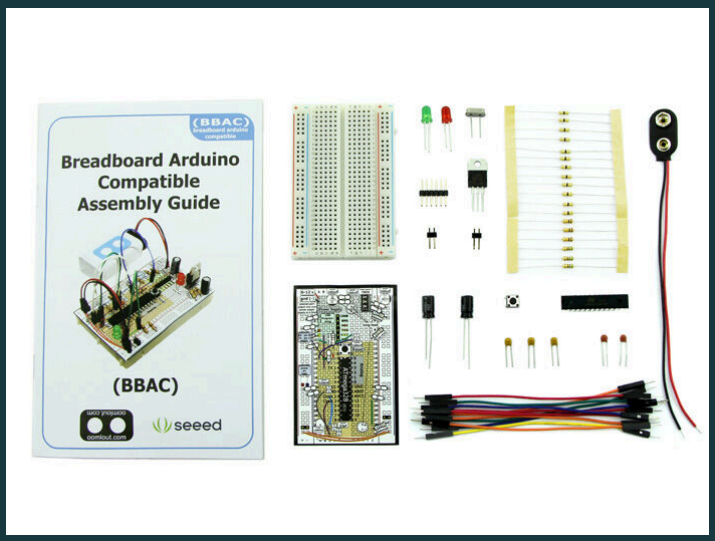
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INDUSTRIAL PRODUCT DATASHEET

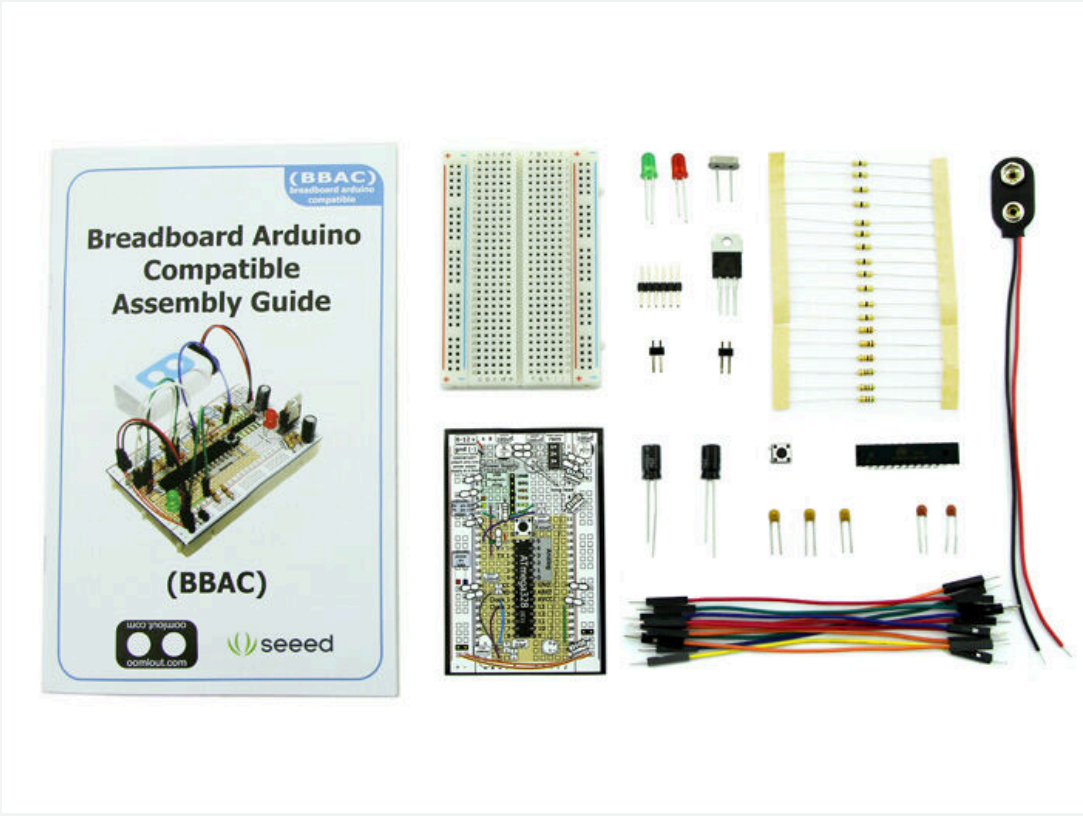
BBAC - Breadboard Based Arduino Compatible

Build your own Arduino-compatible microcontroller on a breadboard with this complete kit, including easy assembly instructions and full Arduino IDE compatibility, using an external Arduino board or FTDI cable for programming.

SKU	UPDATED	PRICE
110990166	2024-08-09 02:09:56	$5.90(Excl. VAT)



Overview



The BBAC kit provides all components, a breadboard, and printed guides to assemble an Arduino-compatible microcontroller featuring a preloaded ATmega328. It is fully compatible with the Arduino IDE but requires an Arduino Duemilanove/Uno board or FTDI USB-Serial cable for programming.

Key Features

This is a kit with all the components you need to produce your very own Arduino compatible on a breadboard. Simply place the included layout sheet on the breadboard then follow the fun Lego style assembly instructions in the included printed manual.

NOTE: This kit does not include any USB circuitry, thus to program it you will either require a spare Arduino USB (duemilanove or uno) board, or an FTDI USB-Serial programming cable (available here). (Instructions included)

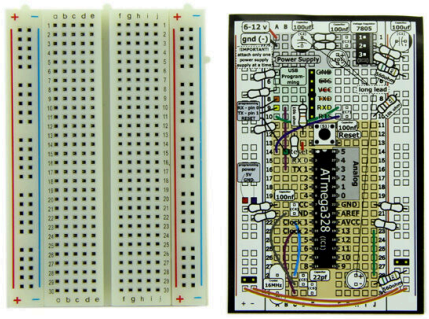
Features

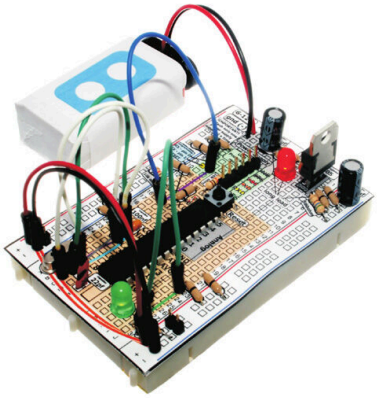
- Easy to assemble with printed guide and breadboard layout sheet.
- Fully compatible with the Arduino IDE.

Includes

1. Printed Color Assembly Guide
2. Printed Color Breadboard Layout Sheet (to make component placement easy)
3. 400 Contact Breadboard
4. ATMega328 (with Arduino bootloader preloaded (Duemilanove))
5. 16 MHz Crystal
6. Capacitors (2x100uf, 2x100nf, 2x22pf)
7. Resistors (2x560ohm, 2x10k ohm, 12x 0 ohm)
8. LEDs (Red power, green pin 13)
9. Jumper Wires
10. Pushbutton (for reset)
11. 6 Pin Header (for programming with an FTDI USB-Serial cable)
12. 7805 Voltage Regulator
13. 9v battery clip

Product Gallery





Resource Links

- https://www.seeedstudio.com/BBAC-Breadboard-Based-Arduino-Compatible-p-1483.html

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