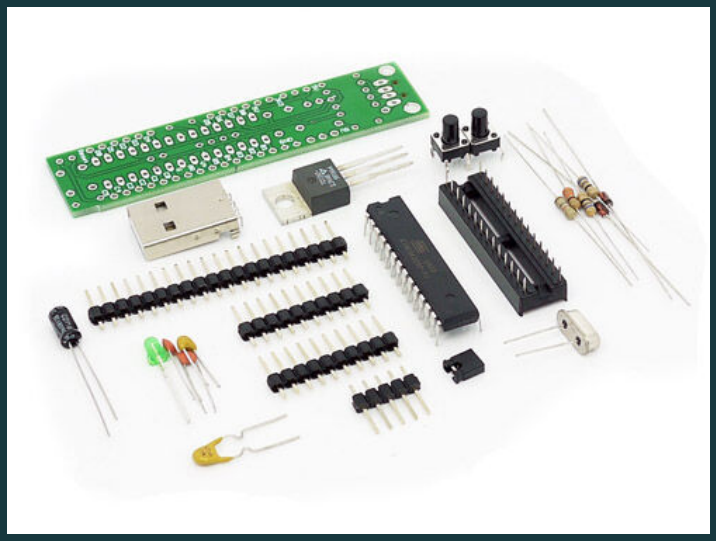
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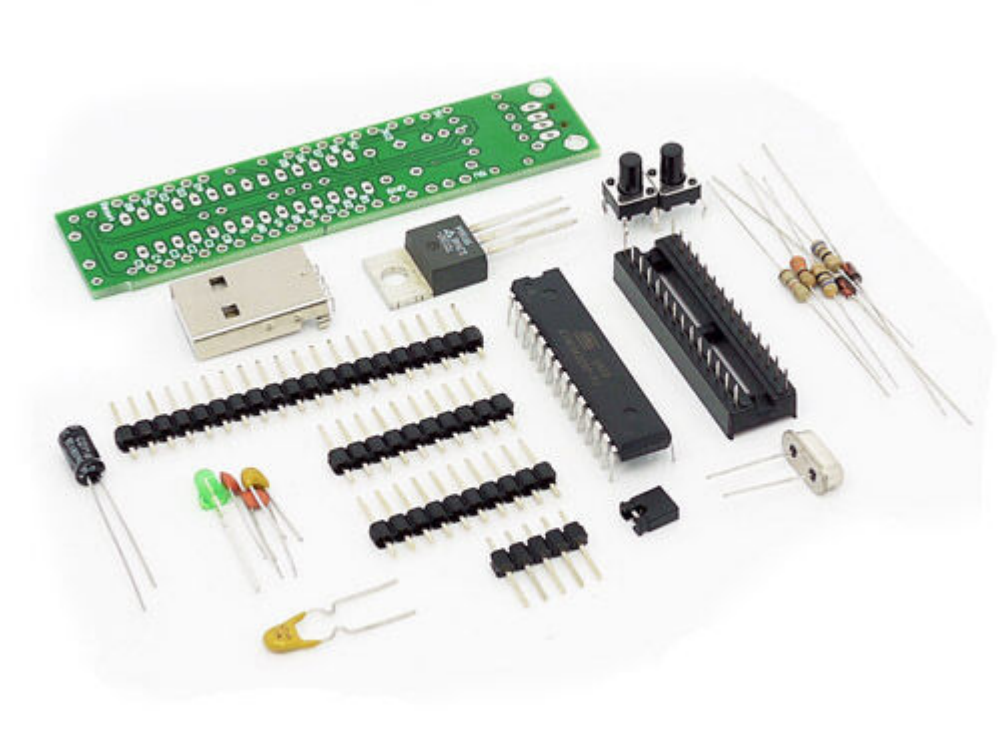
Usnoobie Kit

The USnooBie Kit is a microcontroller kit that enables native USB bootloading of AVR microcontrollers for USB and general-purpose projects, in a compact, selectable-voltage design with built-in protection.

SKU	UPDATED	PRICE
110060014	2024-08-09 02:12:57	$16.00(Excl. VAT)



Overview



The USnooBie Kit allows programming Atmel AVR ATmega microcontrollers without any AVR programmer or USB-to-serial converter, using a native USB bootloader that works cross-platform with AVRDUDE. It is ideal for creating low-cost USB devices such as keyboards, mice, and joysticks, as well as non-USB projects, and features a thin design, selectable voltage, and short-circuit protection.

Key Features

The USnooBie is a microcontroller kit that does not require any sort of AVR programmer or USB-to-serial converters to load and run compiled code. Its hardware design allows the user to develop low cost USB devices with Atmel's AVR ATmega microcontrollers. It can also be used to develop projects which are not USB devices.

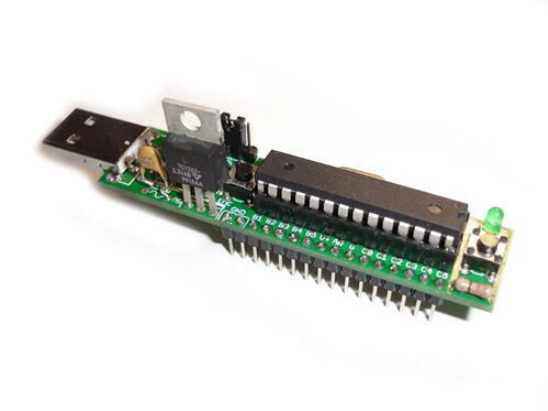
Features

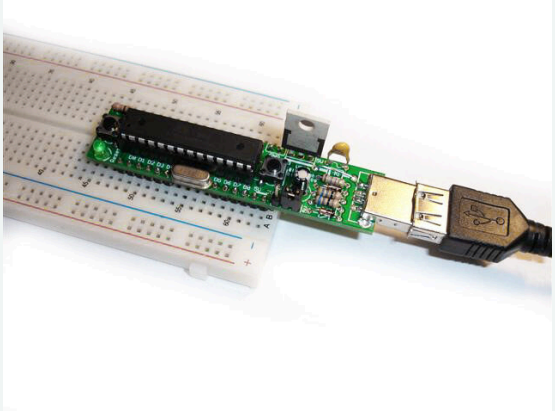
- No AVR programmer is needed and no USB-to-serial converter is needed to bootload. The bootloader uses native USB and works with AVRDUDE.
  - This makes USnooBie the fastest and cheapest way to get started programming AVR microcontrollers
  - AVRDUDE is cross platform, so it works on Windows, Linux, and Macs.
- Make V-USB based USB devices using AVR microcontrollers, great for making keyboards, mice, joysticks, gamepads, and other neat gadgets.
- Of course, you can also make non-USB projects as well because USnooBie uses the same microcontroller as Arduino.
- Thin design for use with breadboards or plugs straight into a USB port.
- Operating voltage is selectable between 5V and 3.3V by a jumper.
- Self-resetting fuse included to protect your computer against short circuits.

Documents

Please visit our wiki page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to ourforum.

Product Gallery





Compliance & Logistics

HSCODE

Resource Links

- https://www.seeedstudio.com/Usnoobie-Kit-p-708.html

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