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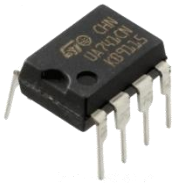
Introduction To Analog Electronics – Lesson 3: Rectifying Diode Circuits

ANALOG PARTS

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

PARTS USED IN THE EXPERIMENT

In this experiment we used 3 core components to create a 1.5 KHz AC signal and then turn it back into a DC signal. Below are those 3 components listed out and described in further detail. Take a look and get more familiar with them.

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
	1N914 Switching Diode	This is a general purpose diode that we'll use to rectify an AC signal. 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/