

本设计是基于STC89C52单片机的指纹识别设计，采用AS608指纹模块做为传感器，LCD1602显示屏显示信息。具有指纹添加，指纹识别，删除指纹功能。是一款简单的指纹识别毕业设计设计，电路原理图和PCB以及程序完整。添加简单的电路可以拓展为其他的设计。

【资源下载】下载地址如下（926）：<https://docs.qq.com/doc/DTIRSd01BZXNpRUxl>



https://blog.csdn.net/DIY_IOVER

```
1  #include<reg51.h>
2  #include"lcd.h"
3  sbit D3= P1^3;
4  sbit D4= P1^4;
5  sbit k3=P1^0;
6  sbit k4=P1^1;
7  sbit k5=P1^2;
8  #define FALSE 0
9  #define TURE 1
10 #define MAX_NUMBER 30
11 #define _Nop() _nop_()
12
13 unsigned char code jiemian[16] = "Fingerprint lock";
14 unsigned char code success[15] = "Add finger OK";
15 unsigned char code faild[16] = "Add finger faild";
16 unsigned char code shownum[12] = "Finger_NUM:";
17 unsigned char code MODE1[16] = "Add finger mode";
18 unsigned char code MODE2[16] = "Identify mode";
19 unsigned char code MODE3[16] = "Connection OK";
20 unsigned char code MODE4[16] = "Connection Faild";
21 unsigned char code shibie1[16] = "Identify OK";
22 unsigned char code shibie2[16] = "Identify Faild";
23 unsigned char code del[16] = "DEL success";
24 unsigned char strnum[3]={0};
25 unsigned char SaveNumber=0,searchnum=0;
26 unsigned int SearchNumber=0,clk0=0;
27 bit modeflag= 0 , clearallflag=0, changeflag=0;
28 unsigned char num_char[10]={'0','1','2','3','4','5','6','7','8','9'};
29 //定义密码，实际上密码需要存在eeprom中，可以通过程序更改。请用户自行添加
30 unsigned char FifoNumber=0;
31 unsigned char idata FIFO[MAX_NUMBER+1]={0};
32 //常用指令定义/
33
34 //Verify Password : 验证设备握手口令
35 unsigned char code VPWD[16]={16,0X01 ,0Xff,0xff,0xff,0xff, 0x01,0,7,0x13,0x00,0x00,0x00,0x00,0x00,0x1b}; //回送12个
36
37 //设置设备握手口令
38 unsigned char code STWD[16]={16,0X01 ,0Xff,0xff,0xff,0xff, 0x01,0,7,0x12,0x00,0x00,0x00,0x00,0x00,0x1a}; //回送12个
39
40 //GetImage : 探测手指并从传感器上读入图像
41 unsigned char code GIMG[14]={12, 0X01 ,0Xff,0xff,0xff,0xff, 0x01, 0,3,1,0x00,0x05}; //回送12个
```