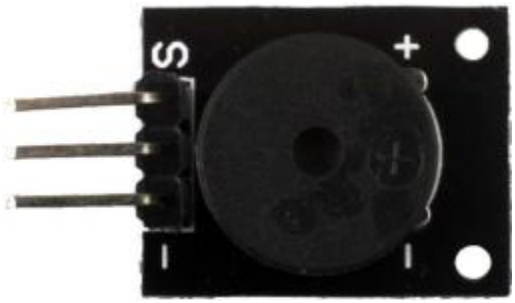
Passive Buzzer Experiment

Overview

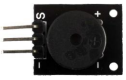


This lesson will teach you how to use Passive Buzzer module, which is simple and easy to use.

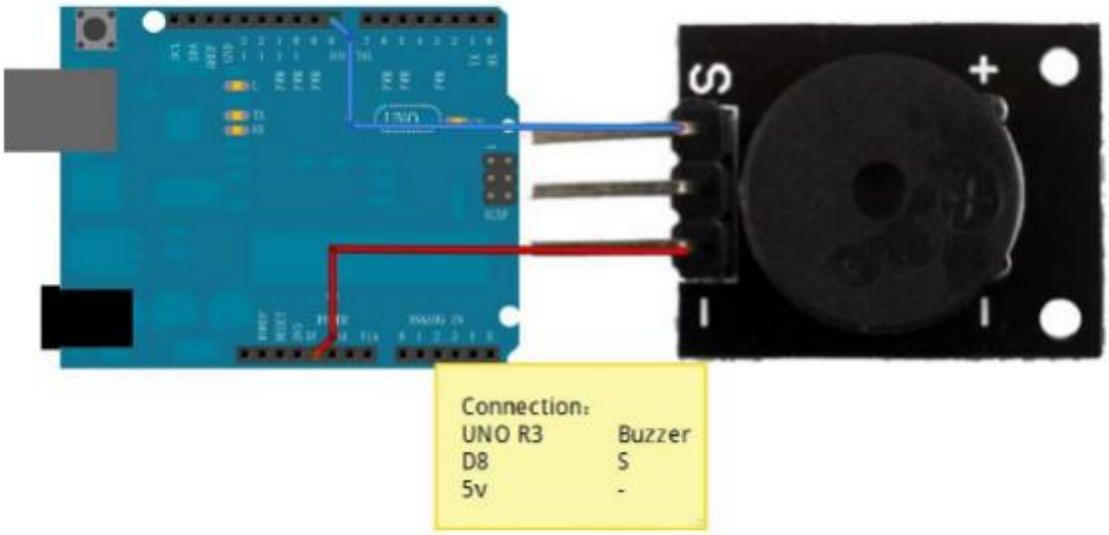
Pin definition

UNO R3	Passive Buzzer
D8	S
VCC	"-"

Hardware required

Material diagram	Material name	Number
	Passive Buzzer	1
	UNO R3	1
	USB Cable	1
	Male to Female Jumper wires	several

Connection diagram

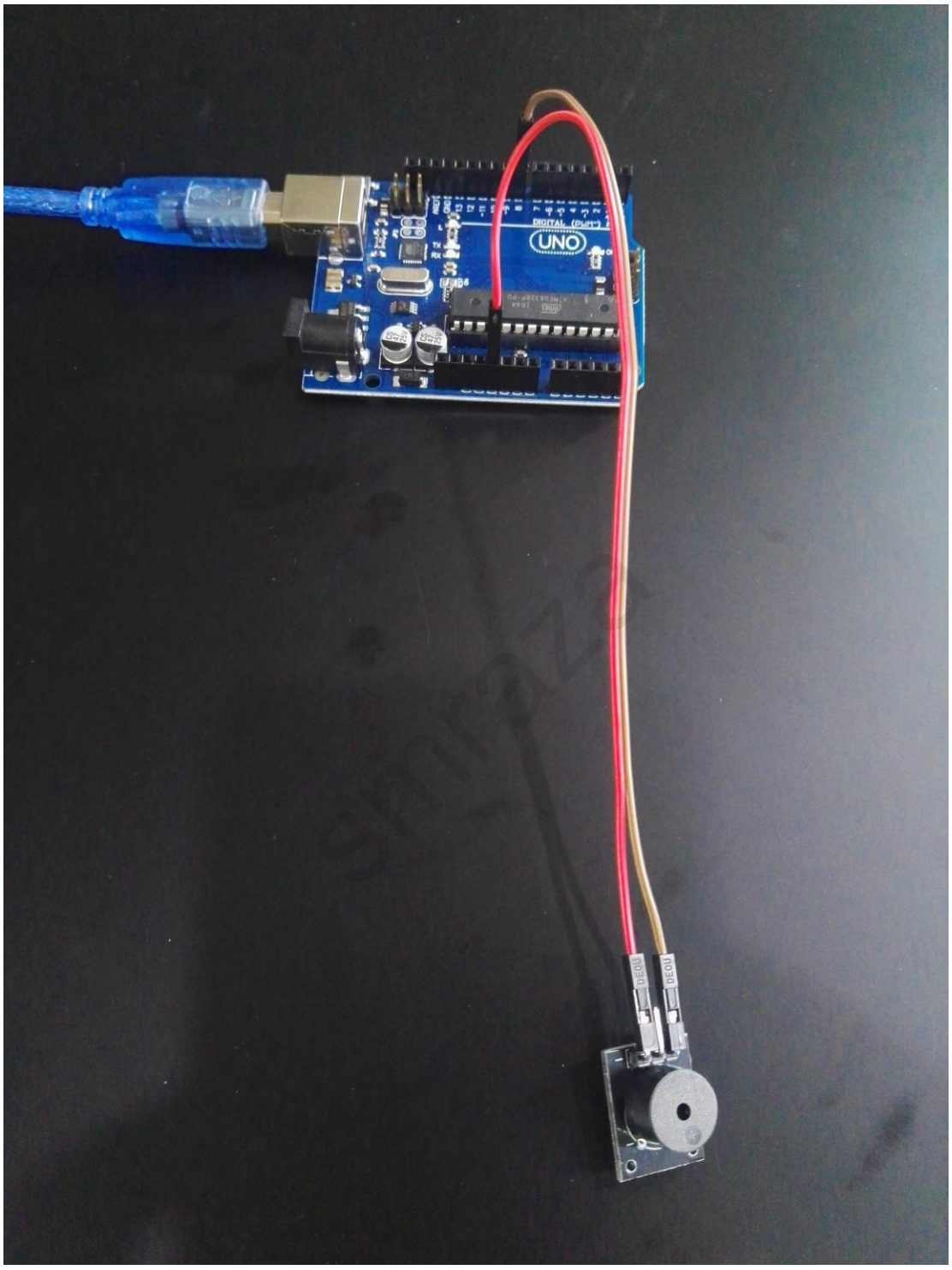


Sample code

Note: sample code under the **Sample code** folder.

```
const int buzzer=8;
void setup()
{
    pinMode(buzzer,OUTPUT);
}
void loop()
{
    for(int i=200;i<=800;i++)
    {
        tone(buzzer,i);
        delay(5);
    }
    delay(4000);
    for(int i=800;i>=200;i--)
    {
        tone(buzzer,i);
        delay(10);
    }
}
```

Example picture



Language reference

Tips：Click on the following name to jump to the web page.
If you fail to open, use the Adobe reader to open this document.
pinMode()
tone()

Application effect

When the upload process is complete, the buzzer rings.

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