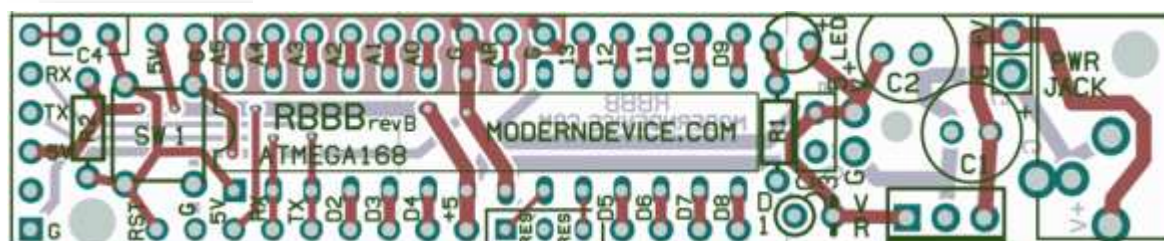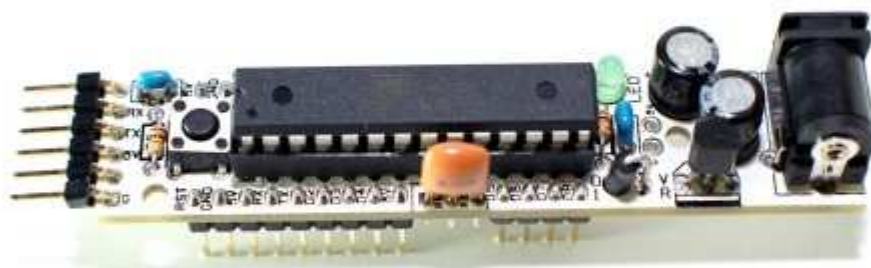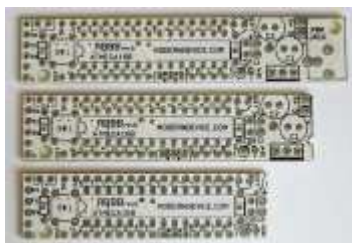- | [Login](#)
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RBBB (Really Bare Bones Board)

$11.00

Voltage [5V] [3.3V]

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SKU: MD0040. Categories: [Arduino / Freeduino](#), [JeeLabs](#).

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Product Description

The Really Bare Bones Board (RBBB) is a mini board designed for those experimental applications that require small processors, such as wearable computing, near space experiments, toy prototyping, artist's projects or any use for a fairly small, low-cost microcontroller.

It's one of the smallest and lowest-cost Arduino-compatible boards available right now. You can build a RBBB in under half an hour, even as a beginner. The pin labels on version B2 are now between the pins, similar to the Arduino Nano.

We recently added 3.3V models (only the voltage regulator changes) and a bundle with a cable and a BUB II, which may be found [here](#).

Also available in Europe at [JeeLabs.org.](#)

Specifications

- 2.1mm power jack
- Optiboot bootloader (Uno setting)
- ATmega328 Chip
- L4931CZ50-AP TO-92 low dropout regulator (300 mA)
- Note: Regulators such as [MC7805CT-BP](#) , [LM2940](#) , or other TO-220 1A regulators make great alternatives if you need more power on your breadboard.
- We now also have these available with 3.3v regulators (L493133)

Options

- Unassembled kit
- PCB only (No parts, no headers)
- If you're looking for an RBBB with the parts already soldered on, you should buy the RBBB Pro instead.

Resources

- RBBB kit assembly instructions and schematic
- RBBB design files in Osmond PCB a Mac-only PCB layout package.
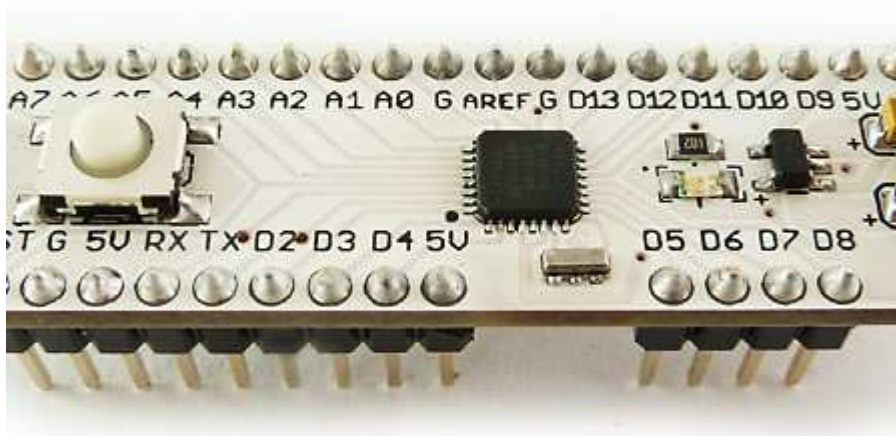- RBBB two layer screen shot

Purchase Matrix

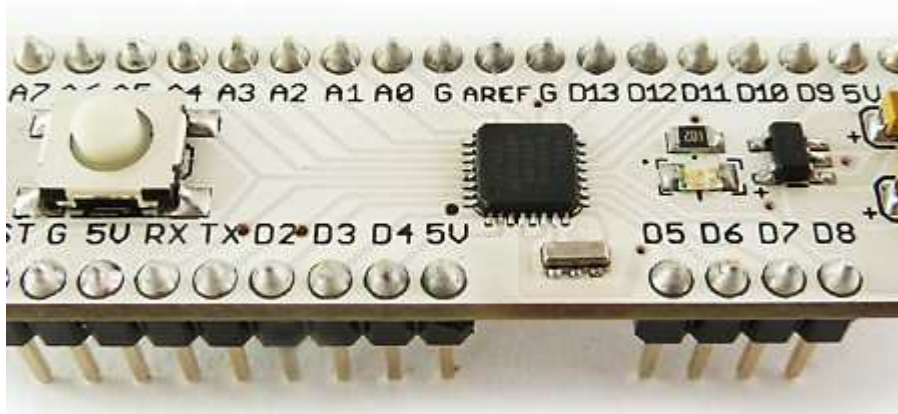| MD Part	Description
MD0040	RBBB Kit 5 V
MD0041	RBBB Kit 3.3V
MD0046	RBBB, BUB, Cable Bundle (5V, 3'cable default)
MD0060	RBBB PCB only

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RBBB Pro
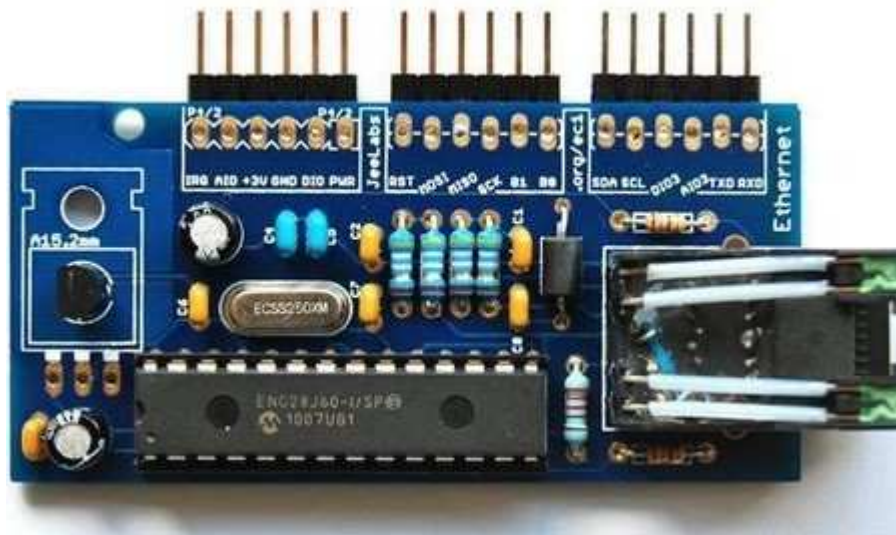
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RBBB, BUB and Mini Cable Bundle

$25.00

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RBBB Pro, BUB and Mini Cable Bundle

$27.00

Related Products

JeeLabs Ether Card Kit

$4.00–$24.95

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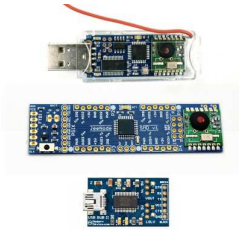- Serial Adapters
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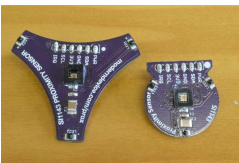- Power Supplies
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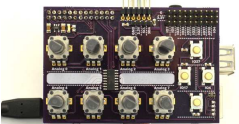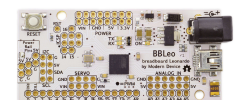moderndevice.com/uncategorize… pic.twitter.com/7m4FMnkR8S
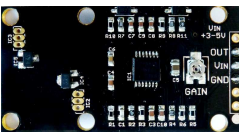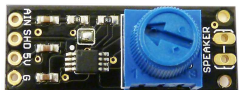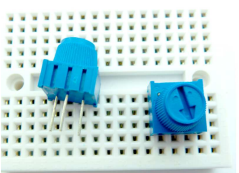

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