

Resurrection

Breakout Data Sheet

FEATURES

- > Enables easy block exchange
- > Pinout matching individual BITalino parts
- > Power pins for easy voltage supply
- > UART pins for easy interface connection
- > VCC, VCC/2, GND, I/O pin clusters

APPLICATIONS

- > Standalone devices with BITalino sensors
- > Build a Plugged-like Arduino Pro Mini
- > Hardware prototyping

SPECIFICATIONS

- > **MCU Footprint:** Arduino Pro Mini
- > **Connector Footprint:** RJ22 sockets; 4-pin Molex Sherlock sockets; header pins
- > **Analog Ports:** A1-A6
- > **Digital Ports:** I1-I2 + O1-O2
- > **Size:** 70x60x1mm

GENERAL DESCRIPTION

Either to create standalone systems using BITalino sensors or simply to facilitate prototyping with an Arduino Pro Mini, this is a nice-to-have tool. The BITalino Resurrection Pro Mini provides pin clusters for the Arduino Pro Mini MCU, UART, and power, making it easy to connect and interchangeably use different components. The analog and digital ports are also exposed in individual pin clusters with VCC, VCC/2, GND, and I/O, (a practical feature when prototyping your hardware), in which the pitch and layout of the pins even enables the use of RJ22 or 4-pin Molex Sherlock sockets for greater convenience.

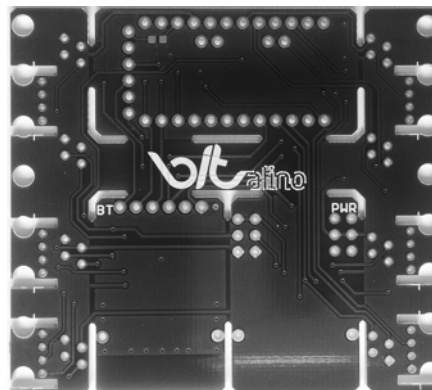


Fig. 1. Breakout board with all pins easily accessible (Arduino Pro Mini footprint).

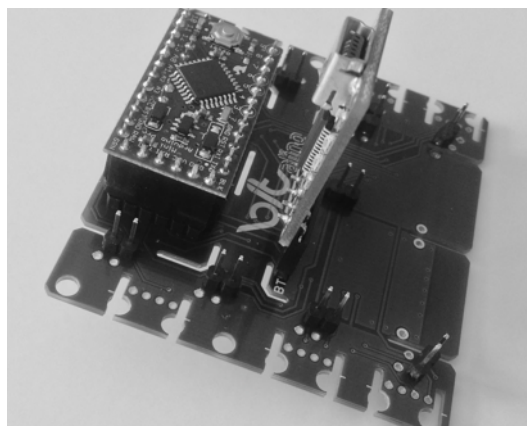


Fig. 2. Program your Arduino on-board.

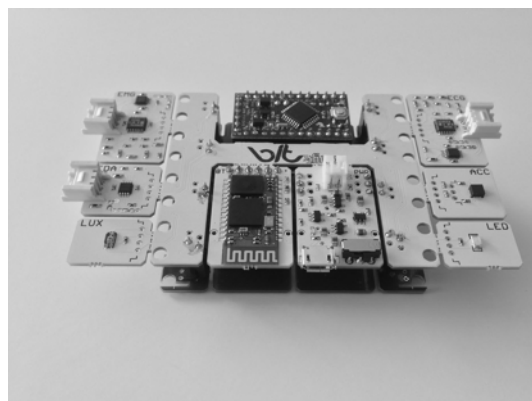


Fig. 3. Easily connect BITalino peripherals to an Arduino.



REV A

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

