

ECEN 5613 Lab-4 Report

Course Name: Embedded System Design

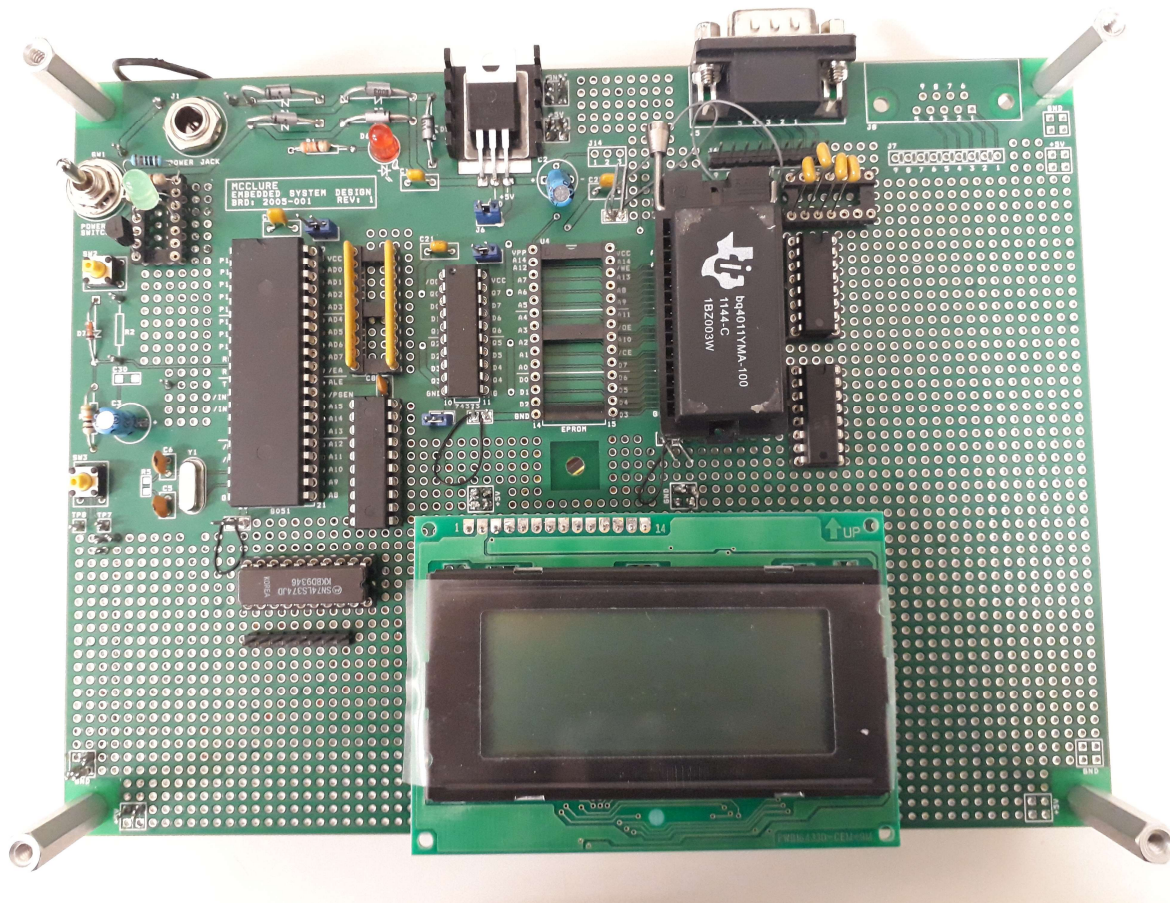
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This submission is created by Rushi James Macwan. Credits and courtesy to the TAs (Tristan and Kiran) for their immense help and support.

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Lab-4



In this lab, I was required to write an LCD driver and connect the I²C EEPROM to my board. The LCD driver required implementing a couple of functions. The EEPROM required an effort to establish strong hardware connections.

Submission Questions:

1. What operating system (including revision) did you use for your code development?

I used the Windows 10 Operating System for my code development.

2. What compiler (including revision) did you use?

I used the CA51 Compiler kit used by the Keil uVision5 IDE.

3. What exactly (include name/revision if appropriate) did you use to build your code (what IDE, make/makefile, or command line)?

I used Keil uVision5 IDE for my code development.

4. Did you install and use any other software tools to complete your lab assignment?

No.

5. Did you experience any problems with any of the software tools? If so, describe the problems.

Conclusion:

As part of this lab, I have pointed out some of the key learnings that I had:

1. I²C device interfacing
2. LCD device driver and interfacing
3. More debugging skills