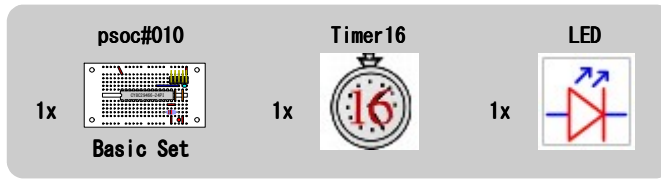




12+

014

Blinking LED  
by TimerInterrupt



Properties - Timer16_1	
Name	Timer16_1
User Module	Timer16
Version	2.6
Clock	CPU_32_KHz
Capture	Low
TerminalCountOut	None
CompareOut	None
Period	16383
CompareValue	8191
CompareType	Less Than Or Equal
InterruptType	Compare True
ClockSync	Sync to SysClk
TC_PulseWidth	Full Clock
InvertCapture	Normal

Properties - LED_1	
Name	LED_1
User Module	LED
Version	1.2
Port	Port_1
Pin	Port_1_3
Drive	Active Low

```
Timer16_1INT.asm
_Timer16_1_ISR:
    ljmp _timer16_1_int_func
    reti
```

```
main.c
#pragma interrupt_handler timer16_1_int_func
void timer16_1_int_func(void)
{
    LED_1_Invert(); // interval 1/2 sec.
}

void main()
{
    LED_1_Start();
    Timer16_1_Start();
    Timer16_1_EnableInt(); // enable timer interrupt
    M8C_EnableGInt; // enable global interrupt
    for (;;)
}
```

