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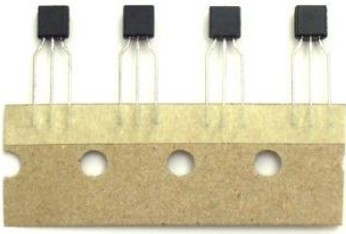


Introduction To Analog Electronics – Lesson 8: Transistor Amplifier

ANALOG PARTS

The following schematic material is meant to go with the online lesson found here:
http://www.pyroelectro.com/edu/analog/transistor_amplifier/

PARTS USED IN THE EXPERIMENT

In this experiment we used a variety of different components. The main components can be seen below with more details. Basically we used The LM348 to generate a tone, a 2n3904 with some capacitors and resistors to amplify the tone and the audio jack breakout board to listen to the tone on some speakers.

Picture	Type	Description
	Thru -Hole 2n3904 BJT NPN Transistor (Dip Package)	This is a general purpose 3-pin NPN transistor. Part Link
	Capacitors	In this lesson we used a few 1uF electrolytic capacitors for dc blocking and AC filtering of audio signals. Part Link
	Stereo Jack PCB Breakout Board	This audio jack breakout board gives us access to the Right, Left and Ground signals to a speaker or set of headphones. Part Link

ADDITIONAL INFORMATION

To ask questions about anything found in this schematic please head on over to the forums located at:

<http://www.pyroelectro.com/forums/>