

EE461 Microcomputer-Based Digital Design

Spring 2007

Lab 2

LED

Part 1 Program a PIC16F874 to accept four bits of input representing a desired hexadecimal digit, process the bits to interpret them as a decimal digit, and output the signal to a seven-segment display

Part 2 Modify the program so that it starts at zero and counts up to the number specified by the input, pausing for one second between each number, and updating the seven-segment display.