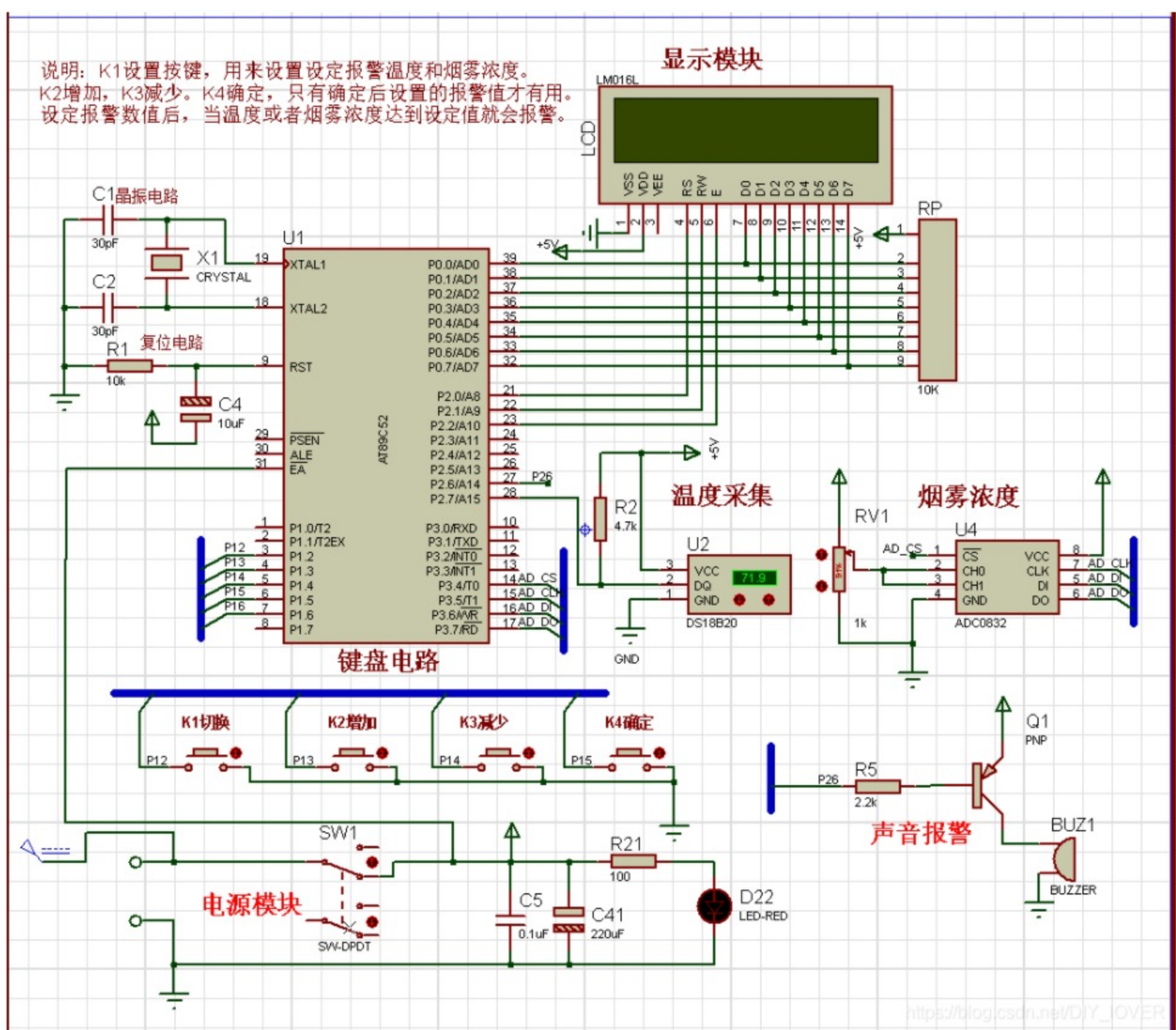


说明：K1设置按键，用来设置设定报警温度和烟雾浓度。
K2增加，K3减少。K4确定，只有确定后设置的报警值才有用。
设定报警数值后，当温度或者烟雾浓度达到设定值就会报警。



```
1 #include <reg52.h>
2 #include <stdio.h>
3 #include <intrins.h>
4 #include <absacc.h>
5 #include <ctype.h>
6 #include <math.h>
7 #include <string.h>
8 // #include "I2C.h"
9 #include "lcd1602.h"
10 #include "adc0832.h"
11
12 sbit K1= P1^2;
13 sbit K2= P1^3;
14 sbit K3= P1^4;
15 sbit K4= P1^5;
16 sbit K5= P1^6;
17 sbit K6= P1^7;
18 sbit DQ= P2^7;
19
20 sbit BUZZ= P2^6;
21
22
23 uchar tmpdisplay[8]; // 定义显示缓存数组
24 bit read_flag=0; // 定义读时钟标志位
25 bit mode=0; // 显示模式0 正常1 设定
26 uchar smoke[]="000";
27
28 uchar set_position=0;
29
30 uchar set_tempure=0; // 设定温度
31 uchar set_smokescope=0; // 设定浓度
32 int real_tempure=0; // 实际温度
33 uchar real_smokescope=0; // 实际烟雾浓度
34
35 uchar cursor_position=0; // 光标位置
36
37 uchar time_counter_50ms=0;
38 uchar smokescope=0;
39 uchar first_read_tempe=0; // 第一次读取温度数值
40
41
42 unsigned char t[2],*pt; // 用来存放温度值，测温程序就是通过这个数组与主函数通信的
43 unsigned char TempBuffer1[10]={0x2b,0x30,0x30,0x30,0x2e,0x30,0x30,0xdf,0x43,'\0'}; // {0x2b,0x31,0x32,0x32,0x2e,0x30,0x31,0x32,0x33,0x34}
44 // 显示实时温度，上电时显示+122.00C
45 /*
46 unsigned char TempBuffer0[16]={0x54,0x48,0x3a,0x2b,0x31,0x32,0x35,0x20,
47 0x54,0x4c,0x3a,0x2b,0x31,0x32,0x34,'\0'}; */
48 // 显示温度上下限，上电时显示TH:+125 TL:+124C
49 unsigned char code dotcode[4]={0,25,50,75};
```