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timescale 1ns / 1ps
/*****
*
* Module: stopwatch_top
*
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*
* Description: Sets switches, buttons and the display to the data in stopwatch
module usable on the fpga board.
*
*
*****/
`default_nettype none

module stopwatch_top(
input wire logic sw, clk, btnc,
output logic[7:0] segment,
output logic[3:0] anode
);

    logic[3:0] digit0, digit1, digit2, digit3;
    Stopwatch SW0(.clk(clk), .reset(btnc), .run(sw), .digit0(digit0),
.digit1(digit1), .digit2(digit2), .digit3(digit3));
    SevenSegmentControl SSC0 (.segment(segment), .anode(anode), .reset(btnc),
.clk(clk), .dataIn({digit3, digit2, digit1, digit0}), .digitPoint(4'b0100),
.digitDisplay(4'b1111));

endmodule

```