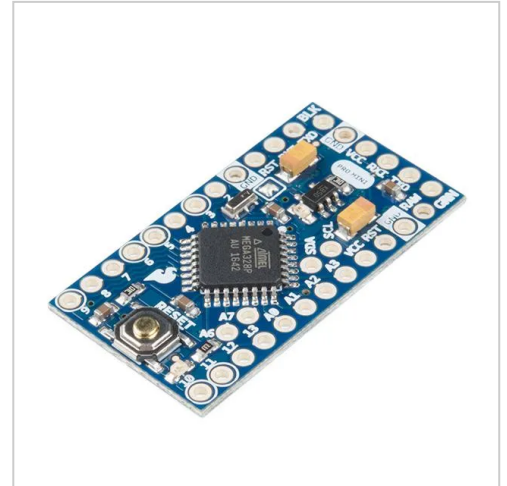


Arduino Pro Mini 328, 5V/16MHz

It's blue! It is thin! It's the Arduino Pro Mini! SparkFun's minimal design approach to Arduino. This is a 5V Arduino running the 16MHz bootloader. The Arduino Pro Mini does not come with assembled connectors, so you can

Product number DEV-11113

Weight 0.002kg



Product description

It's blue! It is thin! It's the Arduino Pro Mini! SparkFun's minimal design approach to Arduino. This is a 5V Arduino running the 16MHz bootloader. The Arduino Pro Mini does not come with assembled connectors, so you can solder in any connector or wire with any orientation. We recommend that Arduino beginners start with the Uno R3. It's a great board to get you started quickly. The Arduino Pro series is for users who understand the limitations of the system voltage (5V), lack of connectors and USB outside the board.

We really wanted to minimise the cost of an Arduino. To achieve this, we used all SMD components, made it dual layer, etc. This board connects directly to the FTDI Basic Breakout Board and supports auto-reset. The Arduino Pro Mini also works with the FTDI cable, but the FTDI cable does not bring out the DTR pin, so the auto-reset function will not work. There is a voltage regulator on board so it can accept a voltage up to 12VDC. If you power the board with unregulated voltage, make sure you connect it to the "RAW" pin and not VCC.

The latest and greatest version of this board breaks out the ADC6 and ADC7 pins and adds footprints for optional I2C pull-up resistors! We've also taken the opportunity to put the [OSHW logo](#) on it.

Note: A portion of this sale goes back to Arduino LLC to fund further development of new tools and new IDE features.

Features:

- ATmega328 runs at 16MHz with external resonator (0.5% tolerance)
- 0.8mm thin board
- USB connector outside the board
- Supports auto-reset
- 5V regulator
- Max. 150mA output
- Overcurrent protection
- Weighs less than 2 grams!
- DC input 5V to 12V
- Power and status LEDs on the circuit board
- Analogue pins: 8
- Digital I/Os: 14
- 0.7x1.3" (18x33mm)

Documents:

- [Circuit diagram](#)
- [Eagle files](#)
- [Tutorial for the first steps](#)
- [Graphical data sheet](#)
- [GitHub](#)

Product properties

Gross Weight (kg)	0.002
Country of Origin	USA
Brand	SparkFun
Product ID	DEV-11113
Manufacturer ID	DEV-11113
EAN	5903351240673
Zolltarifnummer	85423111

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