

Buzzer (BUZ)

Actuator Data Sheet

BUZ 090616

SPECIFICATIONS

- > **Frequency:** up to 579Hz (default: ~115Hz)
- > **Consumption:** 100mA
- > **Input Voltage Range:** 2-4V

FEATURES

- > On-board variable resistor to adjust pitch
- > Small form factor
- > Easy-to-use

APPLICATIONS

- > Synchronization with sound recorder
- > Audio marking
- > Acoustic feedback

GENERAL DESCRIPTION

The buzzer is typically used to provide acoustic feedback to the user. However, a common need when working with biosignals is the synchronization of the recorded data with audio capture devices (e.g. a sound recorder). If applied to a microphone, the buzzer can be used to introduce common markers in the recording, hence providing a synchronization source. The buzzer can also be useful for acoustic synchronization with third-party devices (provided that such device has an audio detector), in applications where it is important to have electrical decoupling between devices.

ORDERING GUIDE

Part #	Description
ACT-BUZ-NC	Buzzer (BUZ) without connectors
ACT-BUZ-UCE6	Buzzer (BUZ) with UC-E6 socket for seamless plug & play connection to a BITalino (r)evolution Plugged or Core
ACT-BUZ-SHER4	Buzzer (BUZ) with a Molex Sherlock 4-pin socket for easy power and signal cable connection or pin breakout using PCB wires

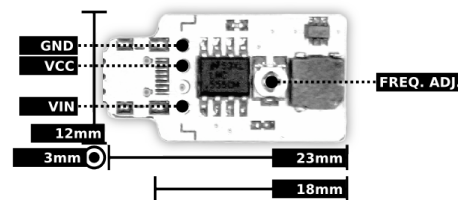


Fig. 1. Pin-out and physical dimensions.

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BEWARE: DIRECT OR INDIRECT COUPLING TO THE MAINS MAY RESULT IN SHOCKING HAZARD

