Buzzer (BUZ)
Actuator Data Sheet

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

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