Digital Logic   Homework #15

DUE: Monday, November 18

Objective

Learn about counters.

To Do

1) Design a "decade" counter using your 74HC163 and other IC's. Your design should count from 0 to 9, assert an output, reset itself, and repeat. Hint: Look at the description of the output signals in the 74HC163 data sheet.
2) Wire up your circuit and verify correct operation.

Turn In

- This assignment sheet.
- Your design in schematic form.
- Comments on lessons learned when designing and wiring this circuit.