Experiment #8

Count Up/Down Timer Using The SPI Subsystem and LCD Display

ECE 367

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Schematic, Program Code, and Logic Diagram attached to the end of report.

User Manual:

Use Keypad to enter time

Press A to clear time

Use Top Left button to change from countdown to count-up or vice versa

Use Bottom Left button to start the countdown/count-up

Conclusion:

This lab was not exactly simple, but was fun to do. The LCD Display didn’t prove too hard to master.