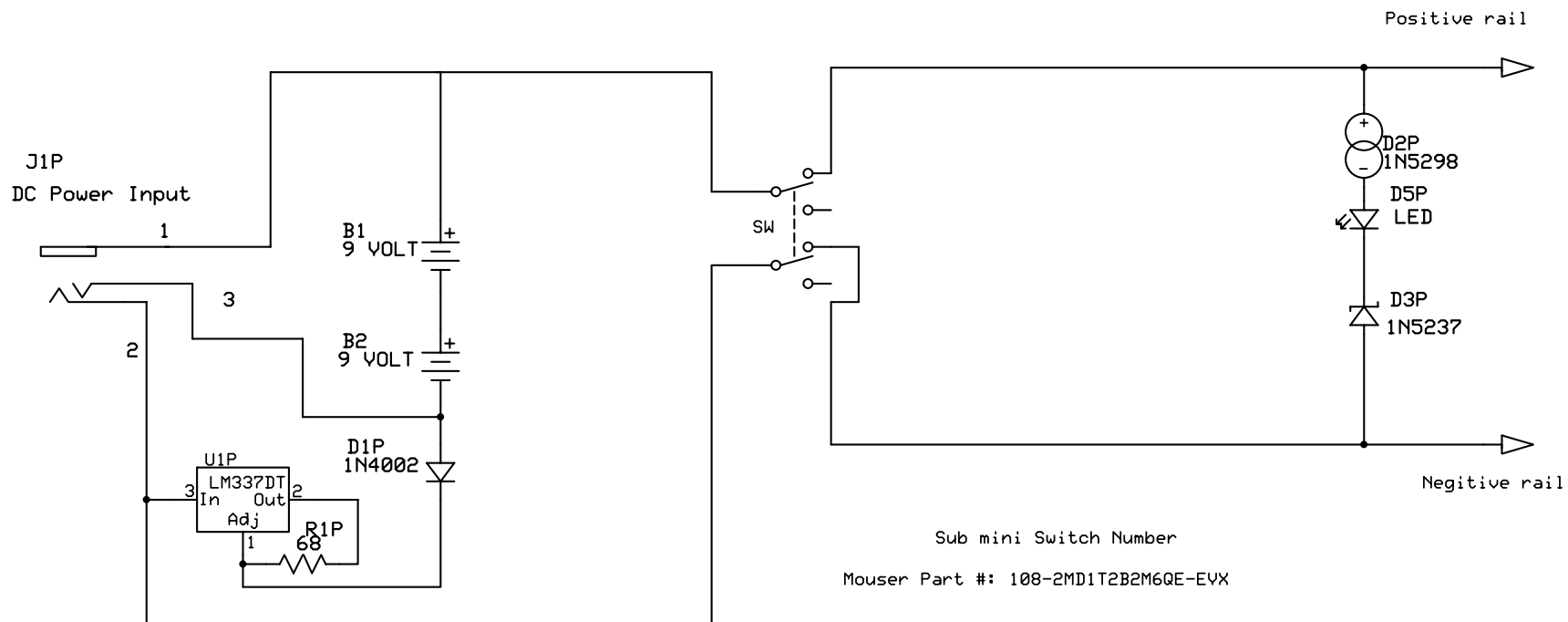


LISA III

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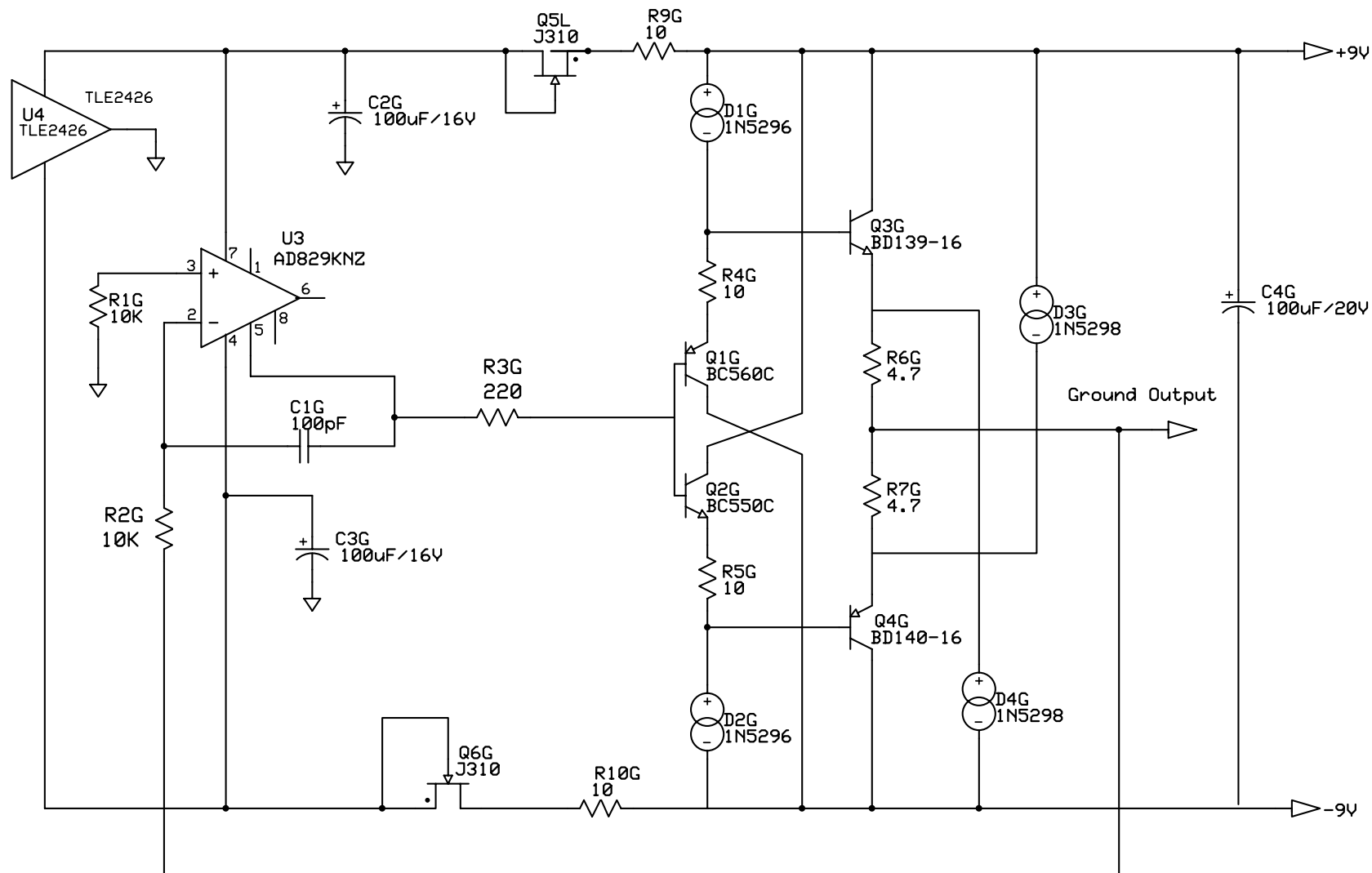
Left Channel



Approved By Eng on	Date: 05/12/07
Checked By	PPL
Version 1.0B	Date: 03/23/2007

LISA III	
Page 1 of 4	Power Supply





Approved By Eng on	Date: 03/25/2007
Checked By	PPL
Version 1.0B	Date: 03/23/2007

LISA III	
Page 2 of 4	Ground Channel

LISA III TECHNICAL SPECIFICATIONS

Minimum Continuous sine wave Power Output Per channel from 20-20,000Hz With less than 0.1% THD + Noise....	<u>Ac Adaptor</u>	<u>Load</u>	<u>Internal Batteries</u>
	470 Mw	14 Ohms	270 Mw
	700 Mw	45 Ohms	400 Mw Rated
	200 Mw	200 Ohms	100 Mw

Minimum Undistorted Output Current Per Channel from 20-20,000Hz.	200mA (RMS) Battery Limited Into a 10 ohm Load
Maximum output impedance From 20-20,000Hz @ 1 Volt (RMS) into A 20 Ohm resistive load. Bass flat	Less than 1.2 Ohms from 2-50,000 Hz. Resulting Bass Boost Min
Minimum Slew rate @ max volume And full rated Power Output, into A 200 Ohm resistive load Resistor	Greater than 50 V/uSec Typically 70 V/uSec Load capacitance 10 pF
Typical Full Power Bandwidth with A 200 Ohm load and 10 pF.	D.C -5 MHz. (IEC) **** D.C. – 1.2 MHz. @ rated Power output, into a purely resistive load
Bass boost parameters	+19 dB From D.C – 20 Hz. declining in boost @ 6 db Per Octave until 500 Hz.
Typical Total Harmonic Distortion (THD) @ rated Output 15–30,000Hz.	@15 Hz. @1KHz. @ 30 KHz. < 0.09% < 0.04% < 0.05%
Typical Intermodulation distortion Using the (SMPTE) Method	@ rated power output @100Mw @1.0Mw <0.01% <0.06% <0.01%
Signal to Noise ratio relative to Rated Power Output. Input Shorted	> 100 dB “A” Weighted. 90 dB unweighted
Voltage gain and Input impedance Unbalanced RCA Type Input jack	13.5 dB @ max Volume. Input Impedance 45K Ohms & 25 pf of capacitance
Typical current consumption Icq @ 18 Volts	22-24 mA unloaded