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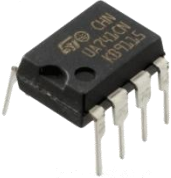


Introduction To Analog Electronics – Lesson 7: Active Filters

ANALOG PARTS

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

PARTS USED IN THE EXPERIMENT

In this lesson we built some high pass and low pass filters using op amps, resistors and capacitors. We were able to input an audio signal to test out our filters using the stereo cable with tinned wires and hear the audio output with the audio jack breakout board. The most important parts of this project are listed out below with more details.

Picture	Type	Description
	Thru -Hole LM741 Op-Amp (Dip Package)	This is the standard LM741 Operational Amplifier. It comes in an 8 pin IC DIP package. Part Link
	Capacitors	In this lesson we experimented with many different types of capacitors ranging from 0.01uF ceramics to 100uF electrolytic capacitors. Part Link
	Stereo Cable Cut w/ Tinned Leads	This stereo cable is cut off at one end so we have easy access to the wires inside and can use it as a probe. 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/>