

ECE101: Basics of Electrical and Electronics Circuits

Mini Project-2

Audio Amplifier using Push Pull Amplifier (Power Amplifier):

Implement the given circuit using NPN (CL-100) and PNP (CK-100) transistors.

Ref. PIN Diagram:

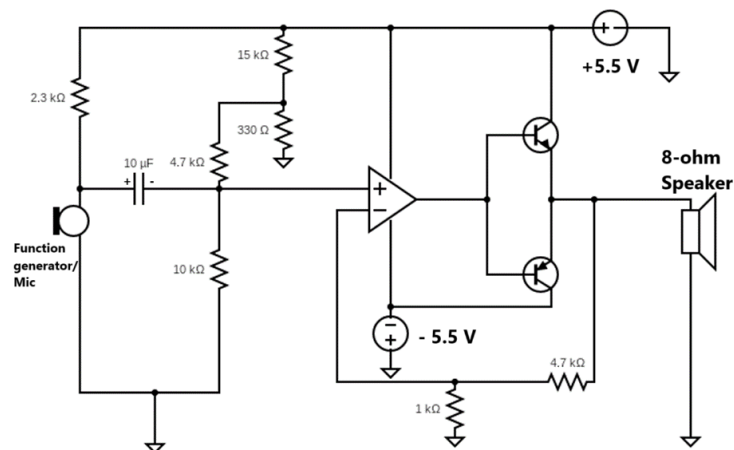
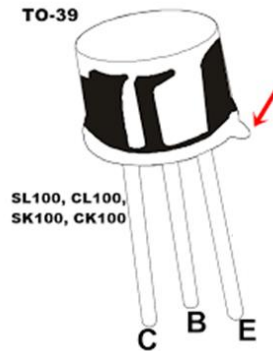


Fig. Audio Amplifier using Push-Pull Power Amplifier

Measurements/Observations:

- Hear the sound as a function of input frequency from function generator and note down the range of frequency for which the sound is audible to you.

Input Sine wave amplitude	Audible Frequency Range		Compare it with Standard Audible range
Function generator	Min.	Max	20 Hz-20 kHz

- Repeat the same by using a song from your mobile phone through a mic at a distant and connected in place of function generator.