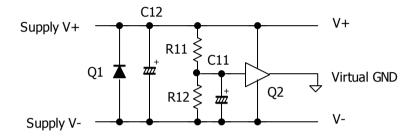
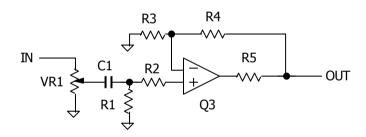
Chu-Moy-style Headphone Amplifier by Kenji Rikitake <kenji.rikitake@acm.org> August 27, 2001

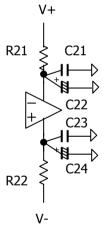
Schematics:



Virtual Ground Regulator



Amplifier for each channel (1/2 of 2)



Power supply LPF for the amplifiers

Parts Numbers and Values:

R1: 100kohm R2: 1kohm R3: 1kohm R4: 4.7kohm R5: 47ohm R11: 10kohm R12: 10kohm R21: 47ohm R22: 47ohm

VR1: 10kohm logarithmic (A-curve)

C1: 2.2uF Mylar

C11: 1uF 25V Electrolytic C12: 1000uF 35V Electrolytic

C21: 0.1uF Ceramic

C22: 100uF 25V Electrolytic

C23: 0.1uF Ceramic

C24: 100uF 25V Electrolytic

Q1: 1N4002 (100V 1A Si Diode)

Q2: Burr-Brown BUF634

Q3: Burr-Brown OPA134 or 1/2 OPA2134

(All resistors are metal-film)