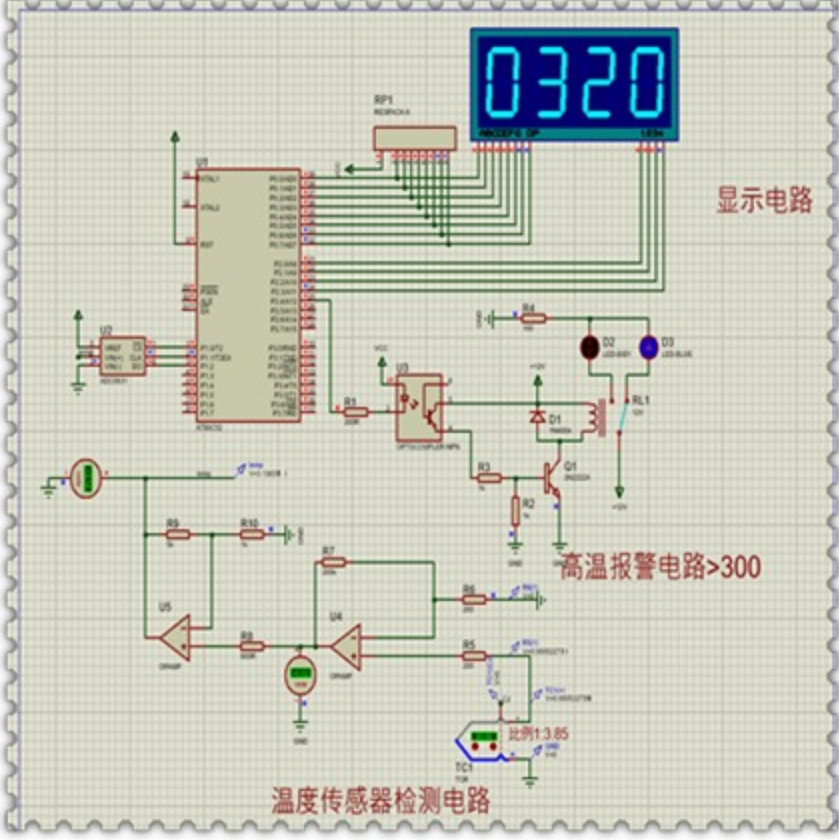




```
1 //头文件的声明
2 #include <reg51.h>
3 #include <stdio.h>
4 #include <intrins.h>
5
6
7 //宏定义温度上限变量
8 #define TempHigh 300
9
10
11 //定义数码管的位选通道，选择那个数码管显示
12 sbit w1=P2^0;
13 sbit w2=P2^1;
14 sbit w3=P2^2;
15 sbit w4=P2^3;
16
17 //定义继电器控制电路的IO口
18 sbit TempHighControl=P2^4;
19
20 //定义ADC0831和单片机的连接IO口
21 sbit CS_n=P1^0;
22 sbit CLK=P1^1;
23 sbit DIO=P1^2;
24
25 //用于数码管显示的码表
26 unsigned char code table[]=
27 {
28     0x3f,0x06,0x5b,0x4f,
29     0x66,0x6d,0x7d,0x07,
30     0x7f,0x6f,0x77,0x7c,
31     0x39,0x5e,0x79,0x71
32 };
33
34 //控制数码管显示，选择第几个数码管亮，add可取1-4
35 void wei(unsigned char add)
36 {
37     switch(add)
38     {
39         case 1:
40             w1=0;
41             w2=1;
```