

# STEPPER\_MOTOR

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```
#include<lpc214x.h>

unsigned long int delay;

void dly(unsigned int dly);

int i;

unsigned char dir_fl;

int main(void)
{
    IOODIR=0xFFFFFFFF;

    dir_fl=0;

    while(1){
        if(dir_fl==0){
            IOOSET=0X3;

            dly(2);

            IOOCLR=0X3;

            IOOSET=0X6;

            dly(2);

            IOOCLR=0X6;

            IOOSET=0XC;

            dly(2);

            IOOCLR=0XC;

            IOOSET=0X9;

            dly(2);

            IOOCLR=0X9;

        }

        else if(dir_fl==1){
            IOOSET=0X9;
```

```

dly(2);

IO0CLR=0X9;

IO0SET=0Xc;

dly(2);

IO0CLR=0Xc;

IO0SET=0X6;

dly(2);

IO0CLR=0X6;

IO0SET=0X3;

dly(2);

IO0CLR=0X3;

```

```

}} }

```

```

void dly(unsigned int dly)

```

```

{
    for(i=0;i<=dly;i++)
    {
        for(delay=0;delay<=1500000;delay++);
    }
}

```

