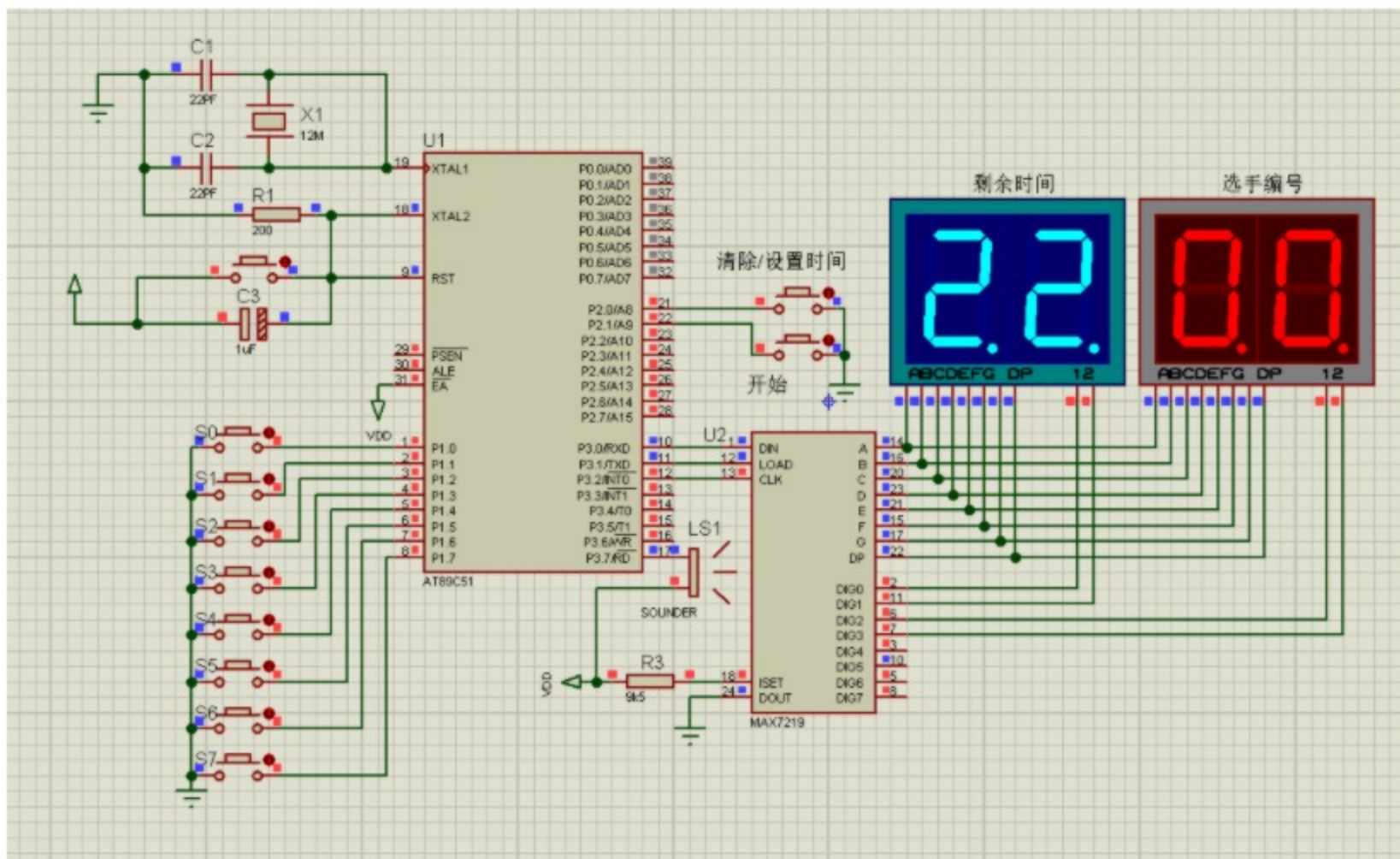




```

1  #include<reg51.h>
2
3  sbit DIN=P3^0;//与max7219接口定义
4  sbit LOAD=P3^1;
5  sbit CLK=P3^2;
6
7  sbit key0=P1^0;//8路抢答器按键
8  sbit key1=P1^1;
9  sbit key2=P1^2;
10 sbit key3=P1^3;
11 sbit key4=P1^4;
12 sbit key5=P1^5;
13 sbit key6=P1^6;
14 sbit key7=P1^7;
15
16 sbit key_clear=P2^0;//主持人时间设置、清除
17 sbit begin=P2^1;//主持人开始按键
18
19 sbit sounder=P3^7;//蜂鸣器
20
21 unsigned char second=30;//秒表计数值
22 unsigned char counter=0;//counter每100, minute加1
23 unsigned char people=0;//抢答结果
24
25 unsigned char num_add[]={0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08};//max7219读写地址、内容
26 unsigned char num_dat[]={0x80,0x81,0x82,0x83,0x84,0x85,0x86,0x87,0x88,0x89};
27
28 unsigned char keyscan();//键盘扫描函数
29 {
30     unsigned char keyvalue,temp;

```