 100U</																				

A				B				C				D				E				F				
REF DES	PART #	DESCRIPTION		REF DES	PART #	DESCRIPTION		REF DES	PART #	DESCRIPTION		REF DES	PART #	DESCRIPTION		REF DES	PART #	DESCRIPTION		REF DES	PART #	DESCRIPTION		
AP1	71-501-02	500	TRIM	D24	21-206-01	3AMP	DIODE	R1	76-153-01	15K		R65	77-100-01	10	1/2W									
C1	10A682-01	.0068uF	100U	D25	21-553-01	1N5353		R2	76-103-01	10K		R66	76-470-01	47										
C2	10A474-01	.47uF	50U	D26	21-553-01	1N5353		R3	76-472-01	4.7K		R67	76-101-01	100										
C3	10A332-01	.0033uF	100U	D28	21A146-01	1N746A	3.3U/0.5W	R4	76-682-01	6.8K		R68	76-684-01	680K										
C4	10A224-01	.22uF	50U	*D29	21-752-01	GI 752		R5	76-105-01	1M		R69	76-470-01	47										
C5	10A104-01	.1uF	50U	D31	21A146-01	1N746A	3.3U/0.5W	R6	76-223-01	22K		R70	76-105-01	1M										
C6	10A153-01	.015uF	50U	D32	21A914-01	1N914	100U/0.1A	R7	76-223-01	22K		R71	76-225-01	2.2M										
C7	12R105-50	1uF	50U	D33	21-573-01	RED	LED	R8	76-152-01	1.5K		R72	78-470-05	0.47	5W									
C8	10A472-11	.0047uF	100U	D34	21A914-01	1N914	100U/0.1A	R9	76-223-01	22K		*R74	78-470-05	0.47	5W									
C9	10A474-01	.47uF	50U	D35	21A914-01	1N914	100U/0.1A	R10	76-681-01	680		R75	76-152-01	1.5K										
C10	12R105-51	1uF NP	50U	D36	21A914-01	1N914	100U/0.1A	R11	76-152-01	1.5K		*R76	77-332-01	3.3K	1/2W									
C11	10A103-11	.01uF	100U					R12	76-473-01	47K		*R77	78-001-05	0.1	5W									
C12	10A562-01	.0056uF	50U	IC1	37-072-01	TL072		R13	76-473-01	47K		OR												
C13	10A224-01	.22uF	50U	IC2	37-072-01	TL072		R14	76-223-01	22K		****	R77	78-200-05	0.2	5W								
C14	12R225-51	2.2uF NP	50U	IC3	37-072-01	TL072		R15	76-333-01	33K		R78	76-222-01	2.2K										
C15	10A152-11	.0015uF	100U	IC4	37-072-01	TL072		R16	76-103-01	10K		R79	76-333-01	33K										
C16	12R225-51	2.2uF NP	50U	IC5	37-072-01	TL072		R17	76-473-01	47K		R80	76-222-01	2.2K										
C17	12R105-50	1uF	50U					R18	76-102-01	1K		R81	76-105-01	1M										
C18	10A560-21	56pF	200U	J1	39-116-01	T/S	JACK	R19	76-331-01	330		R82	76-152-01	1.5K										
C19	12R225-51	2.2uF NP	50U	J2	39-117-01	T/R/S	JACK	R20	76-105-01	1M		R84	76-333-01	33K										
C20	10A473-11	.047uF	100U	J4	17-836-01	TAB	.250"	R21	76-103-01	10K		R85	76-473-01	47K										
C21	10A473-11	.047uF	100U	J5	17-836-01	TAB	.250"	R22	76-152-01	1.5K		R86	77-752-01	7.5K	1/2W									
C22	10A473-11	.047uF	100U	**J6	39-116-01	T/S	JACK	R23	76-472-01	4.7K		R87	76-220-01	22										
C23	10A153-01	.015uF	50U	J8	17-894-01	TAB	.187"	R24	76-472-01	4.7K		R88	NOT USED											
C24	12R106-36	10uF	35U	J9	17-836-01	TAB	.250"	R25	76-472-01	4.7K		R89	78-271-05	270	5W									
C25	12R105-50	1uF	50U	J10	17-894-01	TAB	.187"	R26	76-154-01	150K		R90	78-271-05	270	5W									
C26	10A224-01	.22uF	50U	J11	17-894-01	TAB	.187"	R27	76-102-01	1K		R91	76-103-01	10K										
C27	10A102-11	.001uF	100U	J14	17-105-06	.1"	HEADER	R28	76-472-01	4.7K		R92	76-103-01	10K										
C28	12R106-35	10uF	35U	J15	17-836-01	TAB	.250"	R29	76-103-01	10K		R93	76-223-01	22K										
C29	12R227-02	220uF	50U	J17	17-836-01	TAB	.250"	R30	76-473-01	47K		R94	76-222-01	2.2K										
C30	12R225-50	2.2uF	50U	J19	17-836-01	TAB	.250"	R31	76-473-01	47K		R95	76-471-01	470										
C31	10A221-11	220pF	100U	J20	17-836-01	TAB	.250"	R32	76-223-01	22K		R96	76-105-01	1M										
C32	10A221-11	220pF	100U	J21	NOT USED			R33	76-472-01	4.7K		R97	76-220-01	22										
C33	10A221-11	220pF	100U	J24	17-836-01	TAB	.250"	R34	76-473-01	47K		R98	76-223-01	22K										
C34	10A102-11	.001uF	100U	J25	17-836-01	TAB	.250"	*R35	76-047-01	4.7		R99	76-000-05	JUMPER										
C35	10A103-11	.01uF	100U	J26	17-836-01	TAB	.250"	R36	76-104-01	100K		R100	76-473-01	47K										
C36	10A103-11	.01uF	100U	J27	17-836-01	TAB	.250"	R37	76-223-01	22K		R101	76-222-01	2.2K										
C37	10-332-01	.0033uF	UL	J28	17-836-01	TAB	.250"	R38	76-103-01	10K		R102	76-333-01	33K										
C38	10-332-01	.0033uF	UL	J31	NOT USED			R39	76-472-01	4.7K		R103	76-333-01	33K										
C39	12-478-53	4700uF	50U	J32	17-836-01	TAB	.250"	R40	76-000-05	JUMPER		R104	76-105-01	1M										
C40	12-478-53	4700uF	50U					R41	76-222-01	2.2K														
C41	10A104-03	.1uF	100U					R42	76-684-01	680K														
C42	10A104-03	.1uF	100U					R43	76-222-01	2.2K														
C43	12R107-32	100uF	35U					R44	76-273-01	27K														
C44	12R107-32	100uF	35U					R45	76-472-01	4.7K														
C45	10A473-11	.047uF	100U					R46	76-103-01	10K														
C46	10A473-11	.047uF	100U					R47	76-103-01	10K														
C47	10A473-11	.047uF	100U					R48	76-153-01	15K														
C48	10A473-11	.047uF	100U					R49	77-152-01	1.5K	1/2W													
C49	10A560-21	56pF	200U					R50	76-223-01	22K														
C50	12R225-50	2.2uF	50U					R51	76-471-01	470														
C51	10A224-01	.22uF	50U					R52	76-103-01	10K														
C52	12R105-50	1uF	50U					R53	76-221-01	220														
C53	12R225-51	2.2uF NP	50U					R54	76-474-01	470K														
C54	10A560-21	56pF	200U					R55	76-221-01	220														
C55	NOT USED							R56	76-471-01	470														
C56	10A104-01	.1uF	50U					R57	77-100-01	10	1/2W													
C57	12R105-51	1uF NP	50U					R58	76-331-01	330														
C58	12R227-02	220uF	50U					R59	76-047-01	4.7														
C59	12R105-51	1uF NP	50U					R60	76-223-01	22K														
C60	10A224-01	.22uF	50U					R61	78-470-05	0.47	5W													
C61	12R106-35	10uF	35U					R62	76-273-01	27K														
C62	12R476-35	47uF	35U					R63	77-221-															