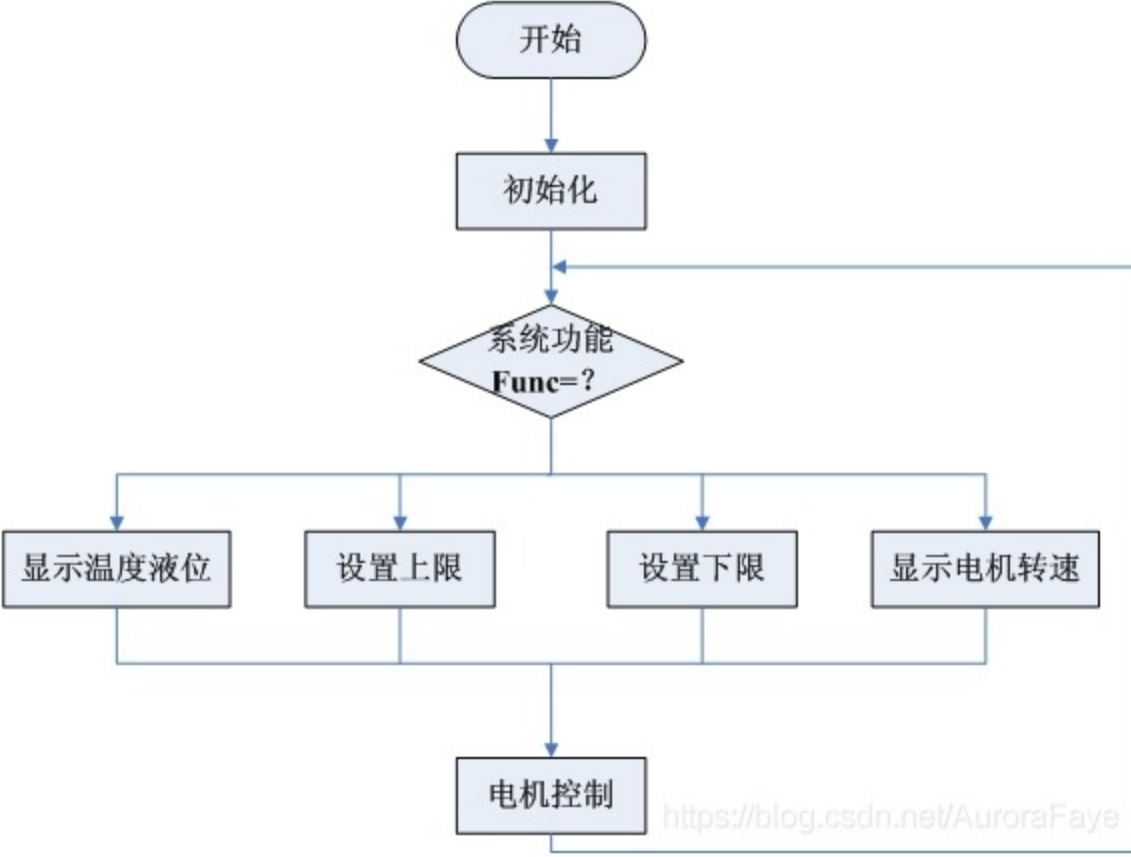
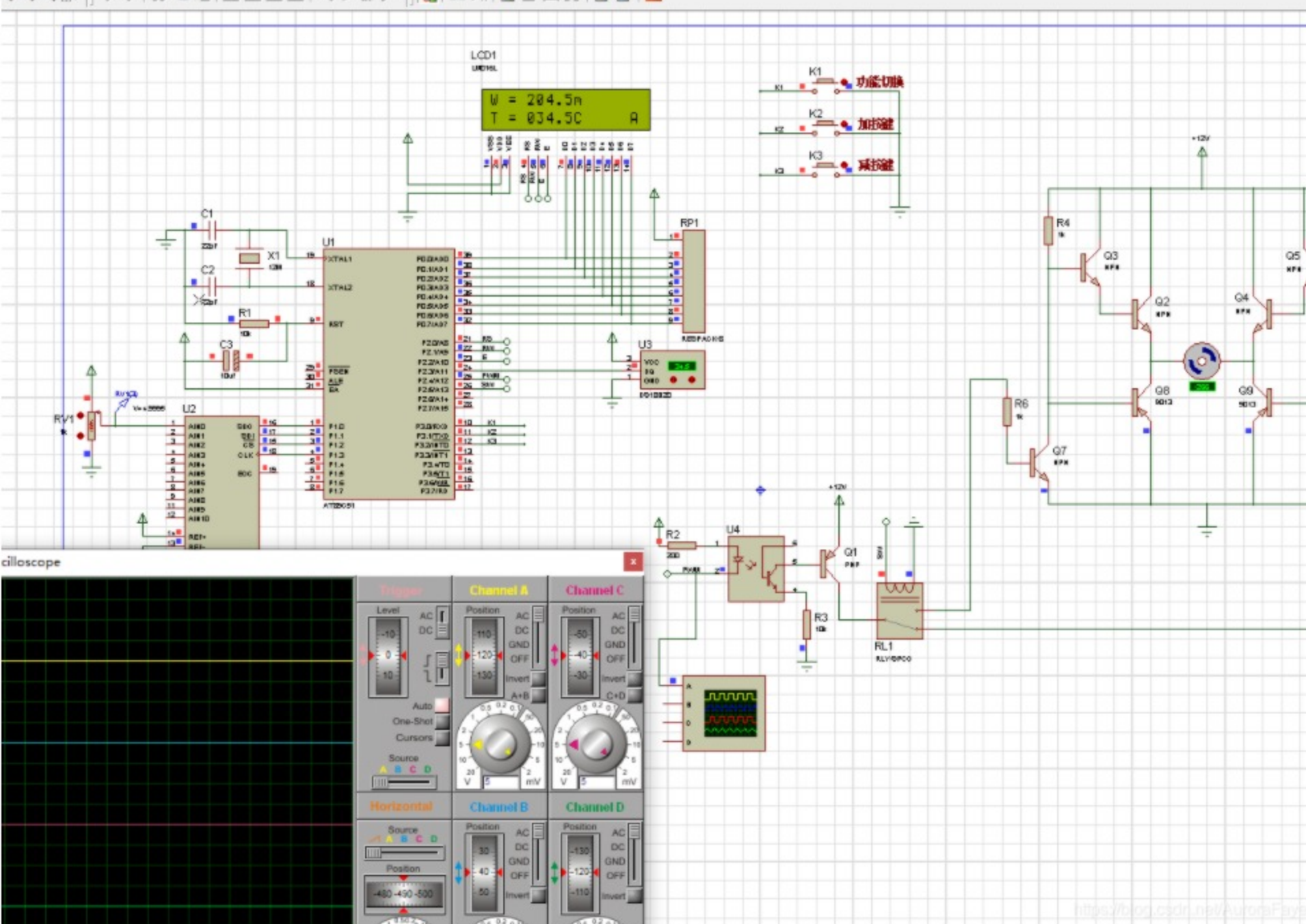




```
1 #include <reg51.h>
2 #include <DS18B20.h>
3 #include <LCD1602.h>
4 #include <TLC2543.h>
5
6 #define uchar unsigned char
7 #define uint unsigned int
8
9 sbit PWM=P2^4; // 电机PWM输出端口
10 sbit SW=P2^5; // 电机正反转控制端口
11 sbit K1=P3^0; // 功能设置按键
12 sbit K2=P3^1; // 加按键
13 sbit K3=P3^2; // 减按键
14
15 uchar ratio=10; // PWM占空比
16 uchar count=0; // PWM定时计数
17 uchar func=0; // 系统功能, 0 当前状态, 1 上下限设置, 2 电机转速
18 uchar high=150, low=50, height=0;
19 uchar LCD_Buf1[16]={"W = 000.0m"};
20 uchar LCD_Buf2[16]={"T = 000.0C"};
21 uchar LCD_Buf3[16]={"H = 150.0m"};
22 uchar LCD_Buf4[16]={"L = 050.0m"};
23 uchar LCD_Buf5[16]={"Full = 384r/m"};
24 uchar LCD_Buf6[16]={"Now = 000r/m"};
25
26 //-----
27 //显示温度及液位
28 //-----
29 void Display_HT(void)
30 {
31     uint volt,t;
32     // 电压值显示数据处理
33     volt=TLC2543(0)*50.0/4095*102.3/2.5;
34     LCD_Buf1[4]=volt/1000+'0';
35     LCD_Buf1[5]=volt/100%10+'0';
36     LCD_Buf1[6]=volt/10%10+'0';
37     LCD_Buf1[8]=volt%10+'0';
38     // 温度值显示数据处理
39     t=ReadTemperature();
40     LCD_Buf2[4]=t/1000+'0';
41     LCD_Buf2[5]=t/100%10+'0';
42     LCD_Buf2[6]=t/10%10+'0';
43 }
```