实验2-任務2

**#include** <msp430.h>

**unsigned** **int** i;

**unsigned** **int** j;

**const** **char** LEDdeta1[8]={0x08,0x04,0x20,0x10,0x80,0x40,0x02,0x01};

**const** **char** LEDdeta2[4]={0x28,0x14,0x41,0x82};

**int** **main**(**void**)

{

WDTCTL = WDTPW | WDTHOLD; // stop watchdog timer

P2SEL = 0x00;

P2SEL2 = 0x00;

P2DIR = 0xff;

**for**(;;){

**for**(i=0;i<8;i++){

P2OUT=~LEDdeta1[i];

**for**(j=0xffff;j>0;j--);

}

**for**(i=0;i<4;i++){

P2OUT=~LEDdeta2[i];

**for**(j=0xFFFF;j>0;j--);

}

}

**return** 0;

}

实验2-任務3

**#include** <msp430.h>

**unsigned** **int** j;

**int** **main**(**void**)

{

WDTCTL = WDTPW | WDTHOLD; // stop watchdog timer

P2SEL &=~(BIT1+BIT2+BIT3+BIT4+BIT5);

P2SEL2 &=~(BIT1+BIT2+BIT3+BIT4+BIT5);

P2DIR |=(BIT1+BIT2+BIT3+BIT4+BIT5);

P2OUT |=(BIT1+BIT2+BIT3+BIT4+BIT5);

**for**(;;){

P2OUT &=~(BIT5+BIT2);

**for**(j=0xFFFF;j>0;j--);

P2OUT |=(BIT5+BIT2);

**for**(j=0xFFFF;j>0;j--);

P2OUT &=~(BIT3+BIT4+BIT1);

**for**(j=0xFFFF;j>0;j--);

P2OUT |=(BIT3+BIT1+BIT4);

**for**(j=0xFFFF;j>0;j--);

P2OUT &=~(BIT3+BIT2);

**for**(j=0xFFFF;j>0;j--);

P2OUT |=(BIT3+BIT2);

**for**(j=0xFFFF;j>0;j--);

P2OUT &=~(BIT5+BIT4);

**for**(j=0xFFFF;j>0;j--);

P2OUT |=(BIT5+BIT4);

**for**(j=0xFFFF;j>0;j--);

P2OUT |=(BIT1+BIT2+BIT3+BIT4+BIT5);

**for**(j=0xFFFF;j>0;j--);

}

**return** 0;