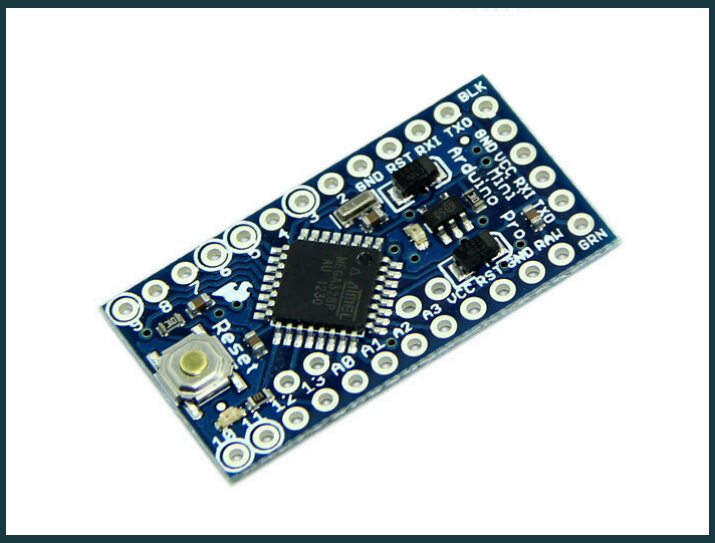
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INDUSTRIAL PRODUCT DATASHEET

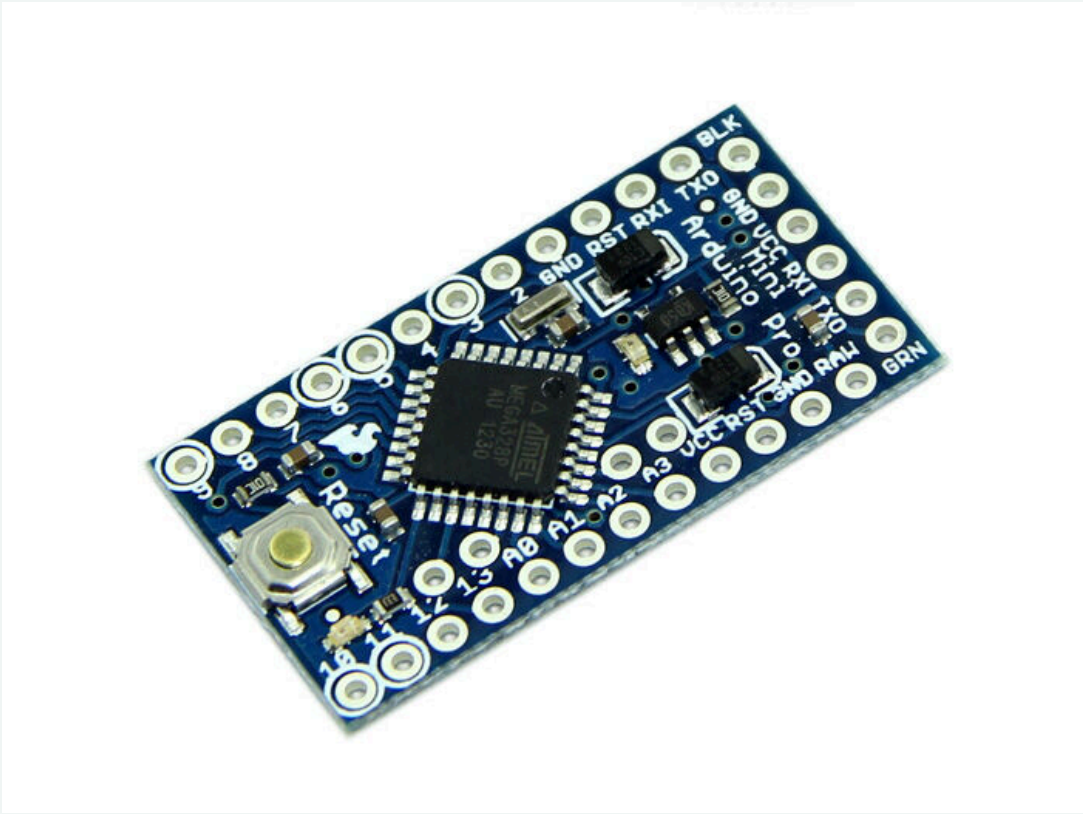
Arduino Pro Mini 328 - 3.3V&8MHz

Low-voltage ATmega328p board with 14 digital I/O, 8 analog pins, and off-board USB, optimized for 3.3V applications.

SKU	UPDATED	PRICE
102990078	2024-08-09 02:09:56	$9.95(Excl. VAT)



Overview



The Arduino Pro Mini 328 - 3.3V&8MHz is a microcontroller board based on the ATmega328p, featuring 14 digital I/O pins (6 PWM), 8 analog pins, and a compact 18x33mm form factor. It operates at 3.3V with an external resonator and requires an off-board USB-to-serial adapter for programming, making it ideal for low-voltage, space-constrained applications.

Key Features

The Arduino Pro Mini is a microcontroller board based on the ATmega328p. It has 14 digital input/output pins (of which 6 can be used as PWM outputs), 6 analog inputs, an on-board resonator, a reset button, and holes for mounting pin headers. A six pin header can be connected to an **USB to serial adapter** to provide USB power and communication to the board.

The Arduino Pro Mini is intended for semi-permanent installation in objects or exhibitions. The board comes without pre-mounted headers, allowing the use of various types of connectors or direct soldering of wires. The pin layout is compatible with the Arduino Mini.

There are two version of the Pro Mini. One runs at 3.3V and 8 MHz, the other at 5V and 16 MHz.

Dimensions

- 0.7x1.3" (18x33mm)

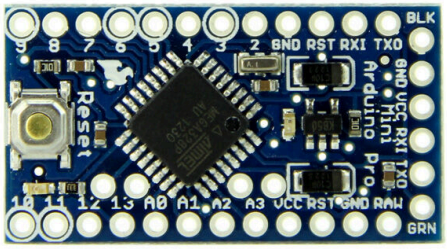
Features

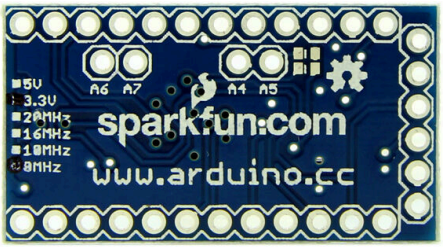
- ATmega328 running at 8MHz with external resonator (0.5% tolerance)
- Low-voltage board needs no interfacing circuitry to popular 3.3V devices and modules (GPS, accelerometers, sensors, etc)
- 0.8mm Thin PCB
- USB connection off board
- Weighs less than 2 grams!
- Supports auto-reset
- 3.3V regulator
- Max 150mA output
- Over current protected
- DC input 3.3V up to 12V
- On board Power and Status LEDs
- Analog Pins: 8
- Digital I/Os: 14

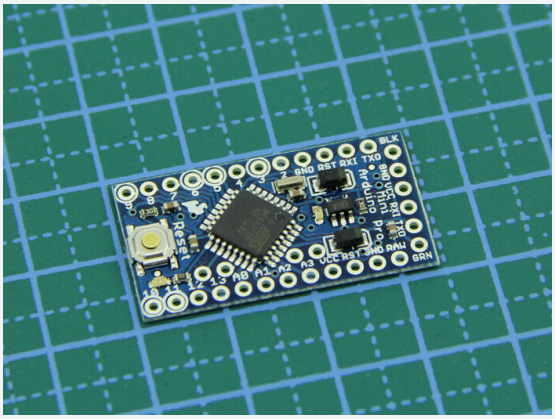
Documents

- **Schematic**
- **Eagle Files**
- **Getting Started Tutorial**

Product Gallery







Compliance & Logistics

HSCODE	9030900090
ROHS	1

Resource Links

- https://www.seeedstudio.com/Arduino-Pro-Mini-328-3-3V-8MHz-p-1442.html

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