

Passive buzzer

Overview



Specification

Working Voltage: 3V/5V






Resistance: 16Ohm

Resonance Frequency: 2KHZ

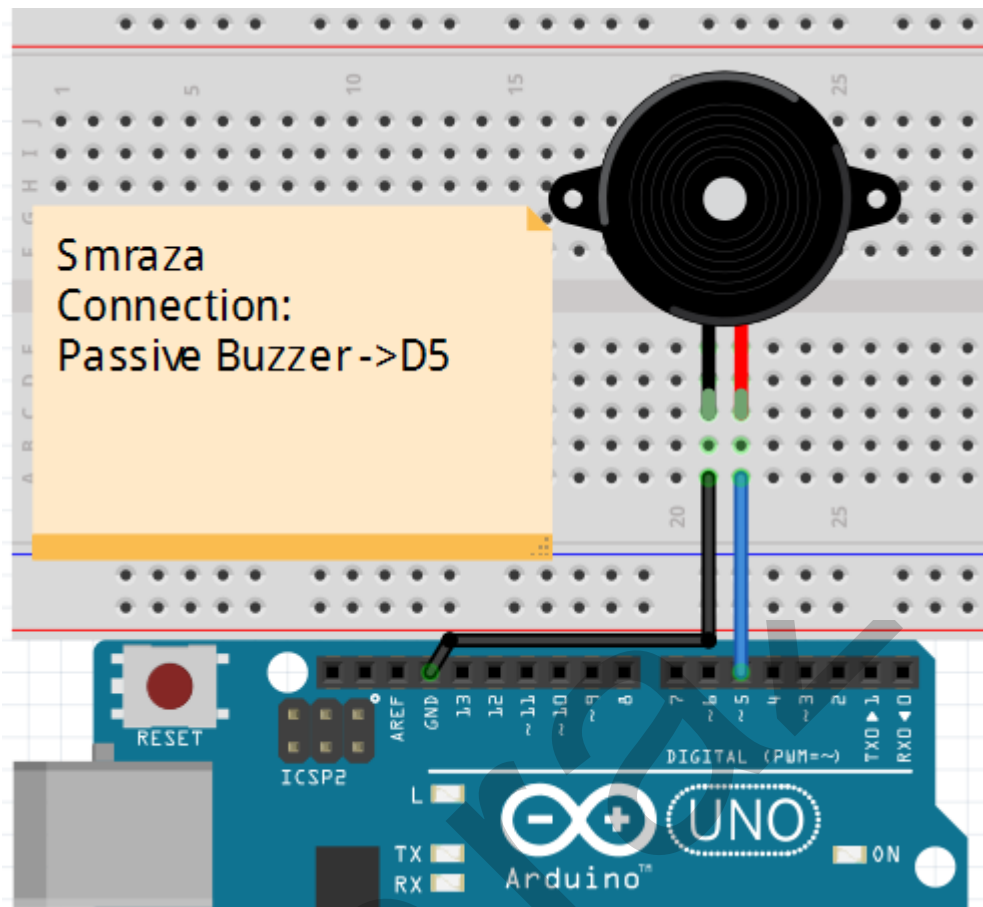
Pin definition

Passive Buzzer UNO R3
Long pin -> D5
Short pin -> GND

Hardware required

Material diagram	Material name	Number
	Passive buzzer	1
	USB Cable	1
	UNO R3	1
	Breadboard	1
	Jumper wires	Several

Connection diagram



Sample code

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

```
#define buzzer 5
void setup()
{
    // generates a 400Hz tone in output pin 8 with 2000ms of duration
    tone(buzzer, 400, 2000);
}
void loop()
{
}
```

//Tips: Changing frequency(400Hz) can make different sounds.

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.

[#define](#)
[tone\(\)](#)

Application effect

When the upload process is complete, the buzzer sounds for 2 seconds.

smraza