UNIT Buzzer Module Product Brief

A passive buzzer module is a sound-generating device that produces tones when controlled by a PWM signal from a microcontroller.

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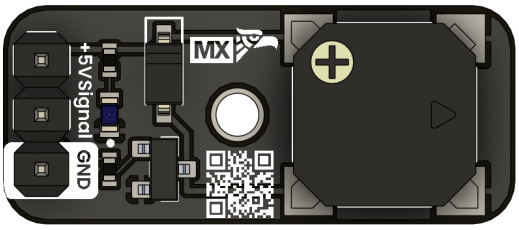
Introduction

This passive buzzer module require a PWM (Pulse Width Modulation) signal or frequency generator to function.

When a PWM signal is applied to the passive buzzer, the frequency of this signal determines the pitch of the sound. This feature enables developers to produce musical tones, alarms of varying urgency, or simple feedback clicks—all from the same device.



Functional Description

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Electrical Characteristics

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Features

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Applications

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Settings

Interface Overview

Interface	Signals / Pins	Typical Use
-	-	-

Supported Pins

Symbol	I/O	Description
-	-	Power supply (5V)

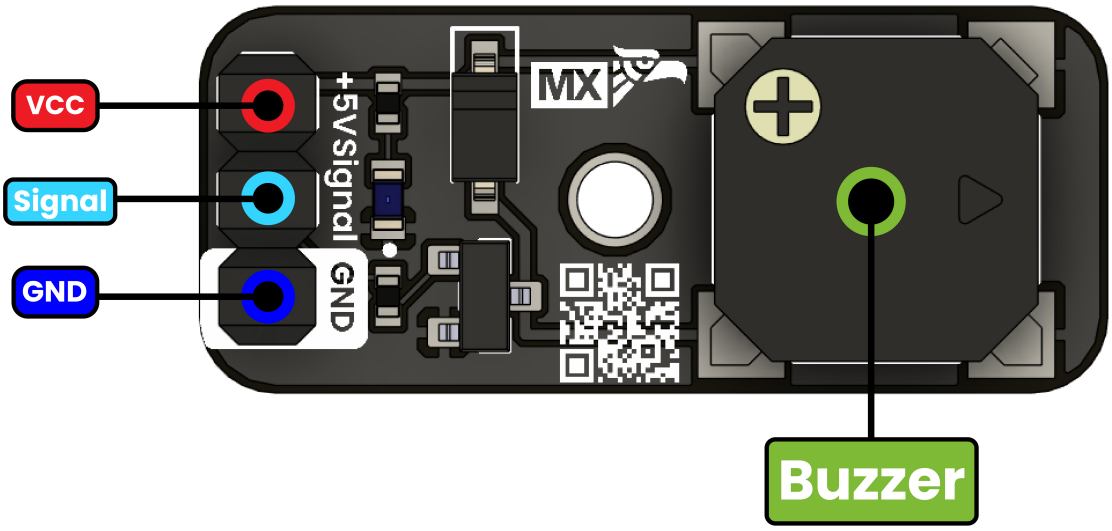
Pin & Connector Layout

PIN	Description
VCC	MCU logic voltage (5V)
Signal	Digital or PWM input
GND	Ground

Block Diagram

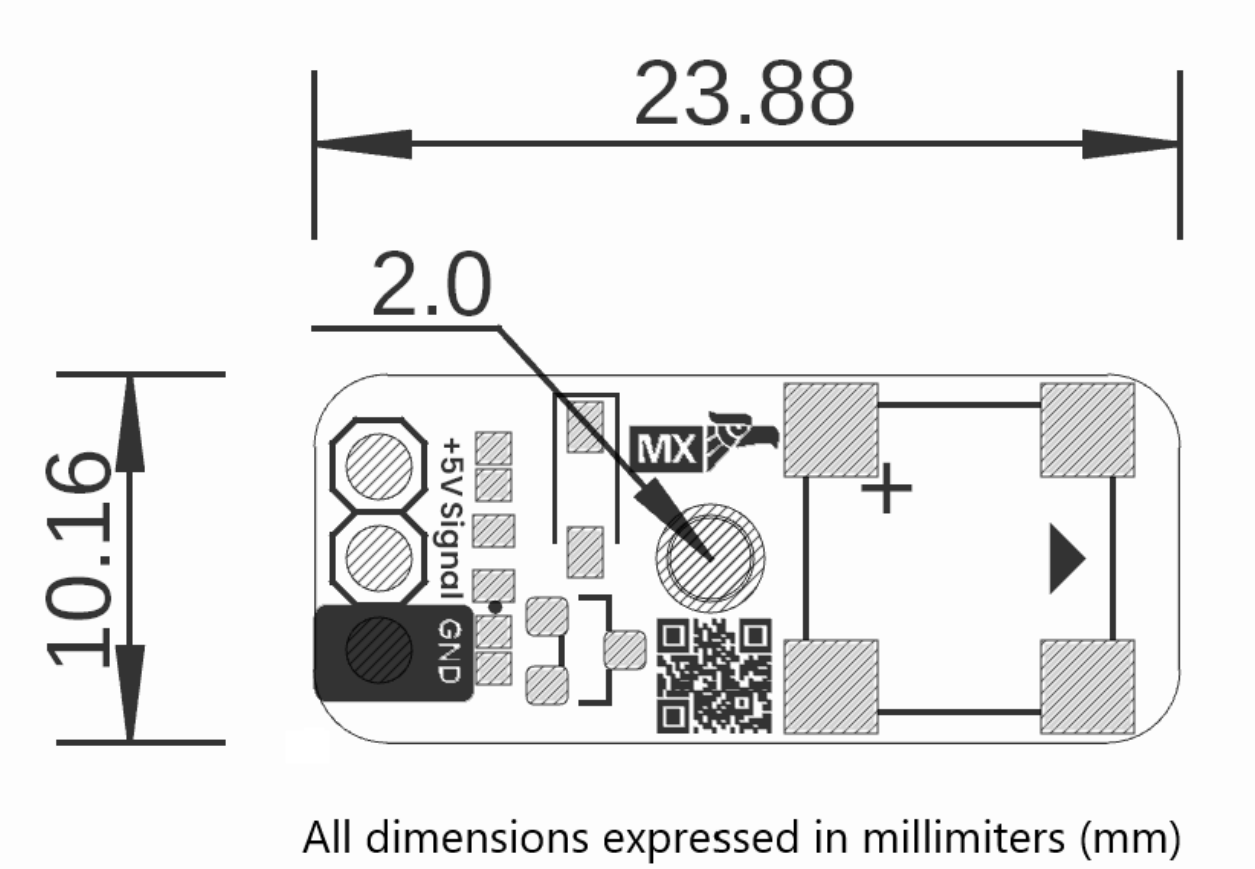
UNIT Buzzer Module

Top view



Bottom view

Dimensions



All dimensions expressed in millimiters (mm)

Usage

- Arduino AVR
- Raspberry Pi RP2040
- STM32
- NRF
- PY32
- MAX II

Downloads

- Schematic PDF

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