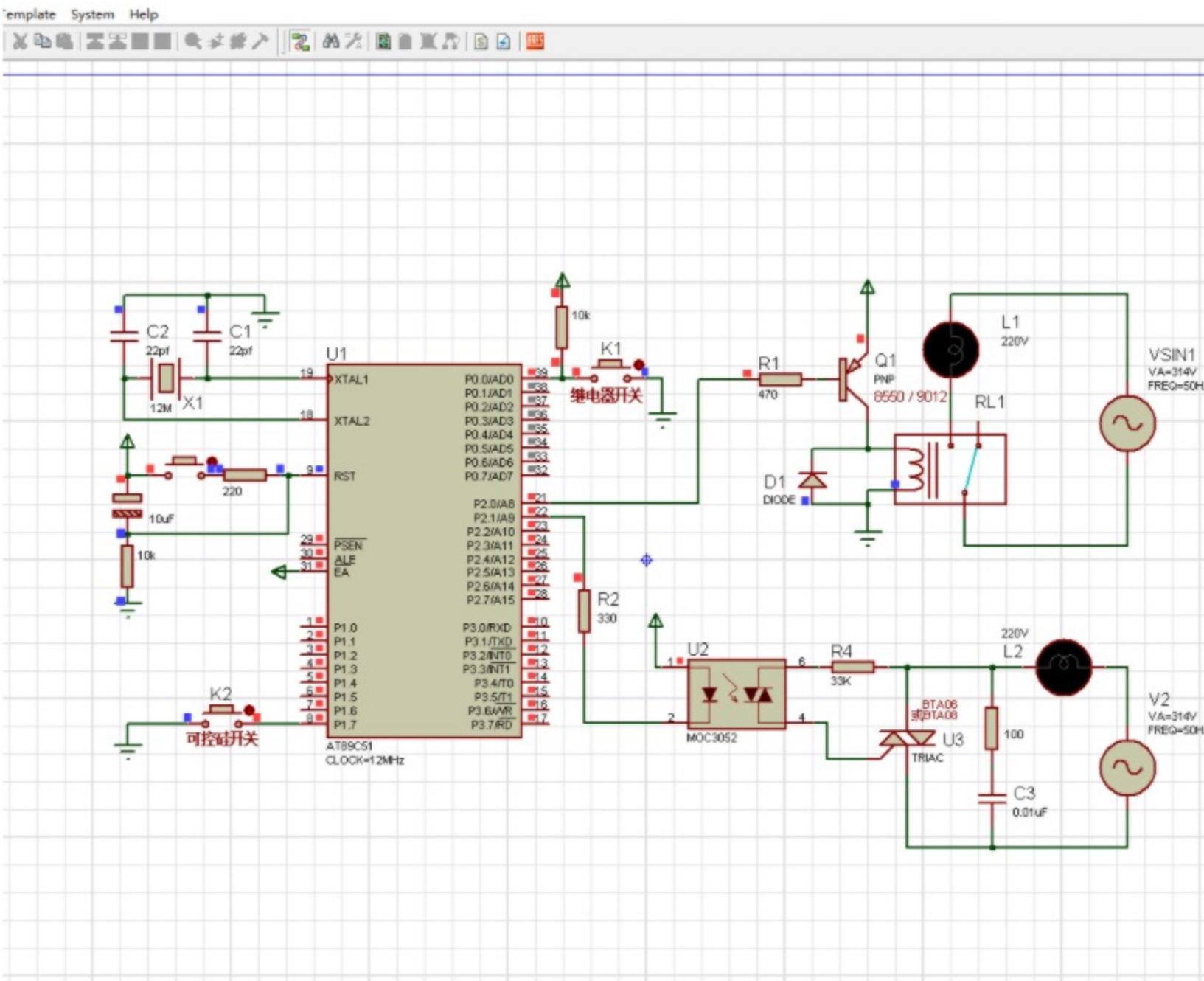




```
1 //-----
2 // 名称：继电器及双向可控硅控制照明设备
3 //-----
4 // 说明：K1/K2分别控制继电器与可控硅开关。
5 //
6 //-----
7 #include <reg51.h>
8 #define INT8U    unsigned char
9 #define INT16U   unsigned int
10 sbit    K1    = P0 ^ 0;
11 sbit    K2    = P1 ^ 7;
12 sbit    RELAY  = P2 ^ 0;
13 sbit    TRIAC  = P2 ^ 1;
14 void delay_ms( INT16U x )
15 {
16     INT8U t; while ( x-- )
17         for ( t = 0; t < 120; t++ )
18             ;
19 }
20
21
22 void main()
23 {
24     RELAY = 1; TRIAC = 1;
25     while ( 1 )
26     {
27         if ( K1 == 0 )
28         {
29             delay_ms( 10 );
```