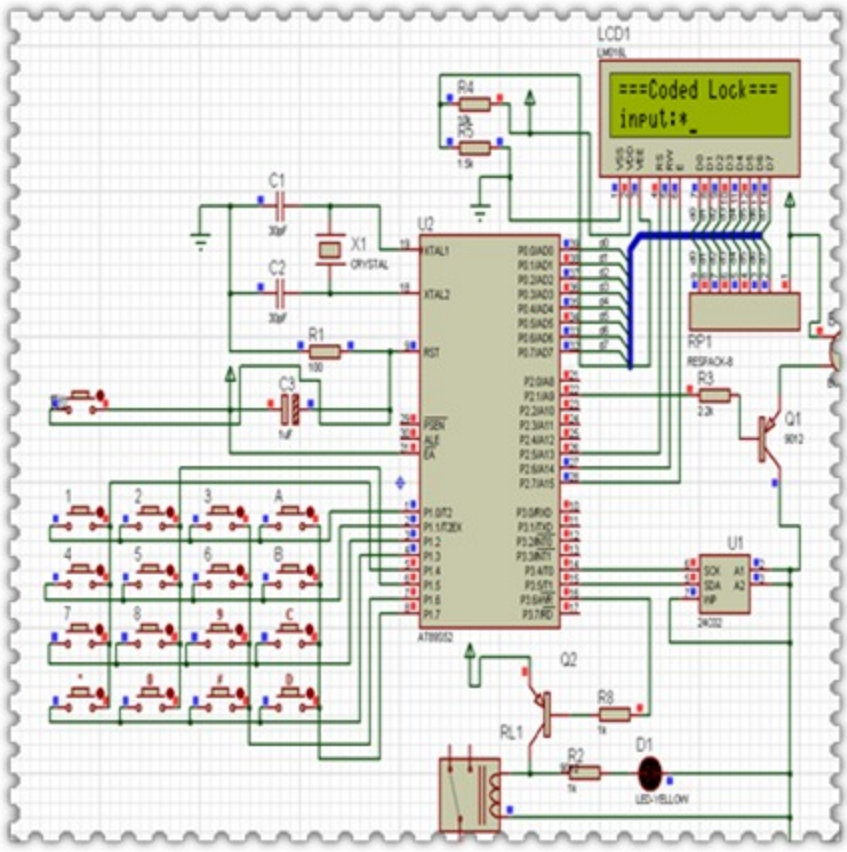


```c
//包含头文件
#include <REG51.h>
#include<intrins.h>
//宏定义
#define LCM_Data  P0             //将P0口定义为LCM_Data
#define uchar unsigned char
#define uint  unsigned int
//1602的控制脚
sbit lcd1602_rs=P2^5;
sbit lcd1602_rw=P2^6;
sbit lcd1602_en=P2^7;

sbit Scl=P3^4;          //24C02串行时钟
sbit Sda=P3^5;          //24C02串行数据

sbit ALAM = P2^1;       //报警
sbit KEY = P3^6;        //开锁

bit  pass=0;            //密码正确标志
bit  ReInputEn=0;       //重置输入允许标志
bit  s3_keydown=0;      //3秒按键标志位
bit  key_disable=0;     //锁定键盘标志

unsigned char countt0,second;   //t0中断计数器,秒计数器

void Delay5Ms(void);        //声明延时函数

unsigned char code a[]={0xFE,0xFD,0xFB,0xF7};               //控盘扫描控制表
//液晶显示数据数组
unsigned char code start_line[] = {"password:       "};
unsigned char code name[]       = {"===Coded Lock==="}; //显示名称
unsigned char code Correct[]    = {"     correct    "};     //输入正确
unsigned char code Error[]      = {"      error     "};     //输入错误
unsigned char code codepass[]   = {"      pass      "};
unsigned char code LockOpen[]   = {"      open      "};     //OPEN
unsigned char code SetNew[]     = {"SetNewWordEnable"};
unsigned char code Input[]      = {"input:          "};     //INPUT
unsigned char code ResetOK[]    = {"ResetPasswordOK "};
unsigned char code initword[]   = {"Init password..."};
unsigned char code Er_try[]     = {"error,try again!"};
```