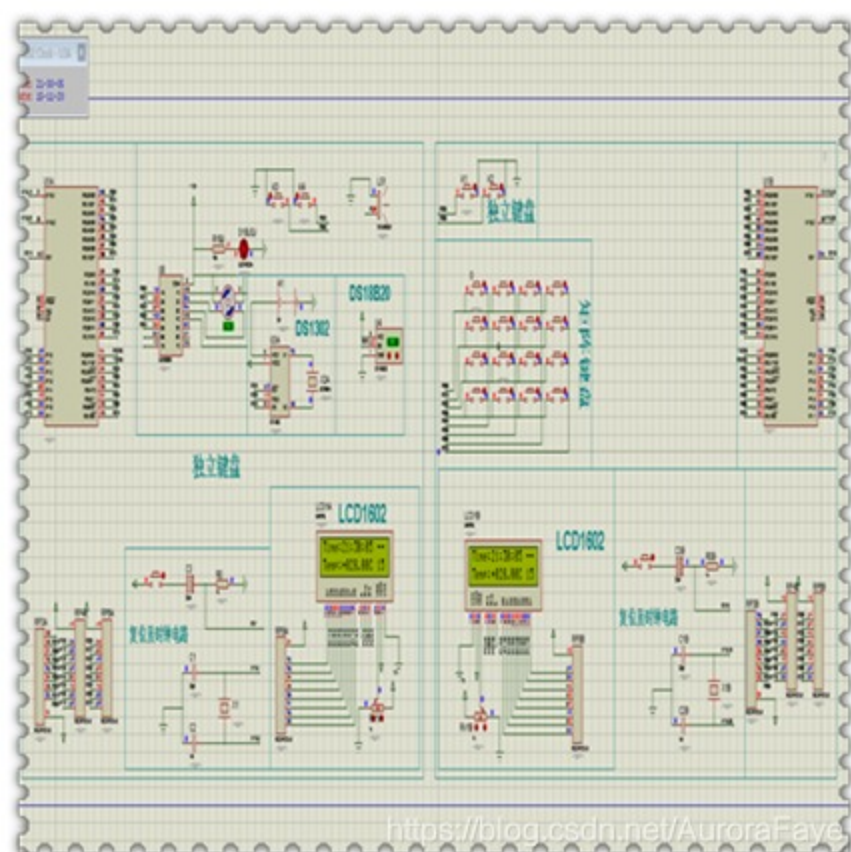


通过这次实验是我更加熟悉了LCD1602的显示和DS1302的写入和读取，步进电机的控制和蜂鸣器、矩阵键盘的工作原理，外部中断的使用，串口中断的使用，双机通信的原理，以及keil和Protues的应用。



```
1  C51源程序
2  A机程序
3  #include<reg51.h>
4  #define dj P0
5  #define lcd P1
6
7  sbit DQ=P3^7;
8
9  sbit RST=P2^2;
10 sbit SCLK=P2^3;
11 sbit IO=P2^4;
12
13 sbit fmq=P2^1;
14
15 sbit RS=P2^5;
16 sbit RW=P2^6;
17 sbit EN=P2^7;
18
19 sbit K3=P3^2;
20 sbit K4=P3^3;
21
22 unsigned char second,minute,hour,week,day,month,year;
23 unsigned char t1302[7]={0x15,0x11,0x20,0x47,0x21,0x30,0x00};
24 unsigned char code ggsj[]={0x00,0x01,0x02,0x03,0x04,0x05,0x06,0x07,0x08,0x09,
25                             0x10,0x11,0x12,0x13,0x14,0x15,0x16,0x17,0x18,0x19,
26                             0x20,0x21,0x22,0x23,0x24,0x25,0x26,0x27,0x28,0x29,
27                             0x30,0x31,0x32,0x33,0x34,0x35,0x36,0x37,0x38,0x39,
28                             0x40,0x41,0x42,0x43,0x44,0x45,0x46,0x47,0x48,0x49,
29                             0x50,0x51,0x52,0x53,0x54,0x55,0x56,0x57,0x58,0x59};
30 unsigned char zf0[5]="Time:";
31 unsigned char zf1[5]="Temp:";
32 unsigned char zf2[5]="Data:";
33 unsigned char zf3[5]="Week:";
34 unsigned char zf4[3]="><-";
35 unsigned char djsz[8]={0xfe,0xfc,0xfd,0xf9,0xfb,0xf3,0xf7,0xf6};
36 unsigned char xssj[]="0123456789:+- .CE><";
37 unsigned char jssj[8];
38 unsigned char sjsj[8];
39 unsigned char wdsj[8];
```

