



Electronic Clock - Multi-Function

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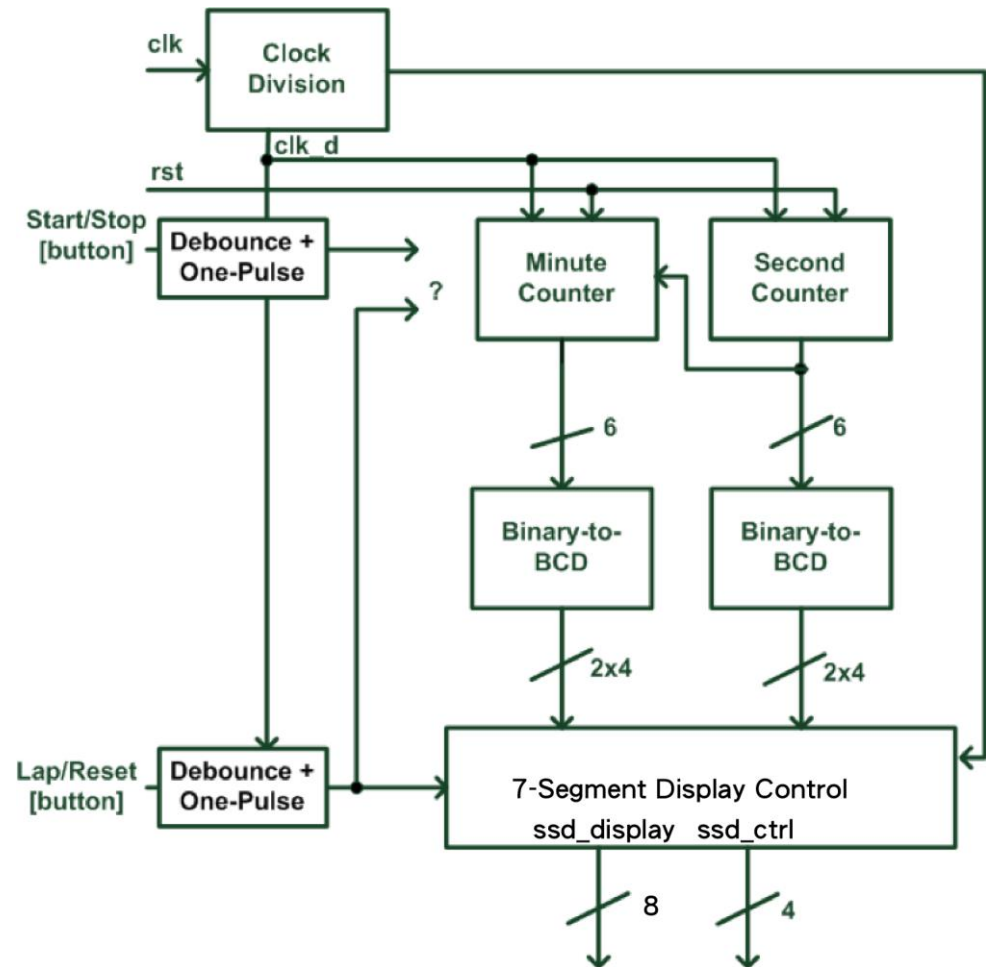
Timer



- Timer is a counter with carry propagation.
 - Second : 0~59
 - Minute : 0~59
 - Hour : 0~23
- Lab 7.1 : Stopwatch with lap. (minute : second)
- Lab 7.2 : Timer with setting. (hour: minute)
- Lab 7.3 (Bonus) : Integration of Stopwatch and Timer.

Stopwatch

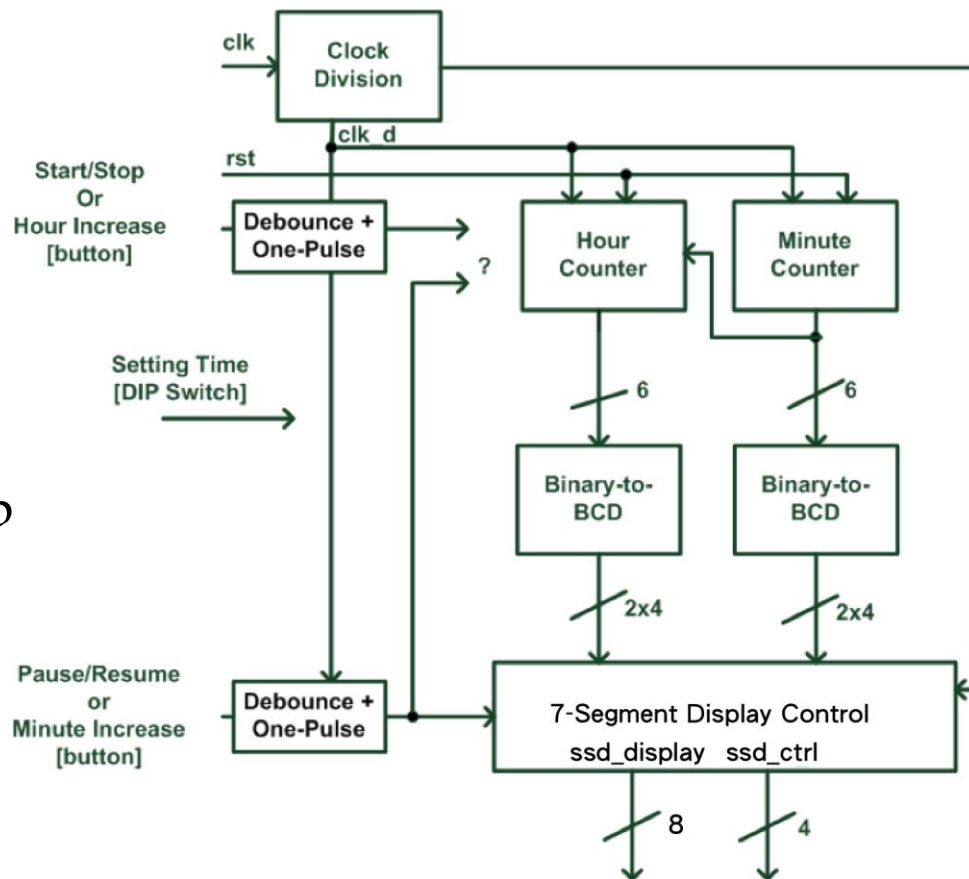
- Stopwatch
 - Start/Stop function
 - Lap/Reset button freezes the 7-segment LED display
 - When counting
 - Lap/Reset button resets the counter to zero.



Timer



- Timer (Hour : Minute)
 - DIP switch is on
 - Press Button 1 to increase hour counter
 - Press Button 2 to increase minute counter
 - DIP switch is off
 - Press Button 1 for start/stop control
 - Press Button 2 for pause/resume control



Stopwatch and Timer

