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// Top-level module that defines the I/Os for the DE-1 SoC board

module DE1_SoC (HEX0, HEX1, HEX2, HEX3, HEX4, HEX5, KEY, LEDR, SW);
  output logic [6:0] HEX0, HEX1, HEX2, HEX3, HEX4, HEX5;
  output logic [9:0] LEDR;
  input  logic [3:0] KEY;
  input  logic [9:0] SW;

  UPC(.discounted(LEDR[1]), .stolen(LEDR[0]), .u(SW[9]), .p(SW[8]), .c(SW[7]),
    .m(SW[0]));
  assign HEX0 = '1;
  assign HEX1 = '1;
  assign HEX2 = '1;
  assign HEX3 = '1;
  assign HEX4 = '1;
  assign HEX5 = '1;
endmodule
```