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# SERIAL COMMUNICATION UART

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Sprint 2018 Project Two



Julie Kim [REDACTED]

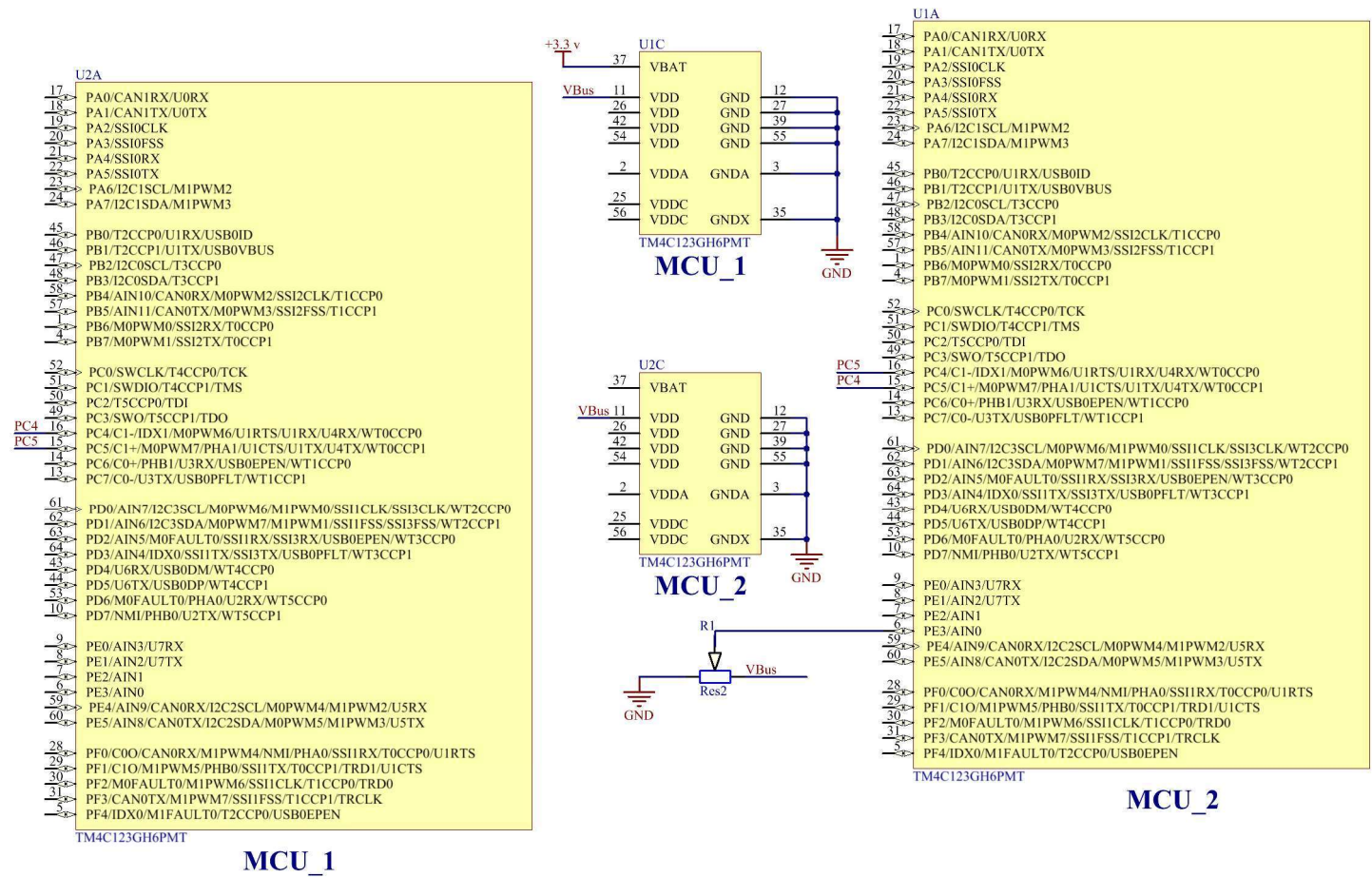
CECS 447 Monday, Wednesday 10:00am – 12:15 pm

**Due Date: April 7, 2018**

**Instructor: John Vu**

California State University Long Beach

## ○ Schematics



Julie Kim

The components needed for this design are two microcontrollers, and one potentiometer. Tm4c123ghpm is used because the software platform Keil uVision5 is available and have software example code as a reference to learn and understand how UART work in software platform and how to interface software to hardware UART. By utilizing the example project and starter code, save the development time and easier to develop software to control all the functionalities required in this project. Tm4c123 platform provide the real time JTAG debugging process to assist in debugging the code.