

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

**6.111 Lab Kit Signout – Spring 2006**

The components, tools, breadboard and test equipment probes/pods you'll need to complete the labs are available in a lab kit which you can check out of the Instrument Room, 38-601. This kit must be returned to the Instrument Room by 5:00pm, Friday May 19, 2006. **You are responsible for returning all the items in the kit in working condition** and will be charged a replacement fee for missing or broken items (in particular, please take good care of the probes and pods as they are expensive!). There is a \$40 late fee if we have already charged your bursar's account when the kit is finally returned. Note that the Bursar's office charges an additional \$5 fee for charges of \$10 or less. All additional components signed out at project time must be returned at the same time as the lab kits.

Contents of the Lab Kit (replacement costs shown in italics):

|             |                                     |   |
|-------------|-------------------------------------|---|
| (2) 74LS00  | (1) 1.8432 MHz oscillator           | (1) wire stripper ( <i>\$11</i> )             |
| (1) 74HC00  | (1) 7-segment LED display           | (1) IC extraction tool ( <i>\$6</i> )         |
| (1) 74LS04  | (1) dip switch                      | (1) long nose pliers ( <i>\$16</i> )          |
| (1) 74LS74  | (1) 10-pin header strip             | (2) scope probes ( <i>\$80 each</i> )         |
| (2) 74LS163 | (1) 6264 SRAM Memory                | (2) 8-pin analyzer pods ( <i>\$250 each</i> ) |
| (1) 74LS393 | (1) USB Flash Drive ( <i>\$20</i> ) | (1) protoboard ( <i>\$25</i> )                |

To check out a lab kit please complete the information below and bring this form to the Instrument Room, 38-601, during normal business hours.

NAME: \_\_\_\_\_ MIT ID #: \_\_\_\_\_

TERM ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_ EMAIL: \_\_\_\_\_

I certify that I have read and understood the *Electrical Safety Instructions for Staff and Students in EECS Instructional Laboratories* and *Basic Electrical Safety Practices*, and I agree to abide those rules at all times while I am enrolled in 6.111.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_