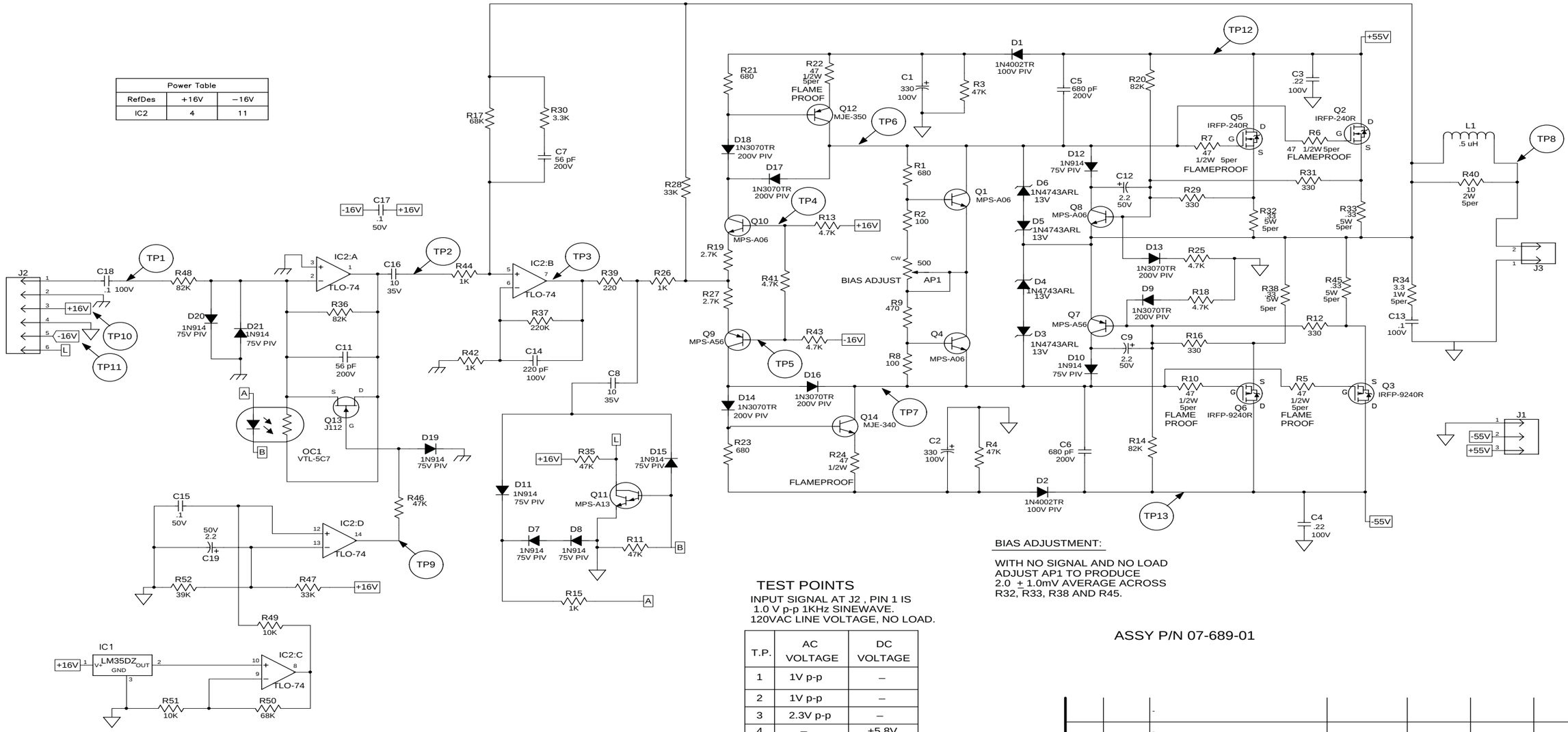
Power Table		
RefDes	+16V	−16V
IC2	4	11



BIAS ADJUSTMENT:

WITH NO SIGNAL AND NO LOAD
ADJUST AP1 TO PRODUCE
2.0 ± 1.0mV AVERAGE ACROSS
R32, R33, R38 AND R45.

TEST POINTS

INPUT SIGNAL AT J2 , PIN 1 IS
1.0 V p-p 1KHz SINEWAVE.
120VAC LINE VOLTAGE, NO LOAD.

T.P.	AC VOLTAGE	DC VOLTAGE
1	1V p-p	–
2	1V p-p	–
3	2.3V p-p	–
4	–	+5.8V
5	–	-5.8V
6	65V p-p	+4V
7	65V p-p	-4V
8	65V p-p	–
9	–	-15V
10	–	+16V
11	–	-16V
12	–	+55V
13	–	-55V

* DC LEVEL IS APPROXIMATE
DEPENDING ON BIAS.

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.

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.

ASSY P/N 07-689-01

REV	Date	DESCRIPTION	Ecr(s)/Ecn(s)	Chgd By	Appvd by	Date
		-				
		-				
A	8/05/03	INITIAL ISSUE			-	

THE INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC

Signatures:		Date:
Drawn:	REM	6/17/02
Checked:	-	
Released:		

Plot Date: Wed Aug 13, 2003
Plot Time: 11:11:43
Tolerance:

Drawing Size: C
Drawing Type: Schematic
Class Code: NONE
Sheet 1 of 1

SCM Electronics
11880 Borman Drive, St. Louis, MO 63146

First Used On: -

Drawing Title: SCHEM-220 WATT PWR AMP

Drawing Number: 07S689