```
uint8_t Button1_GetState()
   static uint8_t prevState = 1;
   uint8_t curState = BUTTON_PIN & (1<<BUTTON_NEXT);</pre>
                   00000000
                                                     792 行纪然
   if((curState == 0) && (prevState == 1))
      prevState = 0;
      return 0;
   else if((curState != 0) && (prevState == 0))
                                                   7693 2299
       prevState = 1;
       return 1;
   return 0:
```

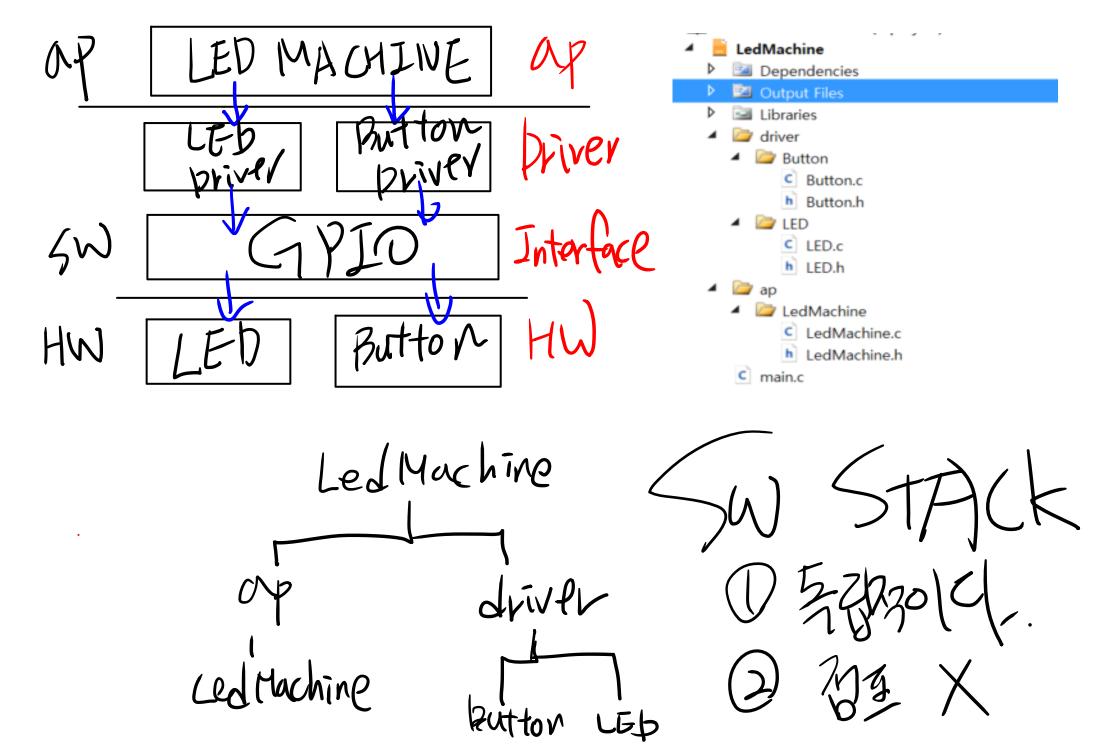
实为现 4180, 24612) MAA SW 31/21 HN 7/4/1/61

```
uint8_t Button1_GetState()
                                                            juint8_t Button2_GetState()
    static uint8 t prevState = 1;
                                                               static uint8 t prevState = 1;
    uint8 t curState = BUTTON PIN & (1<<BUTTON NEXT);</pre>
                                                                 uint8_t curState = BUTTON_PIN & (1<<BUTTON_PREV);</pre>
    if((curState == 0) && (prevState == 1))
                                                                 if((curState == 0) && (prevState == 1))
        _delay_ms(10);
                                                                     _delay_ms(10);
        prevState = 0;
                                                                     prevState = 0;
                                                                     return 1;
        return 1;
                                                                 else if((curState != 0) && (prevState == 0))
    else if((curState != 0) && (prevState == 0))
                                                                     delay ms(10);
        _delay_ms(10);
                                                                     prevState = 1;
        prevState = 1;
                                                                     return 0;
        return 0;
                                                                 return 0;
    return 0;
```

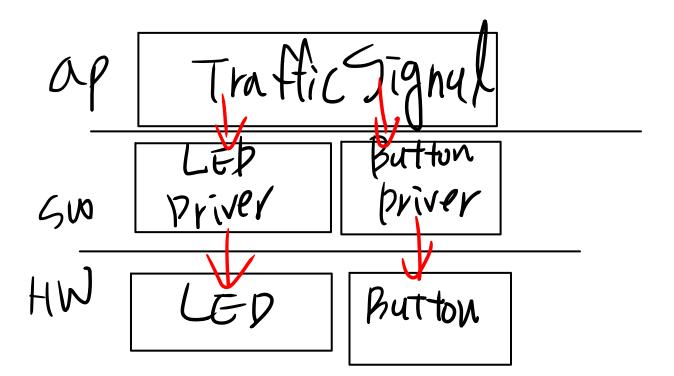
1. praktute 2. PIN

3. Pin Number

```
void Button_init(button_t *btn, volatile uint8_t *ddr,
 typedef struct _button
                                  volatile uint8_t *pin, uint8_t pinNum)
    volatile uint8_t *DDR;
                                                        button_t + b+n= 2 bt1
                                      btn->DDR = ddr;
  volatile uint8_t *PIN;
                                      btn->PIN = pin;
                                                                             NOXT,
   uint8_t pinNum;
                                      btn->pinNum = pinNum;
                                                                  uint 8-t Addr
     uint8_t prevState;
                                      btn->prevState = RELEASED;
 }button t;
                                      *btn->DDR &= ~(1<<btn->pinNum);
                                                                           = & DDRA)
                                                                  List B-t XPM
button_t btnNext , btnPrev;
                                                     prevsate
                                                                         = & PJNA,
                                                    Pin NIAM
Button_init(&btnNext, &DDRA, &PINA, 0);
Button_init(&btnPrev, &DDRA, &PINA, 1); M
                                                                   with I PA Mum
                                                    MPIN
                                                    * PPR
                           Ltnprev
```







STAND Light SW STACK 5tort benMado STANd light Light bthMode priver Driver GW) btnoff HW Button btnoff btn of benthat btnoff SotnMade lotn Mode

1. Button - get State) 社分場的 Button - Thit 2. Led Muchine FSM/GWSTACK 622 对的处理 3. Traffic Signal UN VEOLD 4. Stand Light 0527