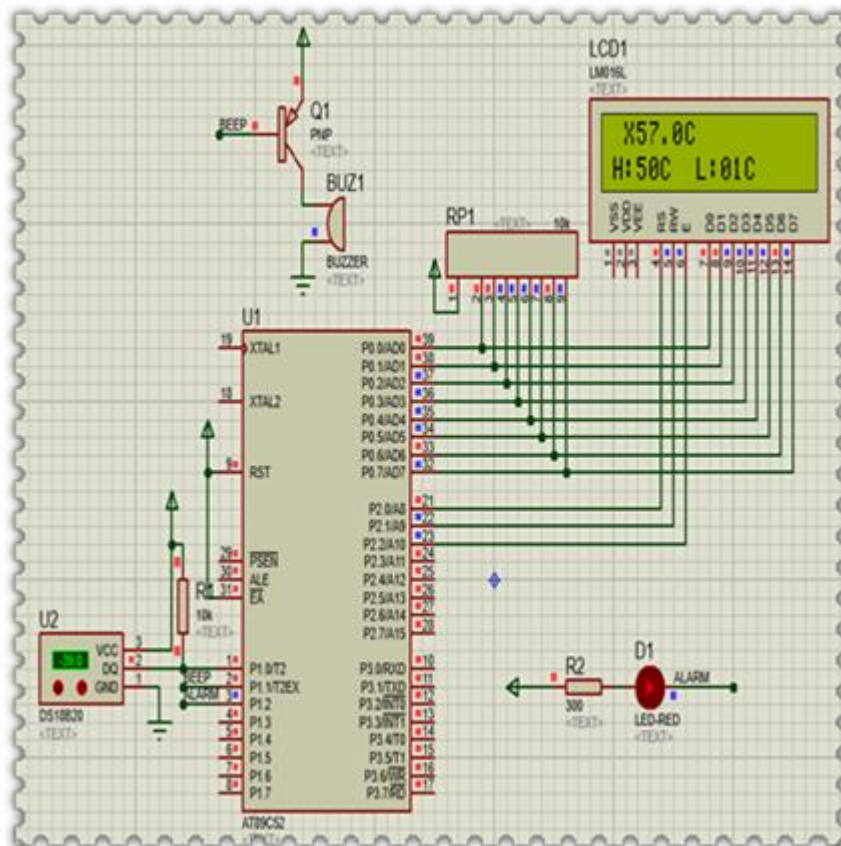


预设温度报警上下限，实时采集温度值，超出范围则进行报警



```
#include "delay.h"
```

```
#include "ds18b20.h"
```

```
#include "lcd1602.h"
```

```
sbit BEEP = P1^1;
```

```
sbit RED_TEMPER = P1^2;
```

```
sbit KEY_ADD = P1^5;
```

```
sbit KEY_SUB = P1^6;
```

```
extern bit flag;
```

```
uchar dat[4] = {0, 0, 0, 0};
```

```
uchar tt;
```

```
uchar temperHi = 50, temperLo = 1;
```

```
uint value;
```

```
void SetTemperAlarm(void);
```

```
void KeyScan(void);
```

```
void DispTemper(void);
```

```
void main(void)
```

```
{
```

```
    InitLCD1602();
```

```
while(1)
{
    value = ReadTemperDS18B20();
    SetTemperAlarm();
    ConvertTemperDS18B20();
    DelayMs(750);
    DispTemper();
}
}
```

```
void DispTemper(void)
{
    uchar flagData;
    dat[0] = value / 1000 + 0x30;    //百位数
```

