

1. 蜂鸣器

电磁式蜂鸣器

有源

无源

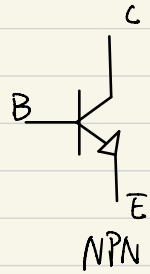
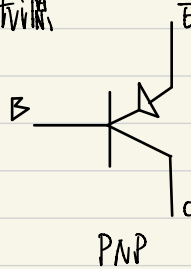
三极管

PNP

NPN

导通

$I_B > I_{MA}$



```
#include <reg52.h>
#include <intrins.h>
```

```
#define uint unsigned int;
#define uchar unsigned char;
```

```
sbit beep = P2^3;
```

```
void delay (uint ms)
{
    uint i, j;
    for (i=0; i<ms; i++)
    {
        for (j=0; j<174; j++);
    }
}
```

```
void main( )
{
    while(1)
    {
        beep = ~beep;
    }
}
```