

Resurrection Breakout Data Sheet

SPECIFICATIONS

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

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

- > Build a Board from individual parts
- > Build a Plugged from individual parts
- > Hardware prototyping

GENERAL DESCRIPTION

Either if you want to rebuild your BiTAlino after snapping off a few blocks, interchange the peripherals between the BiTAlino MCU and third party systems (e.g. an Arduino), create a bespoke configurations, or have a way of prototyping custom sensors and accessories with multipoint access to power pins, this is the right tool for you. The BiTAlino Resurrection provides pin clusters for the BiTAlino 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.

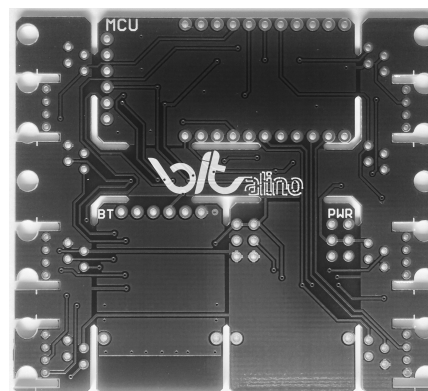


Fig. 1. Breakout board with all pins easily accessible (BITalino MCU footprint).

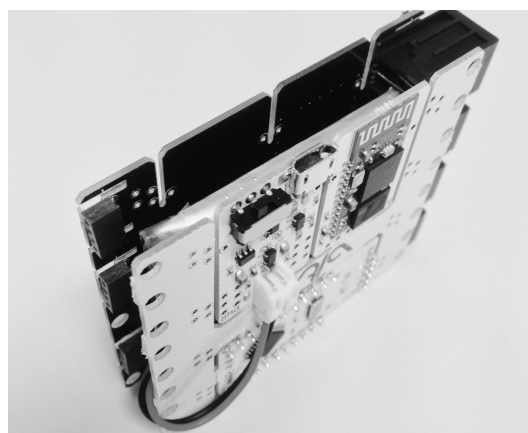


Fig. 2. Create bespoke BITalino configurations.

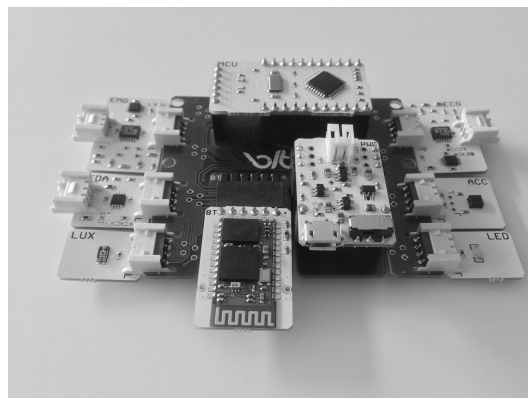


Fig. 3. Rebuild your BITalino from individual components.



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

