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Introduction To Modern Electronics – Lesson 6: The Diode

DIODE COMPARISON

The following information is meant to go with the online lesson found here:
http://www.pyroelectro.com/edu/basics/diode/

DIFFERENT TYPES OF DIODES

The different diodes seen below are but a taste of the many types of diodes available to buy. However, these are some of the most commonly seen diodes, so take a look through and remember them for your future endeavors in electronics.

Picture	Type	Description
	Thru Hole Diode	This is a typical 1N4001 rectifier diode. It is a thru-hole type of component and very common throughout electronics.
	Blue Light-Emitting Diode	This is a standard 5mm LED type of diode. It emits a nice blue light when powered on.
	Surface Mount Diode	Even though the component looks big in the picture, these surface mount diodes are actually very tiny, saving previous board space and performing the same as their larger thru-hole brothers.
	Surface Mount Light-Emitting Diode	Here is the surface mount version of the LED. Again, it performs the same light emitting task as its larger brothers, but saves board space and is super tiny.

ADDITIONAL INFORMATION

To ask questions about anything found in this information please head on over to the forums located at:
http://www.pyroelectro.com/forums/viewforum.php?f=22