

REV	DATE	BY	CHK'D	DESCRIPTION
5				
4	8/3/98	REM	OK	RADIAL CONVERSIONS PER ECO980078.
3	10/16/97	SWR		CHANGED TABS J39 thru J44. PER ECO #970614.
2	08/27/97	SWR		CHANGED WIRE COLOR ON J40 & J41. PER ECO #970475.
1	06/24/97	SWR		CHANGED R70. DRAWING REDONE IN AUTOCAD. PER ECO #970356.
0	5/8/97	REM		UPDATED DRAWING PER CHECKOFF

SIGNATURES:		DATE:	11880 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN:	REM	3/5/97	PROJECT NAME:	
CHK'D:	DK	3/5/97	B-15	
APP'D:	DK	3/5/97	DRAWING NAME:	
ORIGINAL ISSUED:	3/5/97	PICTORIAL DRAWING		
PLOT DATE:	11/18/98	DRAWING NO.	07P267-01	REV 4
PLOT TIME:	08:29:09	SCALE:	1:1	SHEET: 1 OF 3
FILE NAME:	26701P4_	© COPYRIGHT SLM ELECTRONICS		



REF	DES	PART #	DESCRIPTION
C1		12R226-50	22uF 50V
C2		12-106-95	10uF 450V
C3		10-104-10	1uF 400V
C4		10-471-52	470pF 500V
C5		10R472-01	0047uF 100V
C6		10-104-10	1uF 400V
C7		10R333-02	033uF 100V
C8		10-104-10	1uF 400V
C9		10-102-10	001uF 400V
C10		10-103-10	01uF 400V
C11		10-471-52	470pF 500V
C12		10R472-01	0047uF 100V
C13		10-104-10	1uF 400V
C14		12-106-95	10uF 450V
C15		10-104-10	1uF 400V
C16		12R106-35	10uF 35V
C17		10-104-10	1uF 400V
C18		10-684-21	68uF 250V
C19	(4)	10F154-02	15uF 100V
C20		10R104-03	1uF 100V
C21		10R333-02	033uF 100V
C22		10R333-02	033uF 100V
C24	(4)	10R104-03	1uF 100V
C25	(4)	12R476-62	47uF 63V
C26	(4)	12R476-62	47uF 63V
C27		10-104-10	1uF 400V
C28		10-104-10	1uF 400V
C29		10-104-10	1uF 400V
C30		10-104-10	1uF 400V
C31		12-476-42	47uF 450V
C32		12-228-26	2200uF 25V
C33		12-228-26	2200uF 25V
C34		12R226-50	22uF 50V
C35		12R226-50	22uF 50V
C36		12-227-91	220uF 350V
C37		12-227-91	220uF 350V
C38		12-227-91	220uF 350V
C39		12-227-91	220uF 350V
C40	(4)	12R476-62	47uF 63V
C41	(4)	12R476-62	47uF 63V
C42		10-332-01	0033uF UL
C43		10-332-01	0033uF UL
C44		10-104-10	1uF 400V
C45		10R473-03	047uF 100V
D1		21A402-01	1N4002 100V/1A
D2		21A402-01	1N4002 100V/1A
D3		21A402-01	1N4002 100V/1A
D4		21A402-01	1N4002 100V/1A
D5		21A407-01	1N4007 1000V/1A
D6		21A407-01	1N4007 1000V/1A
D7		21A407-01	1N4007 1000V/1A
D16		21A407-01	1N4007 1000V/1A
D17		21A407-01	1N4007 1000V/1A
D18		21A407-01	1N4007 1000V/1A
D19		21A407-01	1N4007 1000V/1A
FH1		23-346-01	FUSE HOLDER
IC1		37-912-01	79M12
IC2		37-712-01	78M12
IC3		37-072-01	TL072
J1		39-012-01	112APC JACK
J2		39-012-01	112APC JACK
J3		17-451-09	9-PIN 9-PIN
J4		17-451-09	9-PIN 9-PIN
J5		39-308-01	MALE XLR
J6		39-012-01	112APC JACK
J7		39-012-01	112APC JACK
J8		17-451-09	9-PIN 9-PIN
J9		17-450-04	8-PIN 8-PIN
J10		17-450-04	8-PIN 8-PIN
J11		17-450-04	8-PIN 8-PIN
J12		17-450-04	8-PIN 8-PIN
J13		39-012-01	112APC JACK
J14		39-931-01	NEUTRIK
J15		17-836-01	TAB
J16		17-836-01	TAB

J17	17-581-01	LAMP	HOLDER
J18	17-604-01	LINE-CORD	
J19	17-836-01	TAB	
J20	17-836-01	TAB	
J21	17-836-01	TAB	
J22	51-149-01	GNDLUG	
J23	17-836-01	TAB	
J24	17-836-01	TAB	
J25	17-836-01	TAB	
J26	17-836-01	TAB	
J27	17-836-01	TAB	
J28	17-836-01	TAB	
J29	17-836-01	TAB	
J30	17-836-01	TAB	
J31	17-836-01	TAB	
J32	17-836-01	TAB	
J33	17-836-01	TAB	
J34	17-836-01	TAB	
J35	17-836-01	TAB	
J36	17-836-01	TAB	
J37	17-836-01	TAB	
J38	17-836-01	TAB	
J39	17-894-01	TAB	
J40	17-894-01	TAB	
J41	17-894-01	TAB	
J42	17-894-01	TAB	
J43	17-894-01	TAB	
J44	17-894-01	TAB	
J46	17-500-01	GNDLUG	
J47	17-836-01	TAB	
J48	17-836-01	TAB	
J49	17-836-01	TAB	
J50	17-105-11	HEADER	
J51	17-105-11	HEADER	
J52	17-105-08	HEADER	
J53	17-105-08	HEADER	
J54	17-105-02	HEADER	
J55	17-105-02	HEADER	
L1	94-602-32	800mH	
P1	70-105-12	AUDIO	
P2	70-105-12	AUDIO	
P3	70-503-17	LINEAR	
P4	70-105-12	AUDIO	
P5	70-503-17	LINEAR	
P6	70-503-20	LINEAR	
R1	77-223-02	22.1K	1/2W
R2	77-104-02	100K	1/2W
R3	77-335-01	3.3M	1/2W
R4	77-152-02	1.5K	1/2W
R5	77-104-02	100K	1/2W
R7	77-224-02	221K	1/2W
R8	77-104-02	100K	1/2W
R9	77-224-02	221K	1/2W
R10	77-334-01	330K	1/2W
R11	77-335-01	3.3M	1/2W
R12	77-335-01	3.3M	1/2W
R13	77-105-02	1M	1/2W
R14	77-152-02	1.5K	1/2W
R15	77-152-02	1.5K	1/2W
R16	77-104-02	100K	1/2W
R17	77-104-02	100K	1/2W
R18	77-224-02	221K	1/2W
R19	77-223-02	22.1K	1/2W
R20	77-104-02	100K	1/2W
R21	78-103-02	10K	2W
R22	77-104-02	100K	1/2W
R23	77-105-02	1M	1/2W
R24	77-152-02	1.5K	1/2W
R25	77-222-02	2.2K	1/2W
R26	77-104-02	100K	1/2W
R27	77-104-02	100K	1/2W
R28	77-103-02	10K	1/2W
R29	77-471-02	475	1/2W
R30	76-474-01	470K	
R31	76-474-01	470K	
R32	76-474-01	470K	
R33	76-474-01	470K	
R34	76-474-01	470K	
R35	76-474-01	470K	
R36	77-105-02	1M	1/2W
R37	77-472-02	4.75K	1/2W
R38	77-224-02	221K	1/2W

R39	77-105-02	1M	1/2W
R40	78-103-02	10K	2W
R41	76-224-01	220K	
R42	76-472-01	4.7K	
R43	76-103-01	10K	
R44	76-103-01	10K	
R45	76-331-01	330	
R46	76-331-01	330	
R47	77-223-02	22.1K	1/2W
R48	77-105-02	1M	1/2W
R49	77-105-02	1M	1/2W
R50	77-152-02	1.5K	1/2W
R51	77-101-02	100	1/2W
R52	77-823-02	82.5K	1/2W
R53	77-104-02	100K	1/2W
R54	77-154-02	150K	1/2W
R55	77-224-02	221K	1/2W
R56	77-224-02	221K	1/2W
R57	77-472-02	4.75K	1/2W
R58	77-472-02	4.75K	1/2W
R59	78-103-02	10K	2W
R60	77-472-02	4.75K	1/2W
R61	77-472-02	4.75K	1/2W
R62	77-473-02	47.5K	1/2W
R66	78-471-02	470	5W
R67	78-471-02	470	5W
R68	78-471-02	470	5W
R69	78-471-02	470	5W
R70	78-151-05	150	5W
R71	77-101-02	100	1/2W
R72	77-101-02	100	1/2W
R73	78-563-01	56K	2W
R74	78-563-01	56K	2W
R75	78-563-01	56K	2W
R76	78-563-01	56K	2W
R77	77-104-02	100K	1/2W
R78	77-224-02	221K	1/2W
R79	77-103-02	10K	1/2W
R83	77-474-02	475K	1/2W
S1	88-303-02	QUAD	SWITCH
S2	88-107-01	SWITCH	
S3	88-303-02	QUAD	SWITCH
S4	88-220-01	DPDT	SWITCH
S5	88-220-01	DPDT	SWITCH
JW1-41	76-000-XX	JUMPERR WIRE	
JW1-41	SEE SYSTEM BOM	FDR PROPER DASH #.	
JW42, 43	76-000-XX	JUMPERR WIRE	
JW42, 43	MUST BE -05		

MISCELLANEOUS HARDWARE

PART #	DESCRIPTION	QUANTITY
30-638-53	6-32X3/8" SCREW	10
30-700-01	6-32 HEX KEPNUT	10
47-980-01	1" SOLDER MASK DISC	4
85-125-01	1/2" HEX STANDOFF	8
97-206-50	24 GA. 1 COND SHIELDED PREP	9'
35-080-21	.038" ID SHIELD TUBING	2
97-267-01	3" WIRE PREP	5
33-576-01	TO-220 HEATSINK	2

NOTES

- CAUTION: SHOCK HAZARD!! THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5%TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10%TOL.
- VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- ALL RESISTORS WITH -02 = 1% TOLERANCE.

SEE SHEET 1 OF 3 FOR REVISION HISTORY

SIGNATURES:		DATE:	11880 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN:	REM	3/5/97	PROJECT NAME:	
CHK'D:	DK	3/5/97	B-15	
APP'D:	DK	3/5/97	DRAWING NAME:	
ORIGINAL ISSUED:		3/5/97	PICTORIAL DRAWING	
PLOT DATE:		11/18/98	DRAWING NO.	07P267-01
PLOT TIME:		08:29:09	REV	4
FILE NAME:		26701P4_	SCALE:	1:1
			SHEET:	2 OF 3



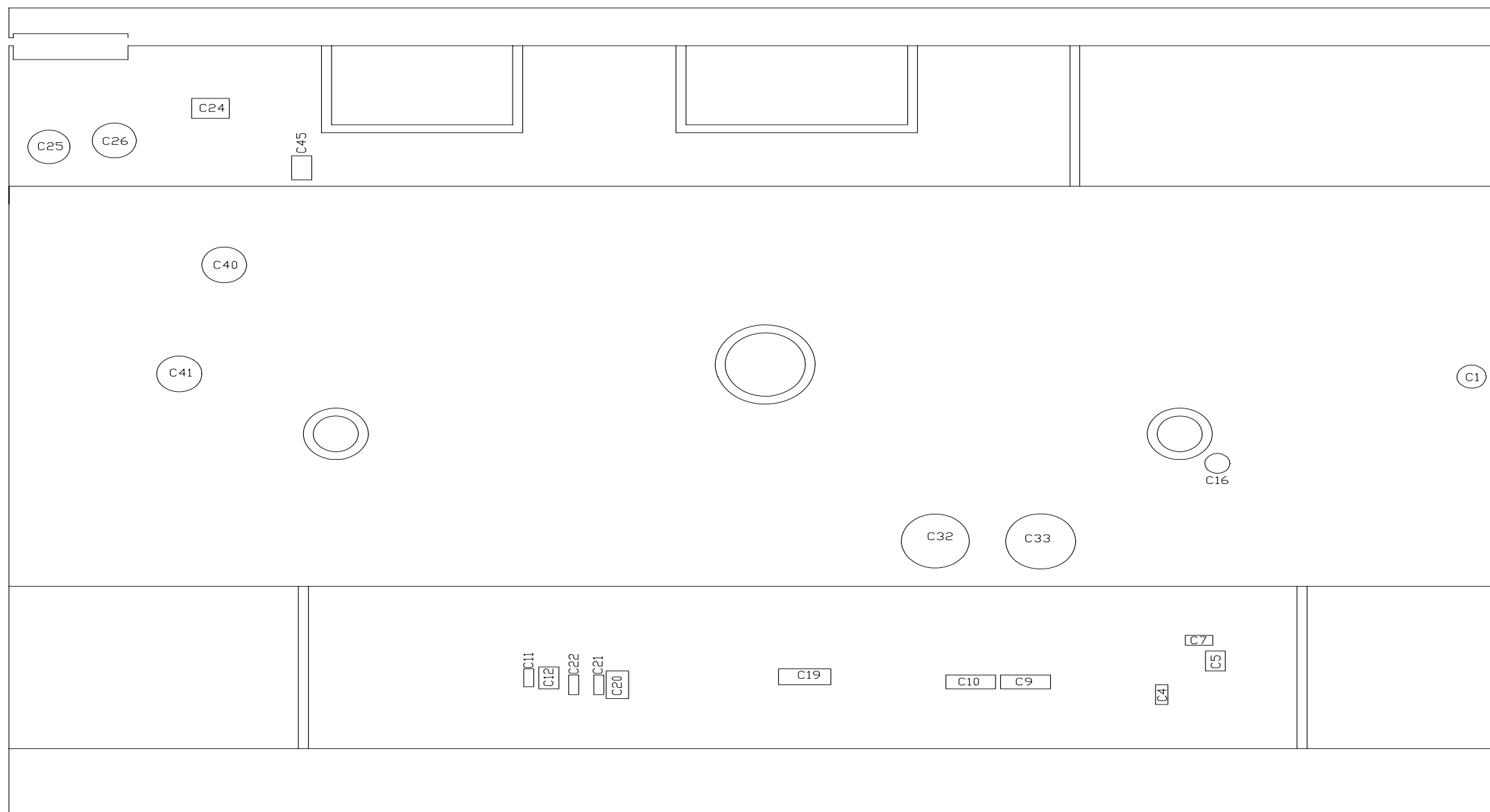
A

B

C


D

E



GOOP PARTS SHOWN PER STANDARD GOOP PRACTICES

SEE SHEET 1 OF 3 FOR REVISION HISTORY

<b>SIGNATURES:</b>		<b>DATE:</b>	 11880 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN:	REM	3/5/97	
CHK'D:	DK	3/5/97	PROJECT NAME:
APP'D:	DK	3/5/97	B-15
ORIGINAL ISSUED:		3/5/97	DRAWING NAME:
PLOT DATE:		11/18/98	GOOPED PARTS DRAWING
PLOT TIME:		08:29:09	DRAWING NO. 07P267-01
FILE NAME:		26701P4_	REV 4_
		SCALE: 1:1	SHEET: 3 OF 3

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