



Right Channel Only  
Repeat for Left Channel

- Notes:
- 1- All Resistors Metal Film, 1%, 1/4W, unless specified otherwise
  - 2- All Capacitors electrolytic, unless specified otherwise
  - 3- Q101-Q102 Matched VGS
  - 4- Q103-Q105, Q106-Q108 Matched VGS
  - 5- Trim Resistors values in RED

R8 - Trim Output DC Offset  
Values typ. 10-30 Mohms  
ex.: DC offset 140mv drops  
to <10mv with R8=10M

AC Gain Adjustment  
Inject 1Kz, Adj. Vin for Vout 10V in 8ohms  
Measure Vac across 6 res. R131-136, ex. 90mv  
Calc I out=V/(6\*0.47) then divide by 1/2, ex: 0.575Amp  
Measure Iac=Sum each Neg FET 0.47Res volt/047  
Ex: Iac=(90+93+91mv)/0.47ohm=0.583A if R115=1Kohms  
Adjust R115 for Iac total of 3 neg FET = 0.575A

Changes List	
No	Description
1	Cooling Fans
2	C101,3 bypass caps
3	400VA Transio change
4	

Pass Labs - Nelson Pass (1994)		
Title		
Aleph3, 30W Classe A MOSFET Amplifier		
Size	Document Number	Rev
B		03
Date:	Friday, July 11, 2003	Sheet 1 of 1

