

Stopwatches and timers

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Stopwatches

- Two states
 - 'Stop' (initial state) and 'Start'
- The 'lap' function is only meaningful at 'Start' state
 - A register for 'lap' function
 - Not lap: Display down-counting number
 - Lap: Display the very number when pressed but still down-counting in background
- The 'reset' function is only meaningful at 'Stop' state
- De-Skew and one-pulse circuits



Timers

- When 'Setting'
 - One-pulse?
 - Accelerating the number setting?
- When operation
 - Three states
 - 'Start', 'Stop'(the time goes to 0), 'Pause' (the time remains when pressed)

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