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*Introduction To Analog Electronics – Lesson 5: RL/RC Passive Filters*

## ANALOG PARTS

The following schematic material is meant to go with the online lesson found here:  
[http://www.pyroelectro.com/edu/analog/passive\\_filters/](http://www.pyroelectro.com/edu/analog/passive_filters/)

## PARTS USED IN THE EXPERIMENT

In this experiment we used 3 core components. The LM741 was used to make our tone generator so that we could use different types of capacitors to test out different types of filters. We also included inductors in the parts kit for additional experimentation.

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. <a href="#">Part Link</a>
	Capacitors	In this lesson we experimented with many different types of capacitors ranging from 0.01uF ceramics to 100uF electrolytic capacitors. <a href="#">Part Link</a>
	Inductors	Although inductors weren't used in the experiment, the theory learned in this lesson still holds true and inductors can be used as filters. <a href="#">Part Link</a>

## 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/>