PSoC

12+

012

Blinking LED by SleepTimer

psoc#010

1x **Basic Set**

1x Sleep Timer

Properties – SleepTimer_1
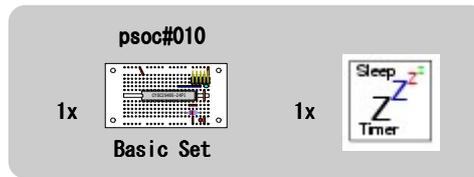
Name	SleepTimer_1
User Module	SleepTimer
Version	1.0
TickCounterSize	4 Bytes

Name
Indicates the name used to identify this ...

Pinout – psoc012

P1[3]	Port_1_3, StdCPU, Stror
Name	Port_1_3
Port	P1[3]
Select	StdCPU
Drive	Strong
Interrupt	DisableInt
P1[4]	Port_1_4, StdCPU, High

main.c

```c
void main()
{
        BYTE port1=0x00;        // Port1 data = 0

        M8C_EnableGInt;         // Turn on interrupts
        SleepTimer_1_Start();
        SleepTimer_1_SetInterval(SleepTimer_1_8_HZ);
        SleepTimer_1_EnableInt();       // interrupt 8 Hz rate

        PRT1DR = port1;         // Port1 initialize
        while(1) {
                PRT1DR = (port1^=0x08); // Port0[3] invert
                SleepTimer_1_SyncWait(4, SleepTimer_1_WAIT_RELOAD);
        }
}
```

CY8C29466-24PI