ET-460/

DSP Lab 3

Equipment Required: Texas Instruments eZdsp USB Stick

Male-to-Male Audio Cable

Audio Source (e.g. computer, mp3 player, microphone)

Headphones (or speakers)

Lab 3

(1.) Follow the slides for chapter 3, "Echo and Reverberation". **Again make sure the 5515 chipset is still selected.**

(2.) This lab is concerned with echo and reverberation, which can be controlled quite easily with the DSP module.

(3.) Pay close attention to the diagrams concerning these two concepts, as they will aid in your understanding.

(4.) Questions":

a. What is the difference between echo and reverberation?

b. What is coloration?

c. What occurs when you change the value of N?

d. What occurs when DEPTH is set to 32767?