

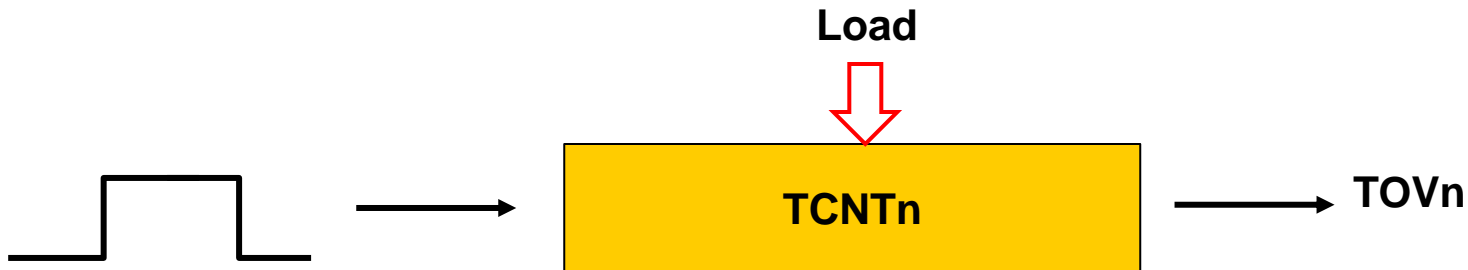
# Peripheral Modules: TIMERS

## Events on timers

### Overflow:

The event occurs when the timer reaches its maximum value ( $2^{\text{sizeTCNTn}} - 1$ ) and restarts to zero.

The flag **TOVn** (Timer / Counter Overflow) is indicated by the high setting.



**TCNTn** can be pre-loaded with a value between 0 and maximum value so that the TOVn flag is generated at different time intervals.