

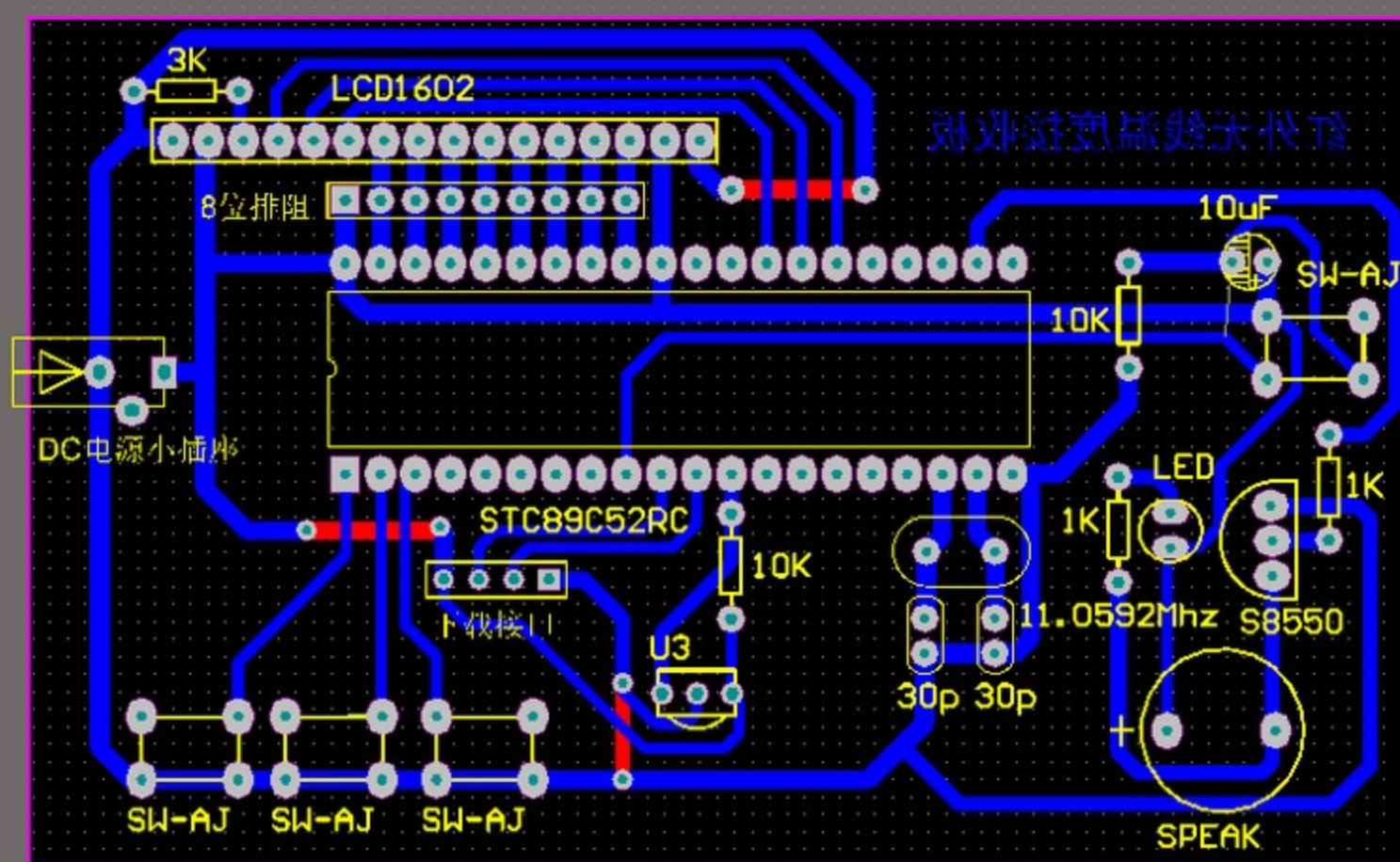
发射机组成:STC89C52RC单片机+DHT11温湿度传感器+红外发射管。

接收机组成:STC89C52RC单片机+LCD1602液晶+红外接收管+蜂鸣器报警+按键。

发射机采集温湿度信息通过红外发射管将温湿度信息发射出去,接收机通过红外接收管接收温湿度信息,解析出温湿度信息显示在液晶上,用户可通过按键设置温湿度的报警上限值,一旦温湿度超过上限则会进行蜂鸣器声光报警!

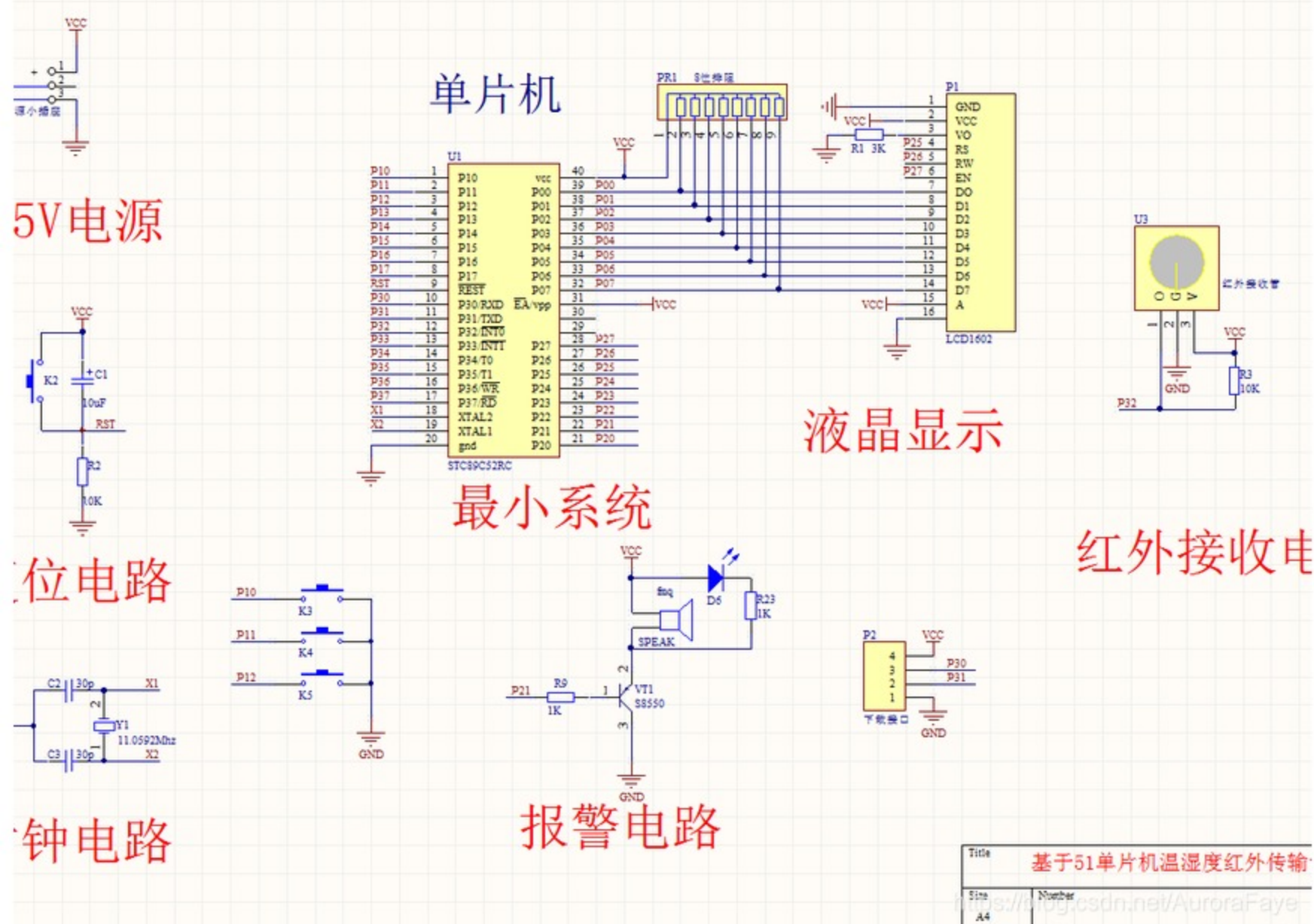
【资源下载】下载地址如下: 773

<https://docs.qq.com/doc/DTIRSd01BZXNpRUxl>



温湿度红外传输接收机焊接图

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



Title	基于51单片机温湿度红外传输		
File	Number		
A4			

```

1  #include <reg52.h>
2  #include "type.h"
3  #include "DHT11.C"
4  #include "IR_send.h"
5  unsigned char L_dat=0;
6  unsigned char k;
7  unsigned char code led[]={0xc0,0xf9,0xa4,0xb0,0x99,0x92,0x82
8  ,0xf8,0x80,0x90,0xff,0xbf};
9  unsigned char TxBuf[20]={0}; //发送数据的缓冲区
10 unsigned char RxBuf[20]={0}; //接受缓冲区
11 unsigned char flag;
12
13 unsigned char data disdata[5];
14
15
16
17 void delay1ms(unsigned int ms)//延时1毫秒（不够精确的）
18 {
19     unsigned int i,j;
20     for(i=0;i<ms;i++)
21         for(j=0;j<100;j++);

```