#define LED1\_ON() (LPC\_GPIO2->DATA &= ~(1<<0)) // ?????P1.0?LED

#define LED1\_OFF() (LPC\_GPIO2->DATA |= (1<<0)) // ?????P1.0?LED

Nnnnnnnnnnnnnn.

#define LED2\_OFF() (LPC\_GPIO2->DATA |= (1<<1)) // ?????P1.1?LED

#define LED3\_ON() (LPC\_GPIO2->DATA &= ~(1<<2)) // ?????P1.0?LED

#define LED3\_OFF() (LPC\_GPIO2->DATA |= (1<<2)) // ?????P1.0?LED

#define LED4\_ON() (LPC\_GPIO2->DATA &= ~(1<<3)) // ?????P1.0?LED

#define LED4\_OFF() (LPC\_GPIO2->DATA |= (1<<3)) // ?????P1.0?LED

#define LED5\_ON() (LPC\_GPIO2->DATA &= ~(1<<4)) // ?????P1.0?LED

#define LED5\_OFF() (LPC\_GPIO2->DATA |= (1<<4)) // ?????P1.0?LED

#define LED6\_ON() (LPC\_GPIO2->DATA &= ~(1<<5)) // ?????P1.0?LED

#define LED6\_OFF() (LPC\_GPIO2->DATA |= (1<<5)) // ?????P1.0?LED

#define LED7\_ON() (LPC\_GPIO2->DATA &= ~(1<<6)) // ?????P1.0?LED

#define LED7\_OFF() (LPC\_GPIO2->DATA |= (1<<6)) // ?????P1.0?LED

#define LED8\_ON() (LPC\_GPIO2->DATA &= ~(1<<7)) // ?????P1.0?LED

#define LED8\_OFF() (LPC\_GPIO2->DATA |= (1<<7)) // ?????P1.0?LED

int i;

void LedInit(void)

{

int i;

LPC\_SYSCON->SYSAHBCLKCTRL |= (1<<16); //IOCONÊ±ÖÓÊ¹ÄÜ

LPC\_IOCON->PIO2\_0 &= ~0x07; //2.0¿Ú ³õÊ¼»¯

LPC\_IOCON->PIO2\_0 |= 0x00; //2.0¿ÚÉèÖÃÎªGPIO

LPC\_IOCON->PIO2\_1 &= ~0x07;

LPC\_IOCON->PIO2\_1 |= 0x00;

LPC\_IOCON->PIO2\_2 &= ~0x07;

LPC\_IOCON->PIO2\_2 |= 0x00;

LPC\_IOCON->PIO2\_3 &= ~0x07;

LPC\_IOCON->PIO2\_3 |= 0x00;

LPC\_IOCON->PIO2\_4 &= ~0x07;

LPC\_IOCON->PIO2\_4 |= 0x00;

LPC\_IOCON->PIO2\_5 &= ~0x07;

LPC\_IOCON->PIO2\_5 |= 0x00;

LPC\_IOCON->PIO2\_6 &= ~0x07;

LPC\_IOCON->PIO2\_6|= 0x00;

LPC\_IOCON->PIO2\_7 &= ~0x07;

LPC\_IOCON->PIO2\_7 |= 0x00;

LPC\_SYSCON->SYSAHBCLKCTRL &= ~(1<<16);

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

LPC\_GPIO2->DIR |= (1<<i); //

LPC\_GPIO2->DATA |= (1<<i); //

}

}

/\*void LeedInit()

{

LPC\_SYSCON->SYSAHBCLKCTRL |=(1<<16);

LPC\_IOCON->PIO2\_0&=~0x07;

LPC\_IOCON->PIO2\_0|=0x00;

LPC\_SYSCON->SYSAHBCLKCTRL&=~(1<<16);

LPC\_SYSCON->SYSAHBCLKCTRL|=(1>>6);

LPC\_GPIO2->DIR|=LED;

LPC\_GPIO2->DATA|=LED;

}\*/

void T32B1\_Init(void)

{

LPC\_SYSCON->SYSAHBCLKCTRL|=(1<<10);//Ê¹ÄÜÊ±ÖÓ

LPC\_TMR32B1->IR=0x01;

LPC\_TMR32B1->MCR=0X04;

}

void T32B1\_DelayMs(uint16\_t ms)

{

LPC\_TMR32B1->TCR=0x02;//Çå0

LPC\_TMR32B1->PR=0;

LPC\_TMR32B1->MR0= ms\*(SystemCoreClock/1000);

LPC\_TMR32B1->TCR=0x01;//Æô¶¯¶¨Ê±Æ÷

while(LPC\_TMR32B1->TCR&0X01);

}

int main()

{

LedInit();

T32B1\_Init();

while(1)

{

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

{

LPC\_GPIO2->DATA &=~ (1<<i); //

T32B1\_DelayMs(5001);

LPC\_GPIO2->DATA|= (1<<i);

}

}

}