

硬件：

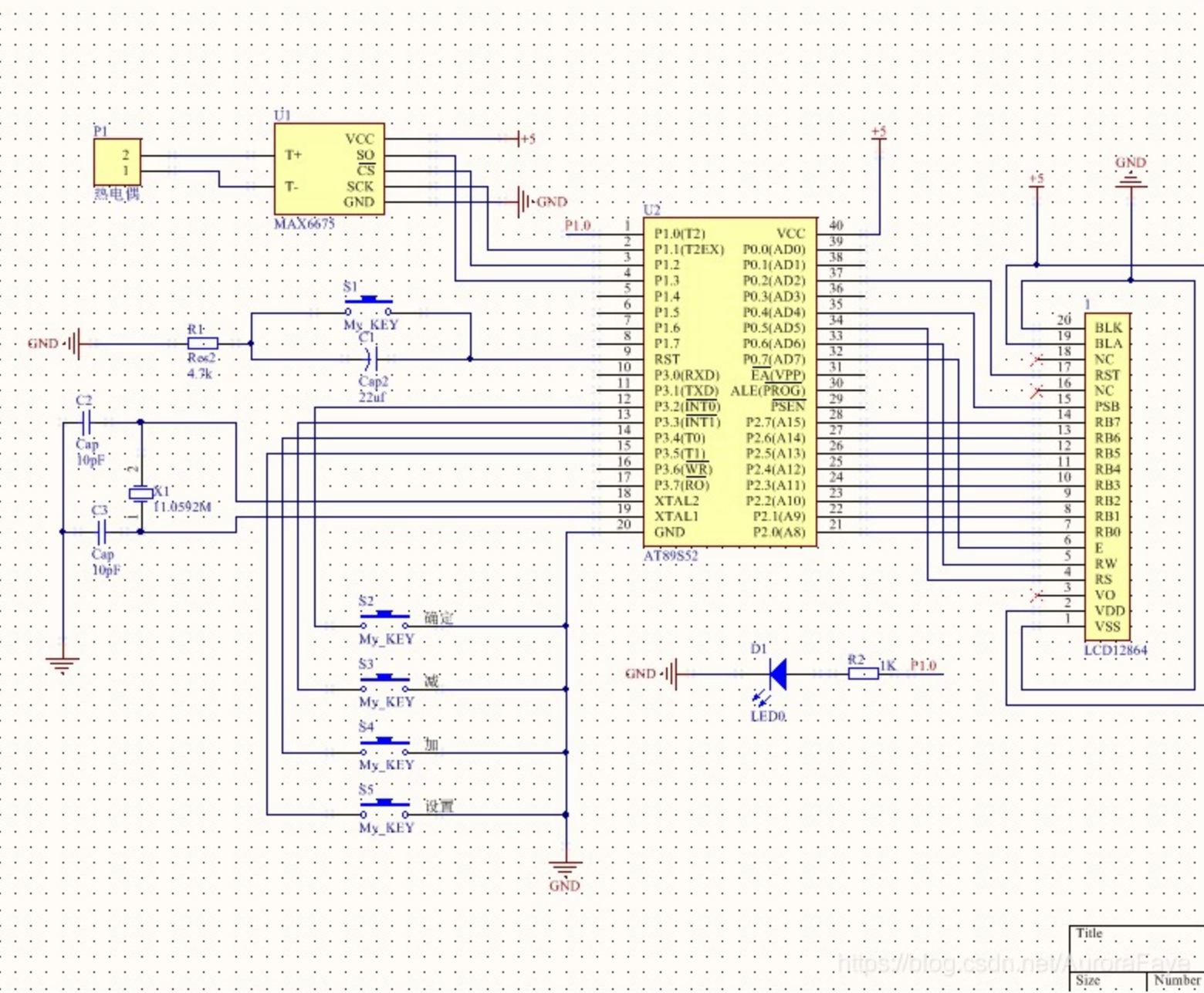
- 1.51单片机最小系统
- 2.LCD12864液晶
- 3.K型热电偶模块

功能：

- 1.测量温度
- 2.LCD12864显示
- 3.可以通过按键设置上下阈值
- 4.温度超过阈值报警

附件内容提供原理图和源代码，只要照着图连线，烧录代码即可运行

【资源下载】下载地址如下（884）：<https://docs.qq.com/doc/DTIrSd01BZXNpRUxl>



51程序.rar - 360压缩 3.2正式版

添加 解压到 一键解压 删除

51程序.rar\51程序 - 解包大小为 229.0 KB

名称

- .. (上级目录)
- Listings
- Objects
- 12864.c
- 12864.uvgui.Jing
- 12864.uvopt
- 12864.uvproj
- STARTUP.A51

12864.c - 记事本

文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)

```
#include <reg52.h>
#include "stdlib.h"
#include "stdio.h"

sbit SO = P1^3; //P3.6口与SO相连
sbit SCK = P1^1; //P3.4口与SCK相连
sbit CS = P1^2; //P3.5口与CS相连

sbit RS = P0^5; //注意：一定要看12864液晶模块的资料，来确定怎样操作
sbit WRD = P0^6;
sbit E = P0^7;
sbit PSE = P0^4;
sbit RES = P0^2;

sbit S1 = P3^5;
sbit S2 = P3^4;
sbit S3 = P3^3;
sbit S4 = P3^2;

sbit beep = P1^0;

void Initia();
void Setting();
void Show_High();
void Show_Low();
void Show_High_Threshold();
void Show_Low_Threshold();
void Plus(unsigned char Threshold_flag);
void Minus(unsigned char Threshold_flag);
void Confirm();
void Key_scan(void);
void Alarm(void);
void Get_temp();
void Show_temperature();

void initinal_12864(void);
void TransferData(char data1,bit DI);
void delays(unsigned int n);
void delay(unsigned int m);
```

<https://blog.csdn.net/AuroraFaye>

```
1 #include <reg52.h>
2 #include "stdlib.h"
3 #include "stdio.h"
4
5
6
7 sbit SO = P1^3; //P3.6口与SO相连
8 sbit SCK = P1^1; //P3.4口与SCK相连
9 sbit CS = P1^2; //P3.5口与CS相连
10
11
12 sbit RS = P0^5; //注意：一定要看12864液晶模块的资料，来确定怎样操作
13 sbit WRD = P0^6;
14 sbit E = P0^7;
15 sbit PSE = P0^4;
16 sbit RES = P0^2;
17
18
19
20 sbit S1 = P3^5;
21 sbit S2 = P3^4;
22 sbit S3 = P3^3;
23 sbit S4 = P3^2;
24
25 sbit beep = P1^0;
26
27
28
29
30 void Initia();
31 void Setting();
32 void Show_High();
33 void Show_Low();
34 void Show_High_Threshold();
35 void Show_Low_Threshold();
36 void Plus(unsigned char Threshold_flag);
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38 void Confirm();
39 void Key_scan(void);
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44
45 void initinal_12864(void);
46 void TransferData(char data1,bit DI);
47 void delays(unsigned int n);
48 void delay(unsigned int m);
```

复制