

累计流水灯

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1  #include<reg51.h>
2  #include<intrins.h>
3  #define ledPort P2
4  int flag = 0;
5  sbit LED1 = P2^0;
6  sbit LED2 = P2^1;
7  sbit LED3 = P2^2;
8  sbit LED4 = P2^3;
9  sbit LED5 = P2^4;
10 sbit LED6 = P2^5;
11 sbit LED7 = P2^6;
12 sbit LED8 = P2^7;
13 unsigned char i;
14 void main()
15 {
16
17     TMOD=0x10;          //工作于方式1
18     EA=1;               // 中断允许
19     ET1=1;              // 中断1打开
20     TH1=(65536-50000)/256; // (65536-50000)/256=60.6875
21     TL1=(65536-50000)%256;
22     TR1=1;
23     i=0;                //用于控制流水灯跳转
24     while(1) {}
25 }
26
27 void timer1(void) interrupt 3
28 {
29     TH1=(65536-50000)/256;
30     TL1=(65536-50000)%256;
31     flag++;
32     if (flag==20)        //达到1s
33     {
194
195
196

```

