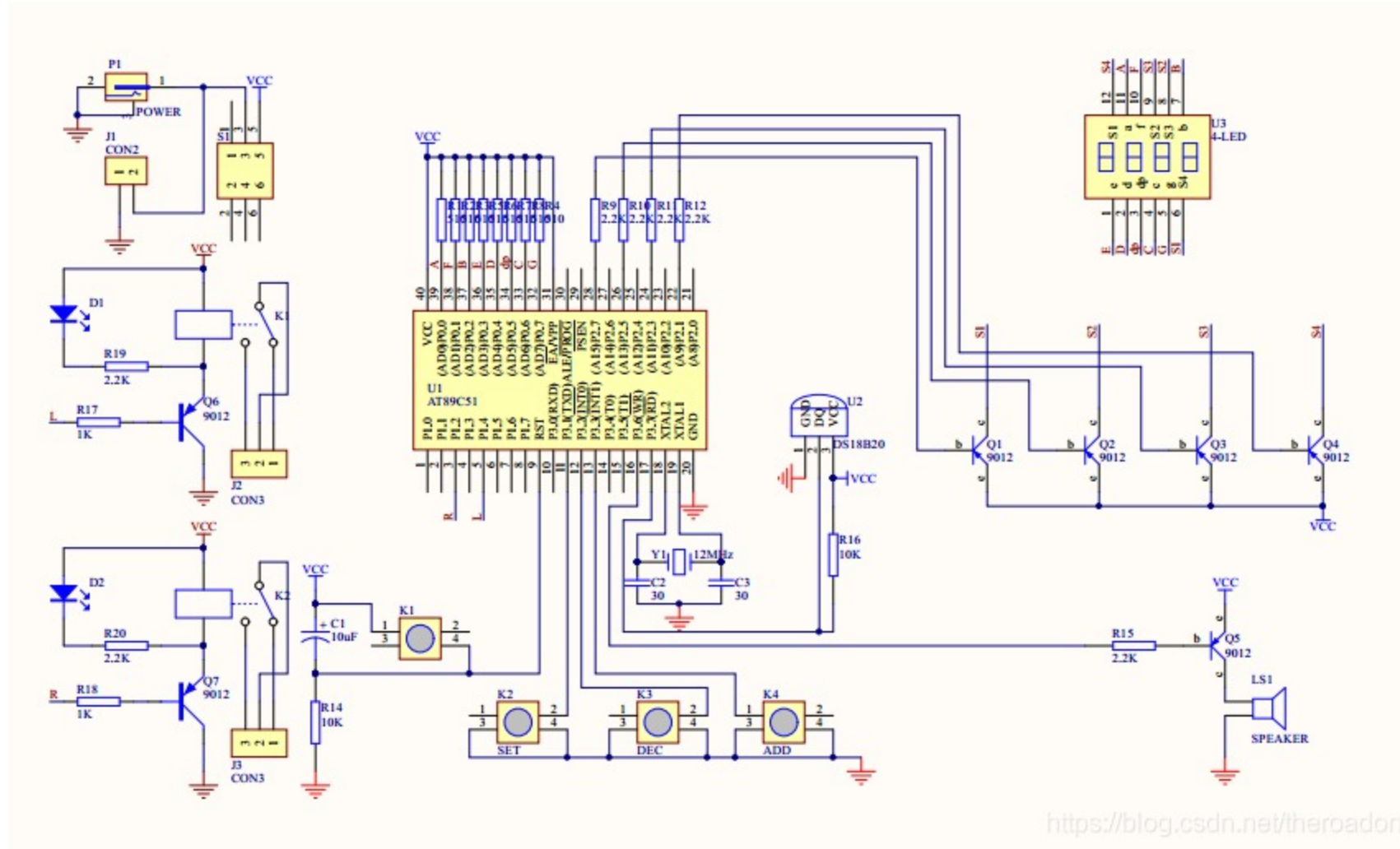
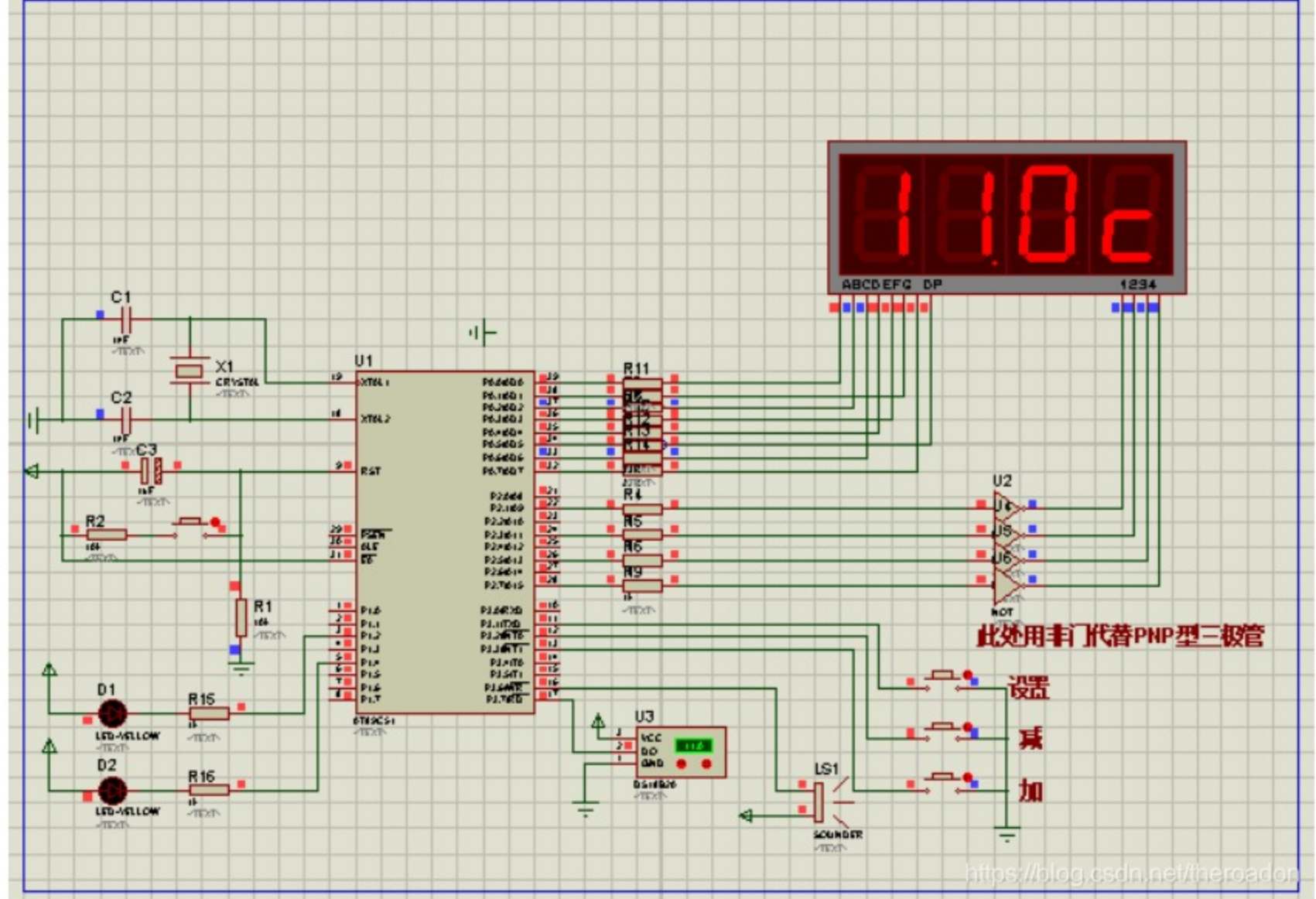




```
1  sbit DQ=P3^7;                //定义DS18B20总线I/O
2  bit shanshuo_st;             //闪烁间隔标志
3  bit beep_st;                 //蜂鸣器间隔标志
4  sbit DIAN = P0^5;            //小数点
5  uchar x=0;                   //计数器
6  signed char m;               //温度值全局变量
7  uchar n;                    //温度值全局变量
8  uchar set_st=0;              //状态标志
9  signed char shangxian=25;     //上限报警温度，默认值为38
10 signed char xiaxian=16;       //下限报警温度，默认值为5
11 //uchar code LEDData[]={0xC0,0xF9,0xA4,0xB0,0x99,0x92,0x82,0xF8,0x80,0x90,0xFF};
12 uchar code LEDData[]={0x5F,0x44,0x9D,0xD5,0xC6,0xD3,0xDB,0x47,0xDF,0xD7,0xCF,0xDA,0x9B,0xDC,0x9B,0x8B};
13
14 //=====
15 //=====DS18B20=====
16 //=====
17 /***** 延时子程序*****/
18 void Delay_DS18B20(int num)
19 {
20     while(num--);
21 }
22 /***** 初始化DS18B20*****/
23 void Init_DS18B20(void)
24 {
25     unsigned char x=0;
26     DQ = 1;                //DQ复位
27     Delay_DS18B20(8);       //稍微延时
28     DQ = 0;                //单片机将DQ拉低
29     Delay_DS18B20(80);      //精确延时，大于480us
30     DQ = 1;                //拉高总线
31     Delay_DS18B20(14);
32     x = DQ;                //稍微延时后，如果x=0则初始化成功，x=1则初始化失败
33     Delay_DS18B20(20);
34 }
35 /***** 读一个字节*****/
```