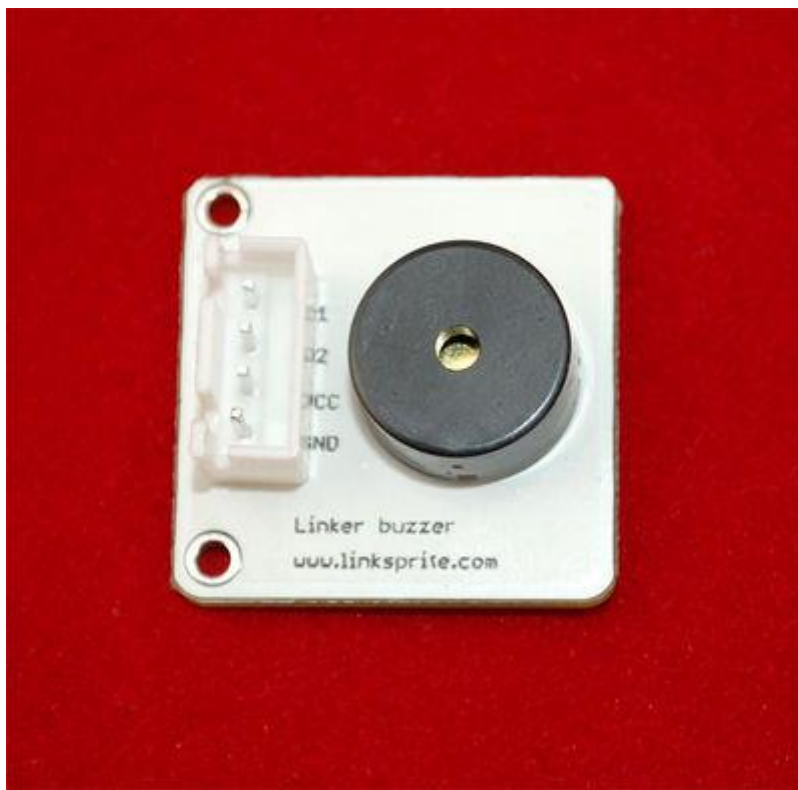


Linker Kit Platine mit Buzzer

This buzzer module will generate around the audible 2kHz range.



Features

Dimensions: 25.0×25.0×10.6mm


```

void playTone(int tone, int duration)
{
  for (long i = 0; i < duration * 1000L; i += tone * 2)
  {
    digitalWrite(speakerPin, HIGH);
    delayMicroseconds(tone);
    digitalWrite(speakerPin, LOW);
    delayMicroseconds(tone);
  }
}
/////////////////////////////////////////////////////////////////
void playNote(char note, int duration)
{
  char names[] = { 'c', 'd', 'e', 'f', 'g', 'a', 'b', 'C' };
  int tones[] = { 1915, 1700, 1519, 1432, 1275, 1136, 1014, 956 }; //
  play the tone corresponding to the note name
  for (int i = 0; i < 8; i++)
  {
    if (names[i] == note)
    {
      playTone(tones[i], duration);
    }
  }
}
/////////////////////////////////////////////////////////////////
void setup()
{
  pinMode(speakerPin, OUTPUT);
  pinMode(11, OUTPUT);
  digitalWrite(11, LOW);
}
/////////////////////////////////////////////////////////////////
void loop()
{
  for (int i = 0; i < length; i++)
  {
    if (notes[i] == ' ')
    {
      delay(beats[i] * tempo); // rest
    }
    else
    {
      playNote(notes[i], beats[i] * tempo);
    }
    // pause between notes
    delay(tempo / 2);
  }
}

```

