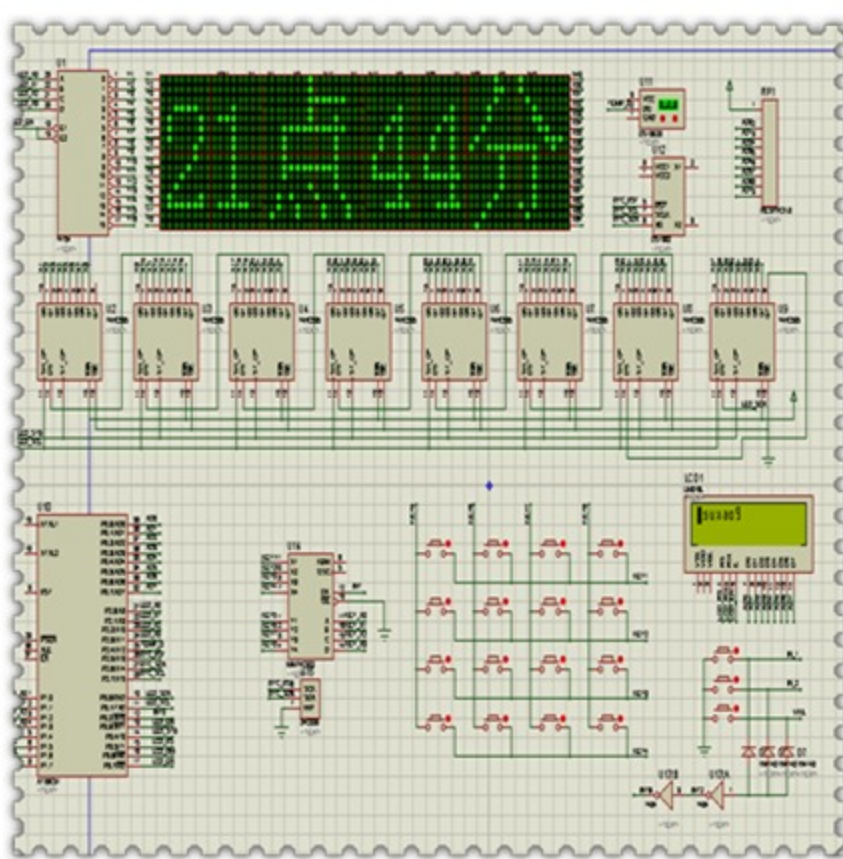




```
1 #include "..\INCLUDE\config.h"
2 #include "..\FONT\FONT.H"
3 uint8 Temp_Value;
4 void TEMP_Delay(uint16 i)
5 {
6     while(i--);
7 }
8 void TEMP_INITIALIZE()
9 {
10     DQ=1;
11     TEMP_Delay(8);
12     DQ=0;
13     TEMP_Delay(80);
14     DQ=1;
15     TEMP_Delay(14);
16     TEMP_Delay(20);
17 }
18
19 uint8 TEMP_Read_Char()
20 {
21     uint8 i;
22     uint8 dat;
23     for(i=0;i<8;i++)
24     {
25         DQ=0;
26         dat>>=1;
27         DQ=1;
28         if(DQ)
29             dat|=0x80;
30         TEMP_Delay(4);
31     }
32     return dat;
33 }
34
35 void TEMP_Write_Char(uint8 dat)
36 {
37     uint8 i;
38     for(i=0;i<8;i++)
39     {
40         DQ=0;
41         DQ=dat&0x01;
42         TEMP_Delay(5);
43         DQ=1;
44         dat>>=1;
45     }
46 }
47
48
49 void TEMP_Read()
50 {
51     uint8 a,b;
52     TEMP_INITIALIZE();
53     TEMP_Write_Char(0xcc);
54     TEMP_Write_Char(0x44);
55     TEMP_Delay(100);
```