



NOTE: SET BIAS VOLTAGE FROM COLD START ACROSS R53-R56 15 TO 25mV DC AVERAGE, NO SIGNAL, NO LOAD THERMAL SHUTDOWN BETWEEN 105-115 DEGREE CENTIGRADE.

TEST POINT CONDITIONS: NO SIGNAL, NO LOAD, .775VRMS INPUT @ 1KHZ SINE-WAVE.

CE-112SPG ONLY				ALL UNITS		PSR-12/15 ONLY	
TP	DC VOLTAGE	AC VOLTAGE	WAVEFORM	TP	DC VOLTAGE		
1	---	.775VRMS		1	---		
2	---	.875VRMS		2	---		
3	- .2VDC	1.4VRMS		3	- .06VDC		
4	+ 2.6VDC	1.4VRMS		4	+ 2.9VDC		
5	- 3.0VDC	1.4VRMS		5	- 2.78VDC		
6	+ 3.1VDC	---		6	+ 3.1VDC		
7	- 3.5VDC	---		7	- 3.4VDC		
8	+51VDC TO 52.5VDC VARIES WITH BIAS	1.9VRMS TO 2.5VRMS VARIES WITH BIAS		8	+35.8VDC TO 36.5VDC VARIES WITH BIAS		
9	-51VDC TO - 52.5VDC VARIES WITH BIAS	1.9VRMS TO 2.5VRMS VARIES WITH BIAS		9	-35.9VDC TO - 37VDC VARIES WITH BIAS		
10	10mVDC	24VRMS		10	4mVDC		
11	-11.49VDC	---		11	-11VDC		
12	-15.78VDC	---		12	-15VDC		
13	3VDC TO 8VDC VARIES WITH TEMP	---		13	3VDC TO 8VDC VARIES WITH TEMP		
14	-15.81VDC	---		14	-15VDC		
15	+56VDC	2.5V P-P		15	+39.6VDC		
16	-56VDC	2.5V P-P		16	-39.7VDC		

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

CAUTION: THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL. TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

REV	DATE	BY	CHK'D	DESCRIPTION
2	04/08/98	REM	JD	ADDED_TP_INF0_FOR_PSR-12/15_PER_ECR980102-01.
2	03/17/98	REM	JD	R57.&.R58.TO_78A_PER_ECR980318-02.
1	03/05/98	REM	JD	NO_CHG_TO_SCHEM.REV.TO_MATCH_PICT_PER_E980221.

SIGNATURES:		DATE:	11880 BORMAN DR.
DRAWN: REM	1/27/98		ST. LOUIS, MISSOURI 63146
CHK'D: JD	1/27/98	PROJECT NAME:	
APP'D: JD	1/27/98	CE-112SPG\PSR-12/15	
ORIGINAL ISSUED:	1/27/98	DRAWING NAME:	POWER_AMP_SCHEMATIC
PLOT DATE:	4/2/98	DRAWING NO.	07S495-01
FILE NAME:	49591B2-	SCALE:	NONE
		SHEET:	1_OF_1