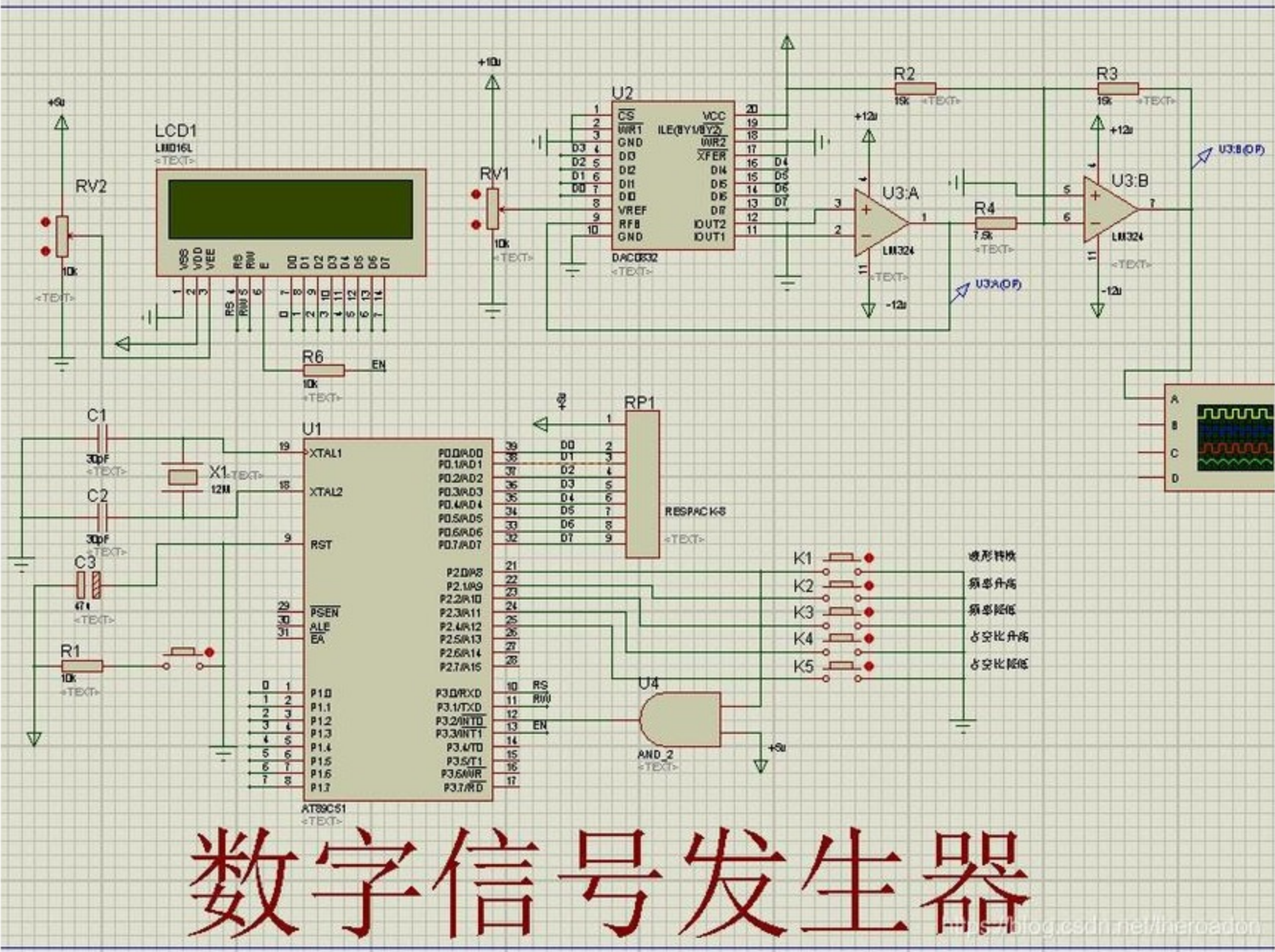


本设计硬件电路简单, 软件功能完善, 控制系统可靠, 性价比较高, 具有一定的实用价值和参考价值。



数字信号发生器

```
1 sbit K4=P2^3;
2 sbit K5=P2^4;
3
4 uchar WaveChoice=1;
5 uchar ys=30;
6 uchar i,a=0;
7 uchar sqar_num=128;
8 uint freq;
9
10 uchar code Sin[]={ "Sine      "};
11 //uchar code exp[]={ "Exp       "};
12 uchar code Squ[]={ "Square     "} ;
13 uchar code Tri[]={ "Triangle   "};
14 uchar code Saw[]={ "Sawtooth   "} ;
15 uchar code No[]={ "No Signal out "};
16 uchar code Wave[]={ "Wave :"};
17 uchar code Fre[]={ "Freq :"};
18
19 uchar code tosin[256]=
20 {0x80,0x83,0x86,0x89,0x8d,0x90,0x93,0x96,0x99,0x9c,0x9f,0xa2,0xa5,0xa8,0xab,
21 0xae,0xb1,0xb4,0xb7,0xba,0xbc,0xbf,0xc2,0xc5,0xc7,0xca,0xcc,0xcf,0xd1,0xd4,0xd6,0xd8,
22 0xda,0xdd,0xdf,0xe1,0xe3,0xe5,0xe7,0xe9,0xea,0xec,0xee,0xef,0xf1,0xf2,0xf4,
23 0xf5,0xf6,0xf7,0xf8,0xf9,0xfa,0xfb,0xfc,0xfd,0xfe,0xff,0xff,0xff,0xff,0xff,
24 0xff,0xff,0xff,0xff,0xff,0xff,0xfe,0xfd,0xfd,0xfc,0xfb,0xfa,0xf9,
```