Buzzer (BUZ)
Actuator Data Sheet

BUZ 090616

SPECIFICATIONS

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

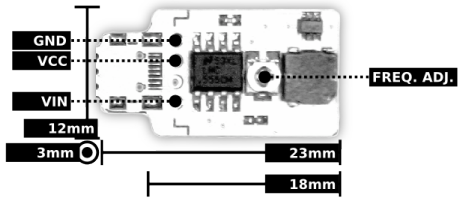

Fig. 1. Pin-out and physical dimensions.

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

PLUX – Wireless Biosignals, S.A.
Av. 5 de Outubro, n. 70 – 8.
1050-059 Lisbon, Portugal
bitalino@plux.info
http://bitalino.com/

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