

```
1 #include <AT89x52.h>
2 #include <stdio.h>
3 #include <math.h>
4 #include <intrins.h>
5 float f; //频率
6 float p; //周期
7 float sj; //闸门时间
8 char idata buff[20];
9 char flag=0; //频率\周期选择标志位
10 char xs=0; //设置闸门时间结束后是否显示结果的标志位
11 unsigned char m=0,n=0,yichu=0,fenpin; //m定时中断次数 n计数中断次数 yichu判断是定时器还是计数器溢出
12
13 #define Key_Set P1
14 #define K1 0xbf
15 #define K2 0x7f
16 #define NO_Set 0xff
17 #define Freq 0
18 #define Peri 1
19
20 sbit B153=P2^4;
21 sbit A153=P2^3;
22 sbit P17=P1^7;
23 sbit P16=P1^6;
24 sbit P35=P3^5;
25 sbit Set=P3^2;
26
27
28
29 unsigned char LCD_Wait(void);
30 void LCD_Write(bit style, unsigned char input);
31 void LCD_SetDisplay(unsigned char DisplayMode);
32 void LCD_SetInput(unsigned char InputMode);
33 void LCD_Initial();
34 void GotoXY(unsigned char x, unsigned char y);
35 void Print(unsigned char *str);
```

