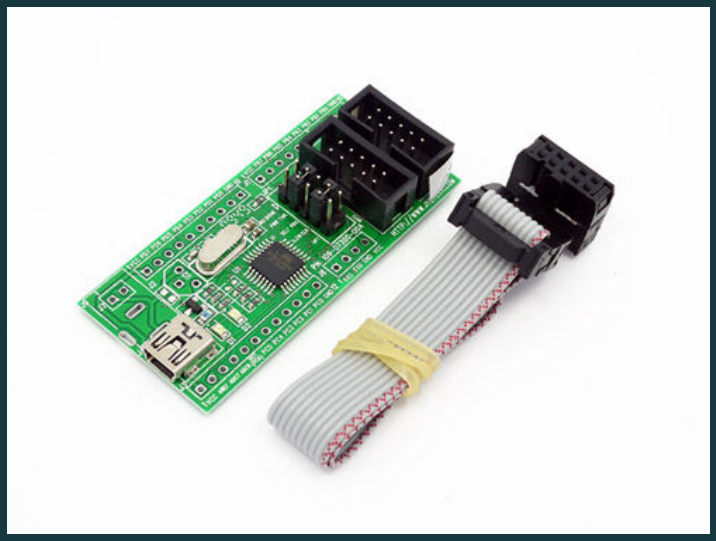
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INDUSTRIAL PRODUCT DATASHEET

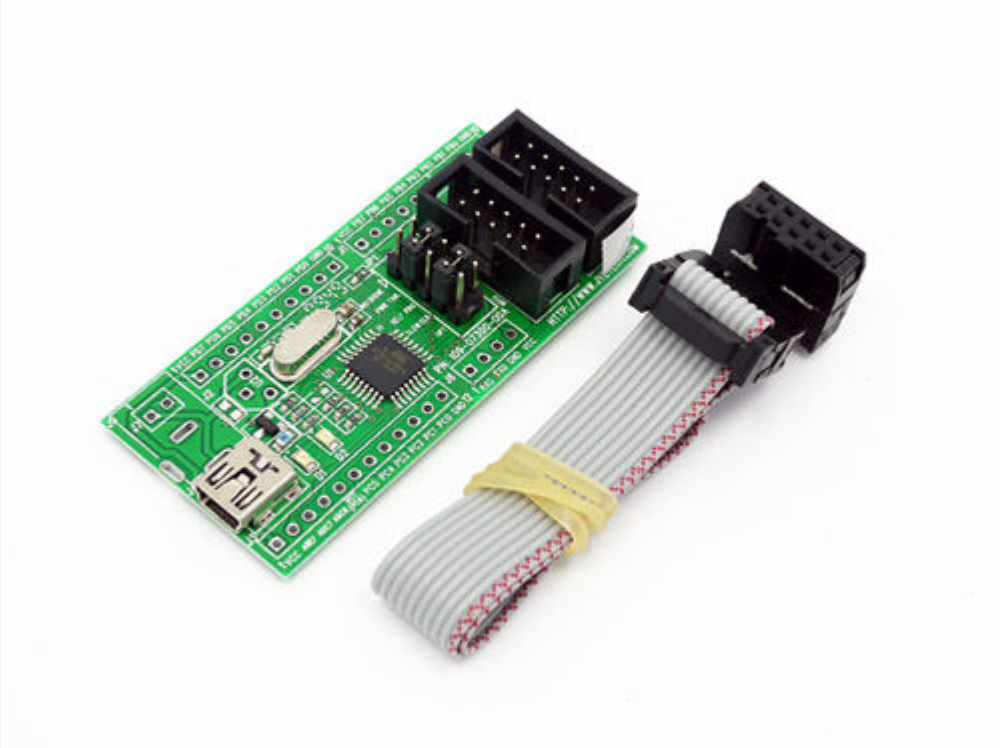
AVR USB Programmer

The AVR USB Programmer (07302) is a USBASP-compatible board for programming AVR microcontrollers, featuring on-board ATmega48 with prototyping-friendly I/O access and convertible to a UART/USB converter.

SKU	UPDATED	PRICE
105990001	2024-08-09 02:12:57	$15.00(Excl. VAT)



Overview



The AVR USB Programmer (07302) is a USBASP-compatible device that programs most AVR microcontrollers via USB, built around an ATmega48 microcontroller with all I/O pins broken out to 0.1-inch pitch pads for easy prototyping. It supports separate powering, includes a header for programming 062 oscilloscopes, and can be reflashed to function as a UART/USB converter using AVRCDC firmware.

Key Features

Features

- Can be used to program most AVR microcontrollers via USB (USBASP compatible. See **http://www.fischl.de/usbasp/** for details)
- A general purpose AVR Mega48 board with **all I/Os brought to sides of board** and holes matching 0.1 inch pitch prototype boards. Excellent for AVR experiments and developments. (Note: 07302 is shipped with ATmega48 on board)
- Can be separately powered by adding two commonly available through-hole components
- Compatible header provided for programming 062 oscilloscopes
- Can be converted to Uart/USB converter by simply reflashing it with AVRCDC firmware (available at **http://www.recursion.jp/avrcdc/**) and adding one resistor

Accessory included:

10-core programming ribbon cable
Optional:**miniUSB cable**

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 our **forum**.

Compliance & Logistics

HSCODE	8543909000

Resource Links

- **https://www.seeedstudio.com/AVR-USB-Programmer-p-696.html**
- **How to Use the USB Programmer**
- **Schematic**
- **Assembly drawing**
- **Supporting software (Windows/linux, in English)**
- **AVR programmer firmware and USB driver**

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