



PyroElectro.com - PyroEDU

Introduction To Modern Electronics – Lesson 10: Schematics & Datasheets

PARTS

The following information is meant to go with the online lesson found here:

<http://www.pyroelectro.com/edu/basics/documentation/>

EXAMPLE DATASHEETS

This lesson focused less on actual electronic parts and more on the documentation side of things and so there are no specific parts to look closer at. Instead I'll pass on a few links to popular electronics manufacturer websites with tons of data sheets.

Texas Instruments: <http://www.ti.com/>

This manufacturer is very popular with designers as they build quality electronic parts. If you remember from the video, we looked through one of their datasheets for the 74LS373 part. You can find that datasheet here: <http://www.ti.com/product/sn74ls373> .

Maxim Integrated: <http://www.maximintegrated.com/products/>

Maxim Integrated is another electronics part manufacturer. They are located in the heart of silicon valley and make a variety of integrated circuits for electronics designers world-wide. Take a look at their products page to see specific IC products and the datasheets that go with them.

On Semiconductor: <http://www.onsemi.com/>

OnSemi is yet another semiconductor (IC) manufacturer. They make a wide variety of integrated circuits for designers similar to the previous two manufacturers. Again, each of their parts will have an accompanying datasheet that explains the part's purpose, usage, limitations and example circuit.

There are literally, thousands of electronics manufacturers around the world and the ones listed above are some of the larger companies that ship their products world-wide. Take a few minutes and peruse their websites; look at some random part datasheets and get a feeling for what these companies are about. Even if you don't understand everything on all the pages, it is still a good experience and introduction, and if you continue to study electronics, one day you will understand all that electro-gibberish!

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>