

DSP Lab 1

Equipment Required: Texas Instruments eZdsp USB Stick
 Male-to-Male Audio Cable
 Audio Source (e.g. computer, mp3 player, microphone)
 Headphones (or speakers)

Lab 1

(1.) Install Code Composer for the eZdsp from minidisc included with the device.

You only need to install the software that is associated with the eZdsp. This will take some time. Be sure the computer you are using can handle this software.

(2.) It is very beneficial to either extract the powerpoint presentations from the DVD to your computer, or have the DVD set to run on a separate computer. They will be essential to completing all the labs.

(3.) Follow the slides for Chapter 1, Getting Started. **Please note that you will be using the 5515 DSP module. Make sure you select this at the appropriate time.**

(4.) Questions:

- a. What does DSP stand for?
- b. What programming language is used by Code Composer?
- c. In your own words, explain what happens to each output as you change the mathematical operation for each..