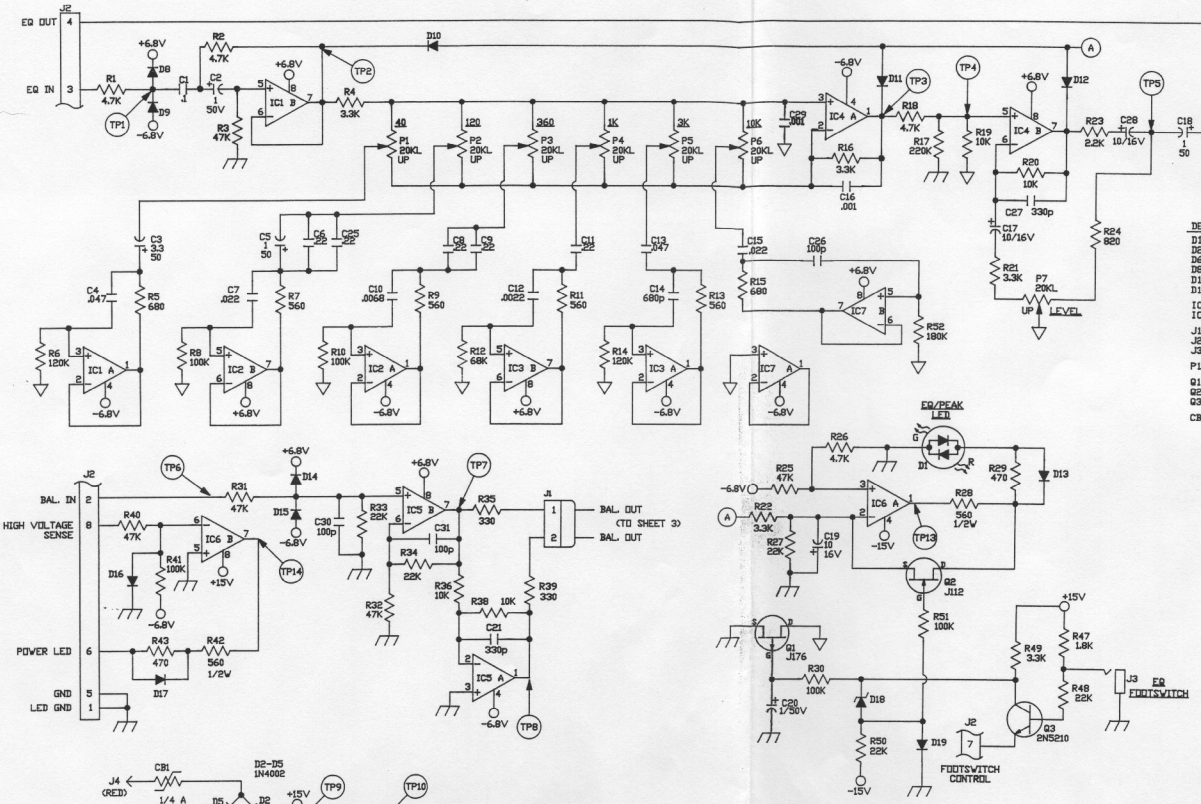

DESIGNATOR	DESCRIPTION	SLM PART #
D1	LED, RED-GREEN	21-591-51
D2-D5	1N4002	21A402-01
D6,7	1N754	21A754-01
D8-D17	1N914	21A914-01
D18	1N4743	21A443-01
D19	1N914	21A914-01
IC1-IC5, IC7	TL072	37-072-01
IC6	NE5532	37-532-01
J1	2 PIN HEADER	17-311-02
J2	8 PIN HEADER	17-311-08
J3	1/4" JACK	39-012-01
P1-P7	20K POT (SLIDER)	70-203-51
Q1	J176	96-176-01
Q2	J112	96-112-01
Q3	2N5210	96-510-01
CB1,2	1/4A THERMISTER	73-101-01

TEST POINTS	VOLTAGE V p-p	VOLTAGE VDC
1	.5	0
2	.5	0
3	.5	0
4	.5 EQ OFF	0
	.33 EQ ON	0
5	.5	0
6	.5	0
7	.23	0
8	.23	0
9	——	+15
10	——	+6.8
11	——	-15
12	——	-6.8
13	——	-14
	W/ 3 @ TP1	+14
14	——	-14 (GND)
	——	+14 (STANDBY)

CONDITIONS:
VOLTAGES ARE MEASURED WITH ALL POTS @ CENTER POSITION, FRONT PANEL EQ ENABLED (J2-7 @ GND) & BALANCED OUT SWITCH IN.
INPUT: 1KHz SINE WAVE @ .5Vp-p EQ IN (J2-3) & BALANCED IN (J2-5) TO GND (J2-5).

NOTES
1) 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.
4) CIRCUIT GROUND ⏚ SWITCHED GROUND ⏚ CHASSIS GROUND ⏚

REV	DATE	BY	CHK'D	DESCRIPTION
3	3/10/92	SWR		REDESIGN
2	11/8/91	SWR		CHANGED VALUE OF C3,C4,C14,C15, C16,R13,R15,R21,R22, AND R28
1	12/8/90	ML		REDRAWN DUE TO CIRCUIT CHANGES

SIGNATURES:		DATE:	1990 BORDEN DR. ST. LOUIS, MISSOURI 63146
DRAWN: MGA		7-18-89	
CHK'D:			PROJECT NAME: SVT-II GRAPHIC EQ
APP'D:			
ISSUED:			DRAWING NAME: SCHEMATIC
PLOT DATE:	04/09/92		DRAWING NO. 07S728-01
PLOT TIME:	12:43:54		
FILE NAME:	7S728013	SCALE: NONE	SHEET: 1 OF 1