

TCA_WINDOWS

1. Operation Outline

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

2. Each Setting

Input pulse to TCA0 pin : default = 500 [kHz]

Trigger edge : default = H level

main.c: Changing the value of "#define TCA_WINDOWS_EDGE" allows changing the trigger edge.

Source clock : default = fcgck/2

main.c: Changing the value of "#define TCA_WINDOWS_CLK" allows changing the source clock.

Noise cancellation : None

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

Trigger input : TCA0 (Port72)

LED : LED3 (Port11)

Timer interrupt : INTTCA0

3. Basic Operation

Lighting or lighting-out of LED3 is switched every interval according to the input pulses and source clock.

4. Note

None.