

Massachusetts Institute of Technology
Department of Electrical Engineering and Computer Science
6.111 - Introductory Digital Systems Laboratory

Final Project Check Off Sheet

Project Title: Super I/O

Student Name: Ross Glashon, James Wnorowski

TA Name: Chris Forker

TA Signature/Date:

Design

- State transition diagrams, Block Diagrams, Code. (Ross)
- State transition diagrams, Block Diagrams, Code. (James)

Functionality

- I2C interface communicates between different modules using internal bus.
- Different module functionality: Digital I/O, motor, servo, LCD, analog input, shaft encoder.
- Demonstrate controlling a robot using the Super I/O.

Discussion

- How is the interface between modules controlled? What limits the number of modules that can be implemented?