

REF	DES	PART #	DESCRIPTION	TRIM
AP1		71-501-02	500	
C1		10F224-03	.22uF	100U
C2		10F224-03	.22uF	100U
C3		12R226-16	22uF	16V
C4		12R226-16	22uF	16V
C5		10R104-03	.1uF	100U
C8		12R226-82	22uF	16V
C9		12R106-36	10uF	35V
C10		10A330-21	33pF	200U
C12		10A104-01	.1uF	50V
C13		10A221-11	220pF	100U
C14		12R106-36	10uF	35V
C15		12R105-51	1uF	50V
C16		10A103-11	.01uF	100U
C17		10R104-03	.1uF	100U
C18		10A560-21	56pF	200U
C19		12R106-36	10uF	35V
C20		12R226-82	22uF	16V
C21		12R107-32	100uF	35V
D1		21A914-01	1N914	100V/0.1A
D2		21A914-01	1N914	100V/0.1A
D3		21A914-01	1N914	100V/0.1A
D4		21A914-01	1N914	100V/0.1A
D5		21A914-01	1N914	100V/0.1A
D6		21A914-01	1N914	100V/0.1A
D7		21A914-01	1N914	100V/0.1A
D8		21A443-01	1N4743A	13V/1W
D9		21A914-01	1N914	100V/0.1A
D10		21A440-01	1N4740A	10V/1W
D11		21A914-01	1N914	100V/0.1A
D12		21A440-01	1N4740A	10V/1W
D13		21A914-01	1N914	100V/0.1A
D14		21A437-01	1N4737A	7.5V/1W

IC1		37-532-01	NE5532	
IC2		37-074-01	TL074	
IC3		37R350-01	LM-35	
J1		17-105-03	HEADER	
J4		17-309-06	CONN	LOCKING
J11		17-309-02	CONN	LOCKING
J27		17-309-02	CONN	LOCKING

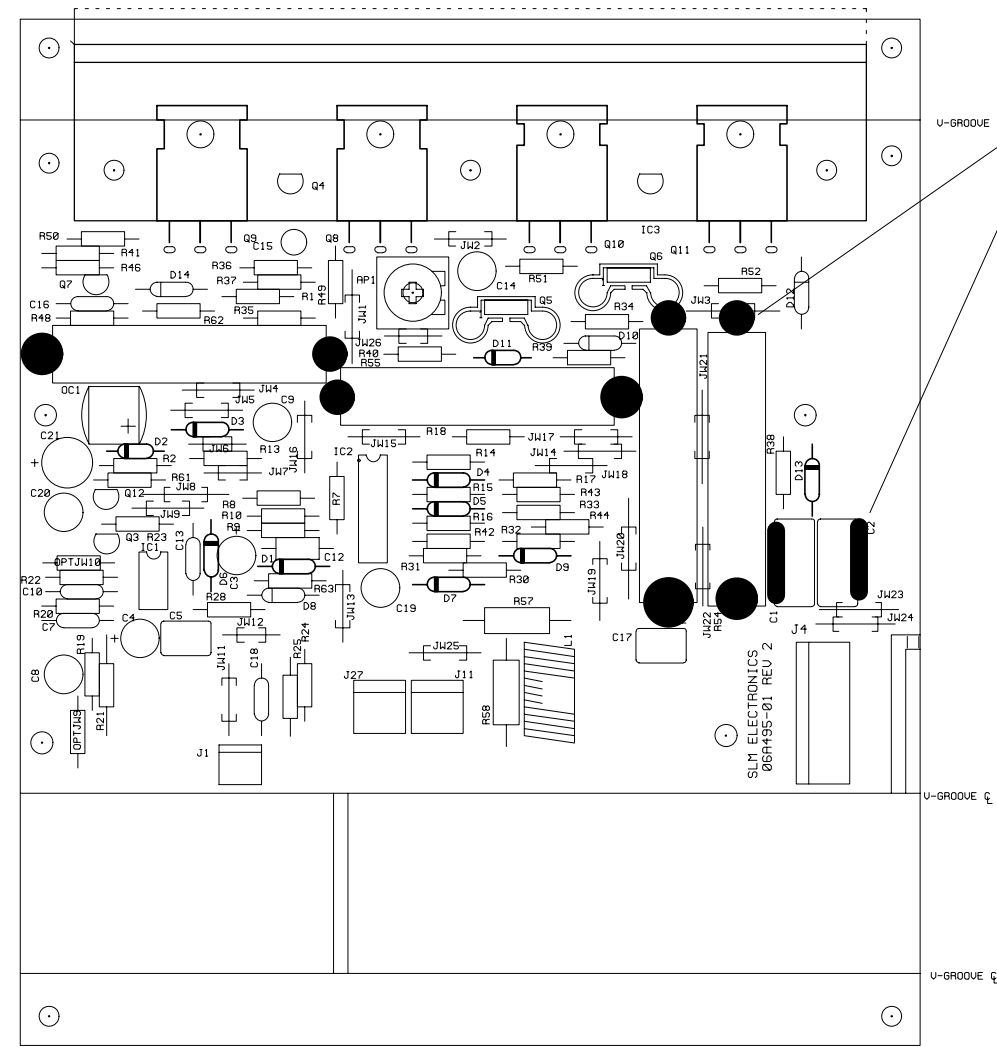
L1		94-141-01	.5uH	
OC1		66-100-01	UTL5C7	OPTO

OPTJW9		76-000-05	JUMPER	
OPTJW10		76-000-05	JUMPER	1/4W
Q3		96R112-01	J112	
Q4		96R006-01	MPSA06	
Q5		96-035-01	MJE350	T0-225A
Q6		96-034-01	MJE340	T0-225A
Q7		96R006-01	MPSA06	
Q8		96-014-01	IRFP140	
Q9		96-014-01	IRFP140	
Q10		96-914-01	IRFP9140	
Q11		96-914-01	IRFP9140	
Q12		96R112-01	J112	

MISCELLANEOUS HARDWARE:

QTY	PART #	DESCRIPTION
1	33-195-01/04	"L" BRACKET HEATSINK
4	35-570-01	INSULATORS
2	35-004-01	HEATSINK CLIP
4	30-636-01	#6 BELLEVILLE WASHER
4	30-651-01	#6-32 X 1/2 HEX SCREW
4	30-650-53	#6-32 X 1/2 SCREW
4	30-700-01	#6-32 2 HEX KEPNUT ASSY
1	06A495-01	UNIV. PWR PC BOARD

REV	DATE	BY	CHK'D	DESCRIPTION
②	3/17/98	REM	JD	REV TO MATCH SCHEMO PER ECR980402-01 ADDED J1, R57 & R58 TO A PER ECR980318-02
1	3/5/98	REM	JD	06A495-01 PC BD TO REV 2 PER E980221. 07-495-01 TO REV 1 DUE .PARTS MOVED Q8-Q11, Q6, Q7, AP1...AI PARTS D14, JW1, JW26 R36, R37, R51 MOVED SLIGHTLY ALSO!



REF	DES	PART #	DESCRIPTION
R1		76-471-01	470
R2		76-473-01	47K
R7		76-683-01	68K
R8		76-752-01	7.5K
R9		76-752-01	7.5K
R10		76-153-01	15K
R13		76-821-01	820
R14		76-224-01	220K
R15		76-223-01	22K
R16		76-224-01	220K
R17		76-182-01	1.8K
R18		76-223-01	22K
R19		76-101-01	100
R20		76-101-01	100
R21		76-153-01	15K
R22		76-223-01	22K
R23		76-102-01	1K
R24		76-473-02	47.5K 1%
R25		76-101-01	100
R28		76-151-01	150
R30		76-103-01	10K
R31		76-823-01	82K
R32		76-683-01	68K
R33		76-473-01	47K
R34		76-102-01	1K
R35		76-331-01	330
R36		76-472-01	4.7K
R37		76-102-01	1K
R38		76-271-01	270
R39		76-221-01	220
R40		76-221-01	220
R41		76-271-01	270
R42		76-474-01	470K
R43		76-104-01	100K
R44		76-223-01	22K
R46		76-103-01	10K
R48		76-471-01	470
R49		77-470-03	47 1/2W FLAMEPROOF
R50		77-470-03	47 1/2W FLAMEPROOF
R51		77-470-03	47 1/2W FLAMEPROOF
R52		77-470-03	47 1/2W FLAMEPROOF
R53		78-330-10	0.33 10W
R54		78-330-10	0.33 10W
R55		78-330-10	0.33 10W
R56		78-330-10	0.33 10W
R57		78A033-01	3.3 1W
R58		78A010-11	1 1W
R61		76-821-01	820
R62		77-470-03	47 1/2W FLAMEPROOF
R63		76-103-01	10K
JW1-JW9		76-000-05	JUMPER WIRE
JW10		NOT USED	
JW11-JW26		76-000-05	JUMPER WIRE

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.

SIGNATURES:	DATE:	11880 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN: REM	1/27/98	PROJECT NAME: CE-112SPG/PSR-12/15	
CHK'D: JD	1/27/98	DRAWING NAME: PICTORIAL/GOOP	
APP'D: JD	1/27/98	DRAWING NO. 07P495-01	REV. -
ORIGINAL ISSUED:	1/27/98	SCALE: 1:1	SHEET: 1_OF_1
PLOT DATE:	4/2/98		
PLOT TIME:	00:00		
FILE NAME:	49591B2_		