

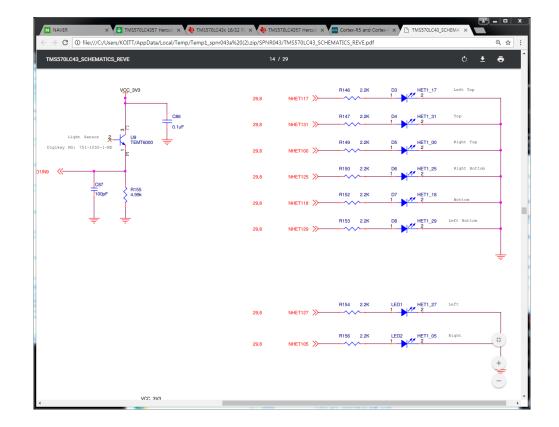
gioSetDirection

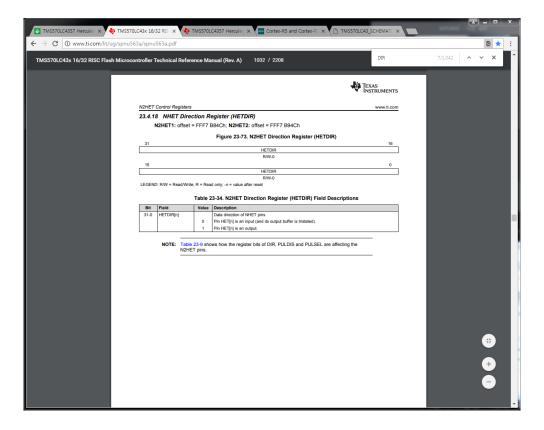
```
gioSetDirection(hetPORT1, 0xFFFFFFFF);

#define hetPORT1 ((gioPORT_t *)0xFFF7B84CU)

void gioSetDirection(gioPORT_t *port, uint32 dir)
{
    port->DIR = dir;
}
```

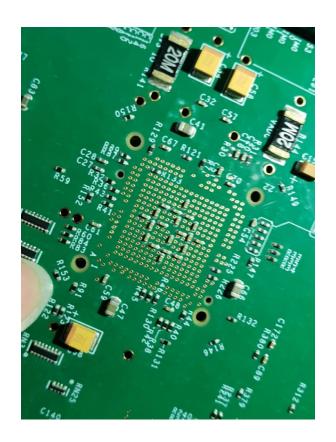
gioSetDirection





gioSetDirection





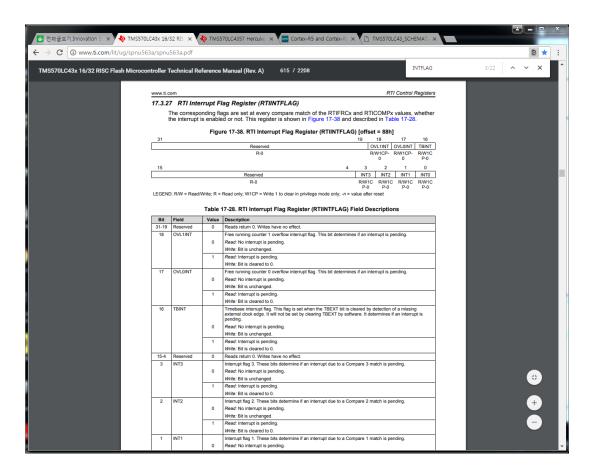
RTI

rtiEnableNotification(rtiREG1, rtiNOTIFICATION_COMPARE0)

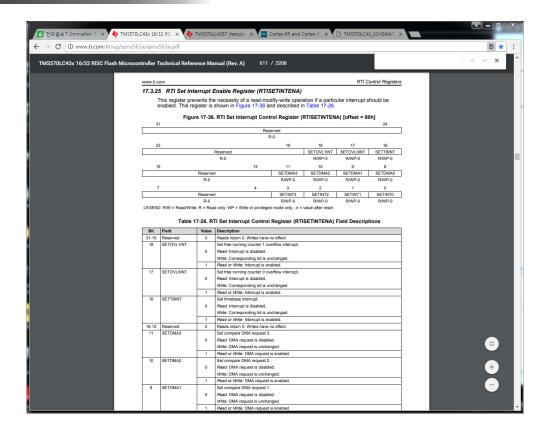
#define rtiNOTIFICATION_COMPARE0 1U

rtiREG->INTFLAG = notification;

rtiREG->SETINTENA = notification;



RTI



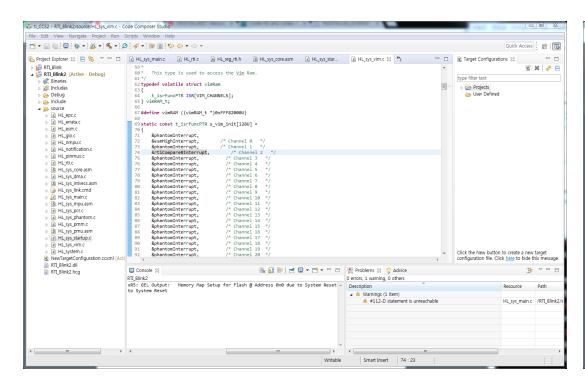
IRQ

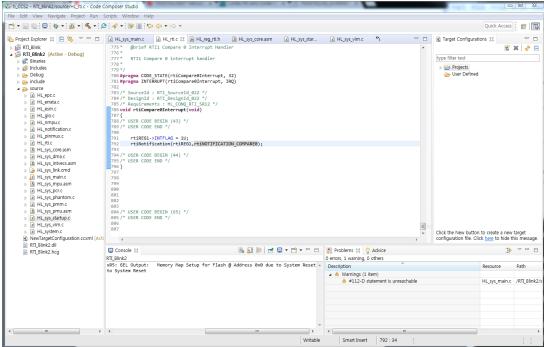
```
_enable_IRQ_interrupt_();

cpsie i

bx | Ir
```

IRQ





문제

| 17 | 31 | 0 |
|----|----|---|
| 27 | | 5 |
| 29 | 18 | 2 |

A A 0 6 0 0 2 1

1010 1010 0000 0110 0000 0000 0010 0001

문제

1. N2HET 을 활용해 LED 8 개 전부 키기

gioSetPort(hetPORT1, gioGetPort(hetPORT1) ^ 0xAA020021);

2. LED 를 뱀처럼 1 개 키고 그 다음거 키고(2 개 켜짐) 그 다음거 키고 (3개 켜짐) 마지막에 8 개 키고 다시 반복

```
if(count == 8)
{
    gioSetPort(hetPORT1, 0x00000000);
    count = 0;
    return;
}
gioSetPort(hetPORT1, gioGetPort(hetPORT1) ^ GIO_het[count++]);
```

문제

3. LED 를 순서대로 1 개씩 키기(다음거 킬때 기존에 켜져 있던것이 꺼져야함)

4. 랜덤으로 LED 가 켜지게 함