


ASSY P/N 07-426-01

REV	DATE	BY	CHK'D	DESCRIPTION
15	6-25-98	WFB		CHG'D SCHEMATIC PER E980015 ADDENDUM NO CHANGES TO PICTORIAL/UPPED REVISION LEVEL
14	5/14/98	REM		RADIAL CONVERSION PER ECO970587 & 980015.
13	09/10/97	SWR		CHANGED SCHEMATIC, PICTORIAL NOT AFFECTED. PER ECO #970400.
12	11/13/96	REM		REARRANGED PARTS & CIRCUIT To use 5x20mm FUSE 23-926-01 FUSE CLIP TO BE -03 PER E960449.
11	not used			
10	09/10/96	SWR		CREATED GOOP DRAWING (SHEET 3 OF 3). PER DCO #D960354.
9	08/14/96	LMA		DEL: 30-408-52 (5), ADD: 30-440-52 (5) PER C.O.
8	05/20/96	LMA	DAP	QTY CHG ON 30-408-52 FROM 13 TO 5 ADD 30-635-01 (8) PER E950030
7	11/08/95	DMM		CHANGED 39-116-51 TO 39-116-01 PER E950348

REV HISTORY... REV 1-15

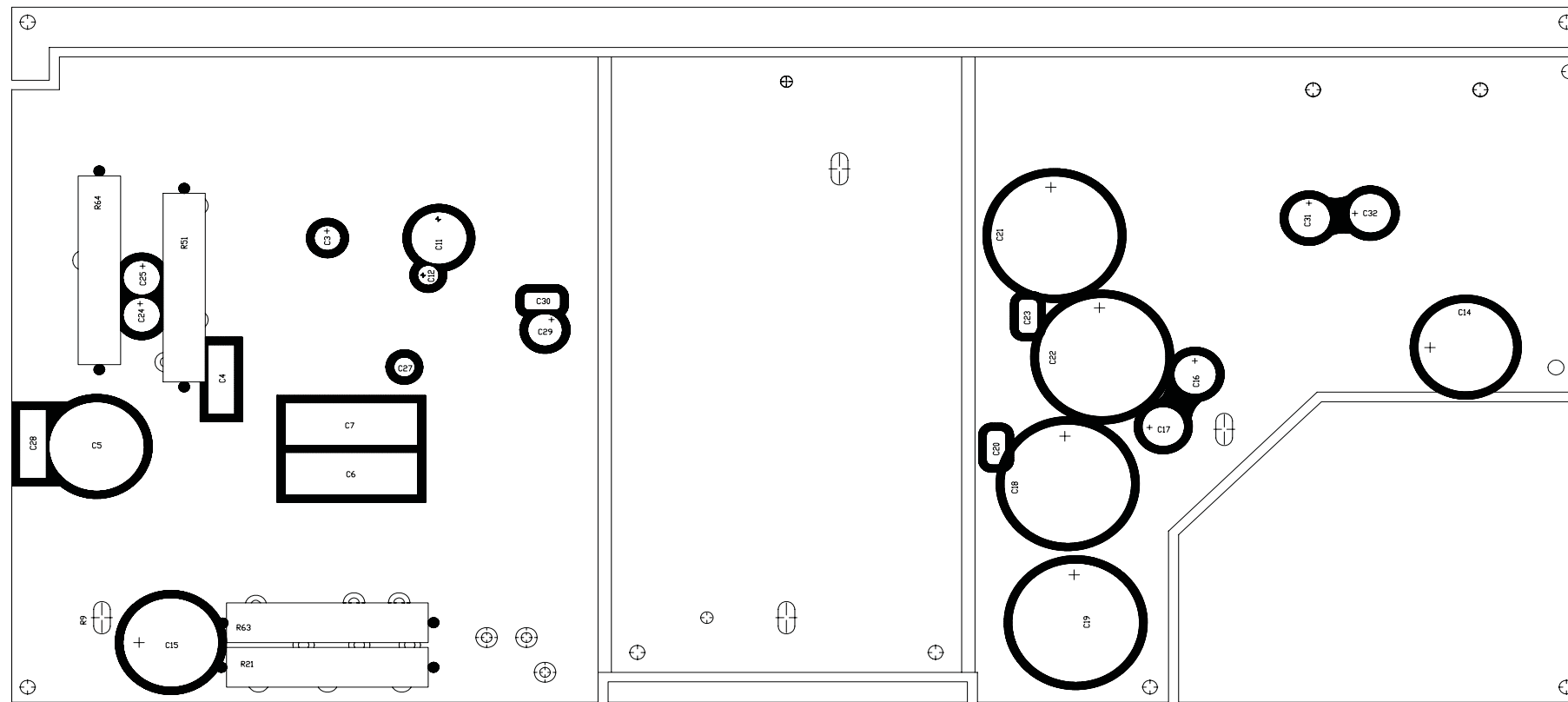
REV	DATE	BY	CHK'D	DESCRIPTION
6	10/04/95	JCJ		ADDED Q2 DETAIL PER ECO# E950300
5	01/03/95	ERW		CHANGE VALUE OF C27, R13, R28-31 & R40-43.
4	05/16/93	B.C.		CHANGED 30-440-52 (4-40 X 3/8") SCREWS TO 30-408-52 (4-40 X 1/2") SCREWS PER E203
3	11/23/93	ERW		CHANGED VALUES OF R49 & R72 TO 10K CHANGED Q15 TO MPSA06
2	08/10/93	SWR		CHANGED P/N FOR PARTS J2-J7.
1	08/04/93	SWR		ROTATED J10 180°.

16	10/13/99	F2 P/N WAS 23-321-05	N00128	REM		
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:	DATE:
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:		DATE:				
DRAWN: S. RADLER		2/16/93		11880 Borman Dr. St. Louis, Missouri 63146		
CHK'D: DAVE P		3/12/93		FIRST USED ON:		
RLS'D:				SVT-3 PRO		
TOLERANCES:		DRAWING SIZE: C		DRAWING TITLE:		
		DRAWING TYPE: ASSY/GOOP		PWR. AMP. PICTORIAL		
		CLASS CODE:		DRAWING NO.:		
		SCALE: NONE		07P426-01		
		SHEET: 1 OF 3				

REF. DES	PART #	DESCRIPTION	REF. DES	PART #	DESCRIPTION	REF. DES	PART #	DESCRIPTION	REF. DES	PART #	DESCRIPTION
AP1	71-103-02	10K TRIMPOT	J1	39-117-01	T/R/S JACK	R16	76-153-01	15K	R74	76-153-01	15K
C1	10-332-01	0.0033 UL/VDE	J2	39-116-01	T/S JACK	R17	76-153-01	15K	R75	76-152-01	1.5K
C2	10-332-01	0.0033 UL/VDE	J3	39-116-01	T/S JACK	R18	76-224-01	220K	R76	76-104-01	100K
C3	12R226-32	22 35V	J4	39-116-01	T/S JACK	R19	76-222-01	2.2K	R77	76-152-01	1.5K
C4	10-104-10	0.1 400V	J5	39-116-01	T/S JACK	R20	78-472-01	4.7K 2W	R78	76-105-01	1M
C5	12-476-42	47 450V	J6	39-116-01	T/S JACK	R21	78-221-10	220 10W	R79	77-105-02	1M 1/2W 1%
C6	10-684-10	0.68 400V	J7	39-116-01	T/S JACK	R22	78-472-01	4.7K 2W	R80	77-152-01	1.5K 1/2W
C7	10-684-10	0.68 400V	J8	17-604-01	LINE-CORD CONNECTOR	R23	76-124-01	120K	R81	78-273-01	27K 1W
C8	10A104-01	0.1 50V	J9	17-310-14	156 HEADER	R24	76-272-01	2.7K	TS1	37R350-01	LM-35 TEMP SENSOR
C9	10A223-01	0.022 50V	J10	17-309-02	CONN LOCKING	R25	76-331-01	330	V1	97-927-01	12AX7A
C10	10A223-01	0.022 50V	J11	17-450-09	9 PIN TUBE SOCKET	R26	76-272-01	2.7K	V2	95-126-01	12AU7
C11	12R227-62	220 63V	J12	17-450-09	9 PIN TUBE SOCKET	R27	76-331-01	330	HARDWARE USAGE		
C12	12-225-66	2.2 63V	* J14	17-500-01	GNDLUG	R28	77-470-03	47 1/2W	PART #	DESCRIPTION	QTY
C13	10A104-01	0.1 50V	J15	17-836-01	.250 TAB	R29	77-470-03	47 1/2W	30-440-52	4-40 3/8" SCREW	5
C14	12-476-42	47 450V	J16	17-836-01	.250 TAB	R30	77-470-03	47 1/2W	30-442-52	4-40 KEPS NUT	3
C15	12-476-42	47 450V	J17	17-836-01	.250 TAB	R31	77-470-03	47 1/2W	30-635-01	6-32 x 1/2" HEX	8
C16	12R475-20	4.7 200V	J18	17-836-01	.250 TAB	R32	78-470-05	0.47 5W	30-638-53	6-32 3/8" SCREW	2
C17	12R475-20	4.7 200V	J19	17-836-01	.250 TAB	R33	78-470-05	0.47 5W	30-700-01	6-32 KEPS NUT	2
C18	12-568-80	5600 80V	J20	17-836-01	.250 TAB	R34	78-470-05	0.47 5W	33-426-01	MAIN HEATSINK	1
C19	12-568-80	5600 80V	J21	17-836-01	.250 TAB	R35	78-470-05	0.47 5W	33-541-01	TO-220 HEATSINK	1
C20	10-104-03	0.1 100v	J22	17-836-01	.250 TAB	R36	78-470-05	0.47 5W	33-601-01	TO-39 HEATSINK	1
C21	12-568-80	5600 80V	J23	17-836-01	.250 TAB	R37	78-470-05	0.47 5W	35-043-01	SHOULDER BUSHING	1
C22	12-568-80	5600 80V	J24	17-836-01	.250 TAB	R38	78-470-05	0.47 5W	35-575-01	K10-58 SIL PAD	3
C23	10-104-03	0.1 100v	J25	17-836-01	.250 TAB	R39	78-470-05	0.47 5W	35-575-02	K10-104 SIL PAD	8
C24	12R476-35	47 35V	J26	17-836-01	.250 TAB	R40	77-470-03	47 1/2W	47-700-01	1/8A FUSE LABEL	1
C25	12R476-35	47 35V	J27	17-836-01	.250 TAB	R41	77-470-03	47 1/2W	68-602-02	RELAY COVER	1
C26	10A473-11	0.047 100V	J28	17-836-01	.250 TAB	R42	77-470-03	47 1/2W	MISCELLANEOUS		
C27	10R473-03	0.047 100V	J29	17-836-01	.250 TAB	R43	77-470-03	47 1/2W	PART #	DESCRIPTION	QTY
C28	10-104-10	0.1 400V	J30	17-836-01	.250 TAB	R44	76-223-01	22K	76-000-01	"0" OHM RESISTOR	38
C29	12R106-10	10 100V	J31	17-836-01	.250 TAB	R45	76-472-01	4.7K	76-000-05	JUMPER WIRE	5
C30	10-104-03	0.1 100v	J32	17-836-01	.250 TAB	R46	78-102-05	1K 5W	( JW2, 7, 29, 40, 42)		
C31	12R475-20	4.7 200V	J33	17-836-01	.250 TAB	R47	76-223-01	22K	* SKIP IN SEQUENCE		
C32	12R475-20	4.7 200V	J34	17-195-06	6 PIN HIGH CURRENT HEADER	R48	76-222-01	2.2K			
C33	10A101-21	100pF 200V	J35	17-836-01	.250 TAB	R49	76-103-01	10k			
* D2	21A146-01	1N746 3.3V	K1	82-090-01	RELAY	R50	78-202-01	2K 2W			
D3	21A146-01	1N746 3.3V	Q1	96-050-01	TIP-50 500V NPN	R51	78-221-10	220 10W			
D4	21A443-01	1N4743 13V/.5W	Q2	96R006-01	MPSA06	* R61	76-104-01	100K			
D5	21A443-01	1N4743 13V/.5W	Q3	96-515-01	2N5415	R62	76-104-01	100K			
D6	21A443-01	1N4743 13V/.5W	Q4	96-340-01	2N3440	R63	78-221-10	220 10W			
D7	21A443-01	1N4743 13V/.5W	Q5	96R006-01	MPSA06	R64	78-221-10	220 10W			
D8	21A370-01	1N3070	Q6	96R056-01	MPSA56	R65	77-470-02	47.5 1/2W 1%			
D9	21A370-01	1N3070	Q7	96-014-02	IRFP240 200V NMOSFET	R66	77-470-02	47.5 1/2W 1%			
D10	21A370-01	1N3070	Q8	96-014-02	IRFP240 200V NMOSFET	R67	76-271-01	270			
D11	21A454-01	1N4754 39V/1W	Q9	96-014-02	IRFP240 200V NMOSFET	R68	76-474-01	470K			
D12	21A914-01	1N914	Q10	96-014-02	IRFP240 200V NMOSFET	R69	76-105-01	1M			
D13	21A914-01	1N914	Q11	96-914-02	IRFP9240 200V PMOSFET	R70	76-273-01	27K			
D14	21A407-01	1N4007	Q12	96-914-02	IRFP9240 200V PMOSFET	R71	76-472-01	4.7K			
D15	21A407-01	1N4007	Q13	96-914-02	IRFP9240 200V PMOSFET	R72	76-103-01	10K			
D16	21A407-01	1N4007	Q14	96-914-02	IRFP9240 200V PMOSFET	R73	76-473-01	47K			
D17	21A407-01	1N4007	Q15	96R006-01	MPSA06						
D18	21A407-01	1N4007	Q16	96-031-03	TIP-31C						
D19	21A407-01	1N4007	Q17	96-032-03	TIP-32C						
D20	21-553-01	1N5353 16V	R1	76-103-01	10K						
D21	21A443-01	1N4743 13V/.5W	R2	76-105-01	1M						
D22	21A819-01	1N5819	R3	76-821-01	820						
D23	21-553-01	1N5353 16V	R4	77-104-02	100K 1/2W 1%						
D24	21A914-01	1N914	R5	77-154-02	150K 1/2W 1%						
* D26	21A914-01	1N914	R6	76-105-01	1M						
D27	21A146-01	1N746 3.3V	R7	76-152-01	1.5K						
D28	21A370-01	1N3070	R8	77-222-02	2.21K 1/2W 1%						
D29	21A370-01	1N3070	R9	78-563-01	56K 2W						
D30	21A146-01	1N746 3.3V	R10	76-332-01	3.3K						
D31	21A407-01	1N4007	R11	76-223-01	22K						
D32	21A407-01	1N4007	R12	76-224-01	220K						
FC1	23-926-03	5x20mm FUSE CLIP	R13	76-225-01	2.2M						
FC2	23-926-03	5x20mm FUSE CLIP	R14	76-222-01	2.2K						
FH1	23-346-01	FUSE HOLDER	R15	78-472-01	4.7K 2W						
F1	23A301-01	1A 250V PICO FUSE									
F2	23-501-05	1/8A SB 250V FUSE 5X20mm									
IC1	37-074-01	TL074									

SEE SHT 1 FOR COMPLETE REV HISTORY

16	10/13/99	F2 P/N WAS 23-321-05	N00128	REM		
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:	DATE:
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:			DATE:		11880 Borman Dr. St. Louis, Missouri 63146	
DRAWN: S RADER		2/16/93		FIRST USED ON: SVT-3 PRO		
CHK'D: DAVE P		3/12/93		DRAWING TITLE: PWR. AMP. PICTORIAL		
RLS'D:				DRAWING NO.: 07P426-01		
TOLERANCES:		DRAWING SIZE: C		SCALE: NONE SHEET: 2 OF 3		
		DRAWING TYPE: ASSY/GOOP				
		CLASS CODE:				



GOOP PER STANDARD GOOPING PROCEDURES

SEE SHT 1 FOR REV HISTORY

16	10/13/99	F2 P/N WAS 23-321-05	N00128	REM		
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:	DATE:
THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:			DATE:		11880 Borman Dr. St. Louis, Missouri 63146	
DRAWN:	S RADER	2/16/93				
CHK'D:	DAVE P	3/12/93	FIRST USED ON:			
RLS'D			SVT-3 PRO			
TOLERANCES:	DRAWING SIZE:	C	DRAWING TITLE:			
	DRAWING TYPE:	ASSY/GOOP	PWR. AMP. PICTORIAL			
	CLASS CODE:		DRAWING NO.:			
	SCALE:	NONE	SHEET:	3	OF	3
			DRAWING NO.: 07P426-01			