



DESIGNATOR	DESCRIPTION	PART NO.
D1, 2	GRN LED .3" SPCR	21-511-01
D3-7, 9-12	19	
D8	1N914	21A814-01
D9	1N746	21A146-01
D12-17	1N4007	21A407-01
D18	YEL LED ASSY	21-502-01
IC1-4	RC4558	37-458-01
IC5	TLD-72CP	36-51-01
J1, 2, 4	1/4 JACK CHROME	39-112-01
J3, 6	CLIFF T/S JACK	39-116-01
J5	XLR MALE RA PC MT	39-308-01
J7	10 PIN .156 HDR	17-318-10
J8, 12	13 PIN .100 HDR	17-101-13
J9, 13	6 PIN .156 HDR	17-318-06
J10, 11	8367P 25' FST TB	17-836-01
J14	#6 GROUND LUG	17-500-01
L1	PC MT TAPPED IND	94-602-32
P1	1M 1/2W DGL PUL SV	70-105-17
P2, 4	1W 1/2W DGL	70-105-22
P3	50KL POT	70-123-01
P5-11	50KL 20mm SLIDER	70-503-25
P12	100 KRA	70-104-23
Q1	1J76 FET	96-176-01
Q2, 3, 4	2N5216	96-51-01
Q5	HPS-A-55	96-035-01
S1, 3	STACKED SPDT SW	88-302-01
S2	5 PDS RA PC MT	88-108-01
V1, 2, 3	TESTED 12AX7	97-927-01

TEST POINT CHART

TP	VAC RMS	VDC
1	60V p-p	0
2	1.7V p-p	190V
3	20V p-p	190V
4	21V p-p	125V
5	1V p-p	0
6	1V p-p	0
7	1V p-p	0
8	—	20V *
9	—	275V *
10	—	20V
11	—	-20V

MEASUREMENT CONDITIONS:
 INPUT @ 1 KHz 60mV p-p
 * DC VDC MAX WITH EQ ENABLED.

- 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 DIGITAL VOLTMETER AND 10 MEGOHM DIGITAL OSCILLOSCOPE
 - CIRCUIT GROUND ⚡ EQ GROUND ⚡ CHASSIS GROUND + POWER GROUND ⚡
 - SWITCHES SHOWN IN 'OUT' POSITION.

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.

2	6/22/92	SWR	CHANGED VALUE COP C51, R75, & R92.	
1	6/18/91	SWR	CHANGED R88 FROM: 10 ohm, 1/4W TO: 10 ohm, 2W	
REV	DATE	BY	CHK'D	DESCRIPTION
SIGNATURES:		DATE:		
DRAWN: MGA		9-26-90	T880 BORMANN DR. PT. LOUIS, MISSOURI 63748	
CHK'D:		PROJECT NAME:		
APP'D:		SVT-III PRE AMP		
ORIGINAL ISSUED:		DRAWING NAME:		
PLOT DATE:		SCHEMATIC		
PLOT TIME:		DRAWING NO. 075533-01		
FILE NAME:		SCALE: NONE SHEET: 1 OF 1		