

TCA_TIMER

1. Operation Outline

Lighting or lighting-out of the LED is switched every setting interval using the Timer mode of TCA timer.

2. Each Setting

Timer register : default = 0x0200

main.c: Changing the value of "#define TCA_TIMER_INTERVAL" allows changing the interval.

Source clock : default = fcgck/2

main.c: Changing the value of "#define TCA_TIMER_CLK" allows changing the operation clock.

Noise cancellation : default = Enable (fcgck/2)

main.c: Changing the value of "#define TCA_TIMER_NOIZE" allows changing the noise cancellation setting.

LED : LED0 (Port25)

Timer interrupt : INTTCA0

3. Basic Operation

Lighting or lighting-out of LED0 is switched every interval according to the timer register and source clock.

4. Note

None.