Using Altera's MAX+PLUS II

- Hamblen 1 covered before
- Hamblen 2 The UP1 CPLD Board
 - Also see following slides
- Hamblen 4 Tutorial II: Sequential Design and Hierarchy
 - Using the UP1core hex to 7 segment decoder in a design
 - Using buses
 - Timing analysis for registered performance
 - Testing the design, redesigning to fix the switch contact bounce
- Hamblen 5 UP1core Library Functions
 - Hex to 7 Segment Decoder, Pushbutton Debouncer, Pushbutton Single Pulse

Altera UP 1 Education Board (cont.)

- Resources available for 7128
 - 2 push-button switches (active low)
 - 2 octal dip-switches (active low)
 - 16 LEDs (active low)
 - Two-digit 7-segment display (active low)
 - Expansion port (left side of board)
 - Connect to female headers around chip
- Resources available for 10K20
 - 2 push-button switches (active low)
 - 1 octal dip-switch (active low)
 - Two-digit 7-segment display (active low)
 - VGA port, mouse port
 - 3 expansion port (right side of board)
 - Connect to female headers around chip

Altera UP 1 Education Board

