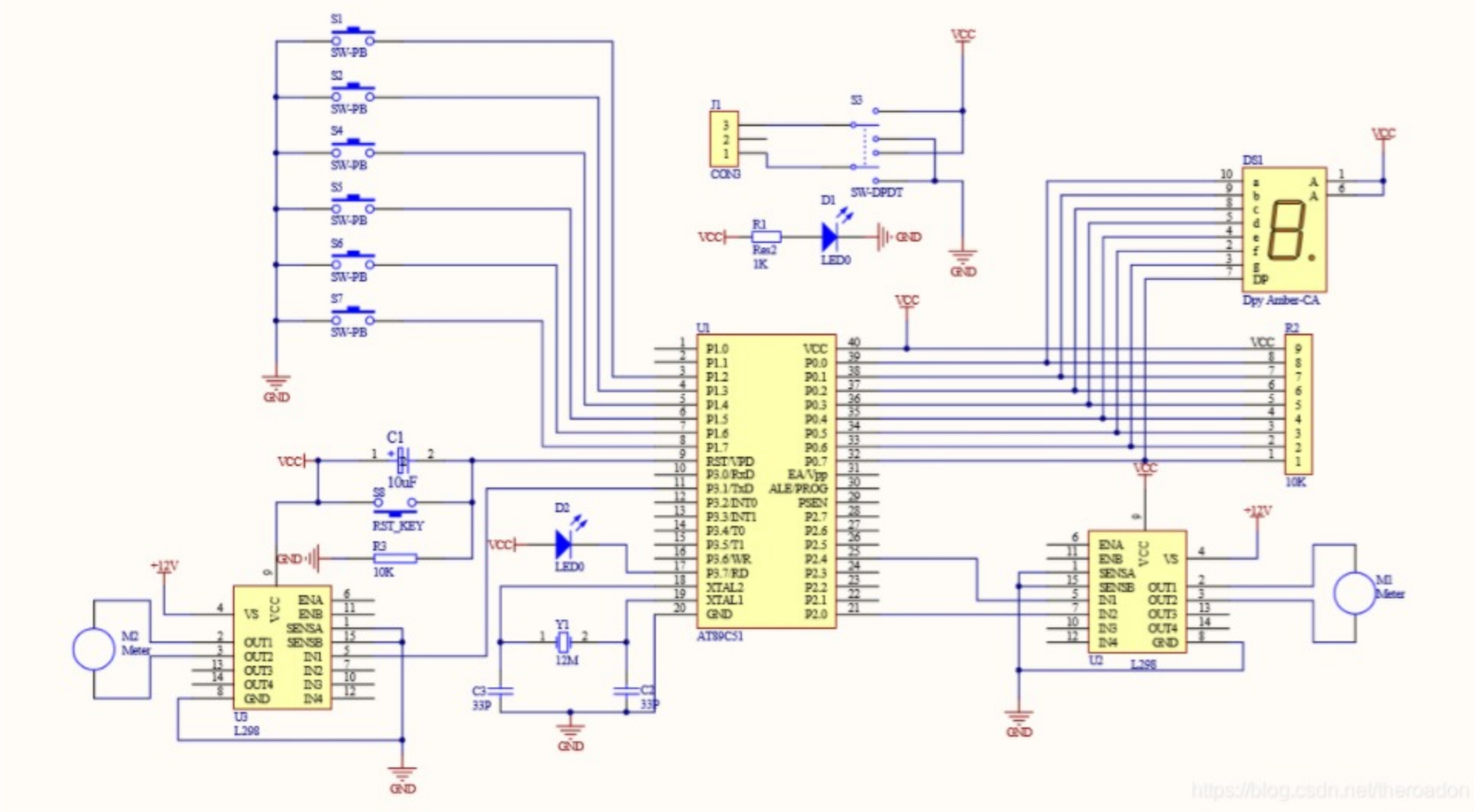
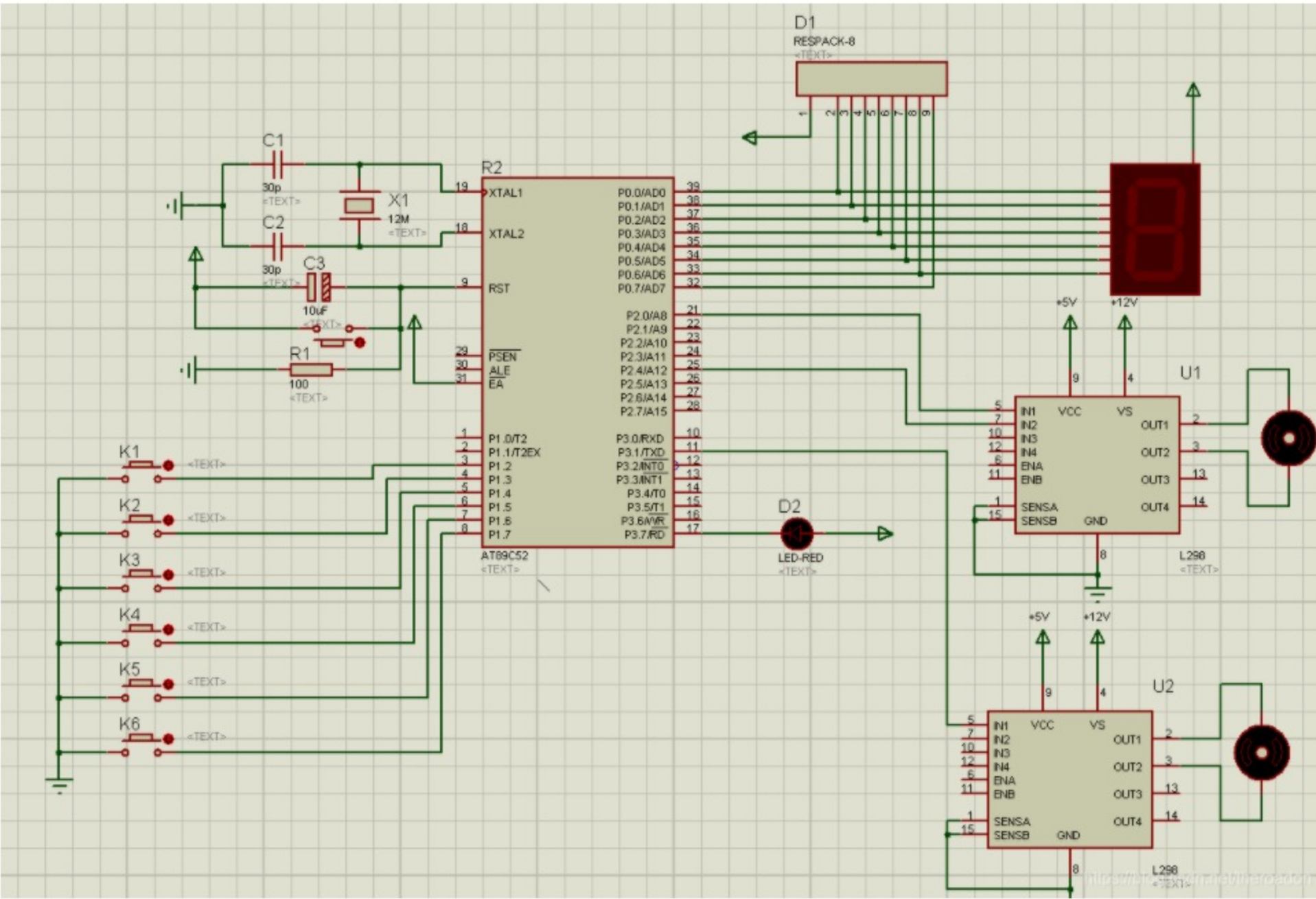


基于51单片机的电风扇设计方案：

由6个按键控制，六个按键分别为1 档强风，2档中风，3档弱风，4键摇头，5键停止摇头，6键总开关。



```
1 #define LED_Prot P0 //数码管引脚定义
2 #define Key_Prot P1 //按键引脚定义
3
4 unsigned char code LedData[11]= //数码管段码库
5 {
6     ~0x3F,~0x06,~0x5B,~0x4F,~0x66,~0x6D,~0x7D,~0x07,~0x7F,~0x6F,~0x00
7 };// 0 1 2 3 4 5 6 7 8 9 空
8
9 unsigned char RunLedCount=0,PwmCount=0,HeadCount=0,
10     PwmValue=0,HeadFlag=0,HeadSwitch=0;
11
12 void SystemInit(void)
13 {
14     TMOD = 0x11; //设置定时器1 计时模式
15     TH1=(65536-20000)/256; //加载 计数器高位数据
16     TL1=(65536-20000)%256; //加载 计数器低位数据
17     ET1=1; //允许定时器1 中断触发
18     TR1=0; //关闭定时器1
19     EA =1; //开总中断
20     Head_Stop; //停止摇头
21     Motor_Prot=1; //电机停止
22     LED_Prot=LedData[10]; //数码管清屏
23 }
24
```