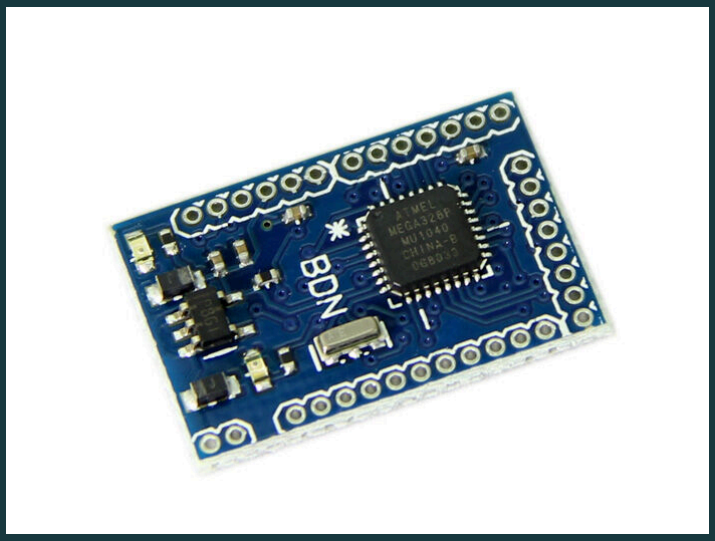
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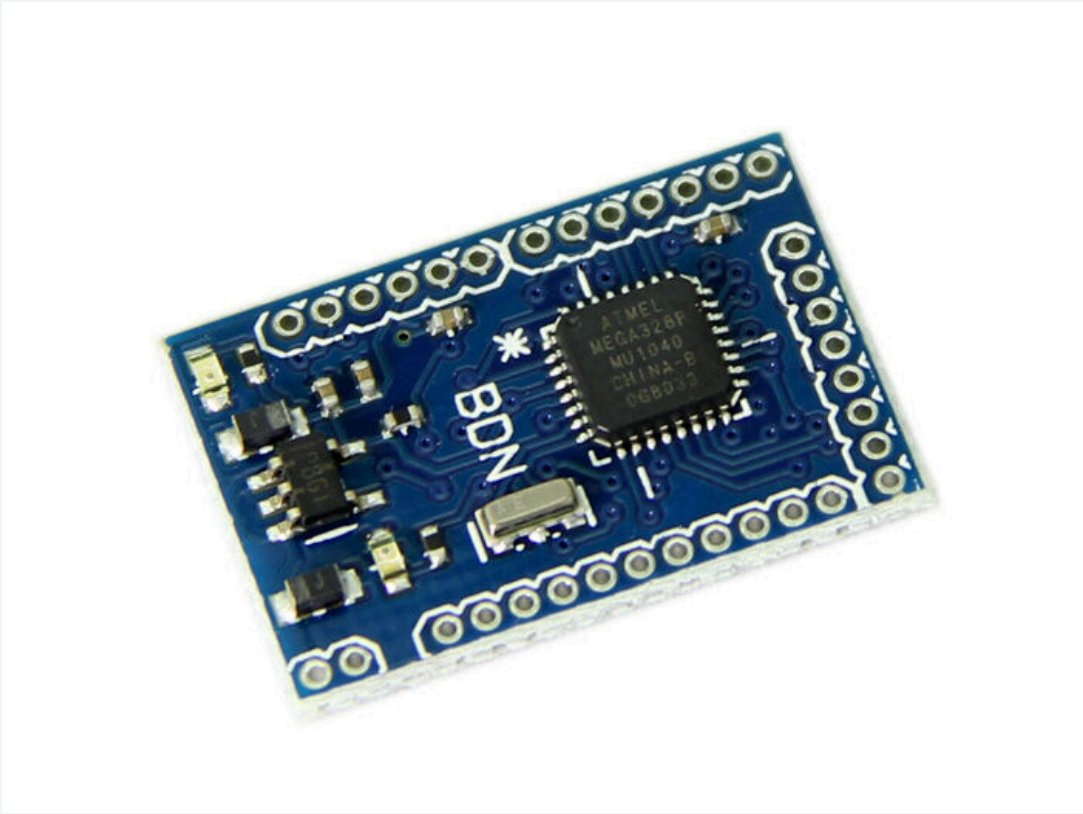
BareDuino Nano

The BareDuino Nano: the world's smallest Arduino-compatible board with full Uno processing power, ATmega328P-MU, 14 digital I/O, 8 analog pins, and FTDI programming in a 21x14mm form factor.

SKU	UPDATED	PRICE
102990006	2024-08-09 02:09:42	$4.99(Excl. VAT)



Overview



The BareDuino Nano is the world's smallest Arduino compatible board, based on SparkFun's Arduino Pro Mini, featuring 14 digital I/O pins, 8 analog pins, a 16 MHz crystal, and an FTDI programming interface. It includes an ATmega328P-MU microcontroller, on-board voltage regulator, power and pin 13 LEDs, and fits a compact 21x14mm footprint with 1.27mm pin spacing.

Key Features

The BareDuino Nano is the world's smallest Arduino compatible board. Based on SparkFun's Arduino Pro Mini, it features 14 digital input/output pins, 8 analog pins, a 16 MHz crystal oscillator and FTDI interface ports for programming.

The board contains everything needed to get started. Just connect your unregulated power to the VIN ports or supply the board directly using the 5V line. Standard rigid wires plug nicely into the BareDuino's 1.27mm spaced holes to allow for easy prototyping.

Features

- Same processing power as Arduino Uno
- Very small footprint (21x14mm)
- Pre-loaded with Arduino bootloader
- FTDI programming interface
- Power and pin 13 LED
- 5 Volt tolerant inputs
- On-board voltage regulator

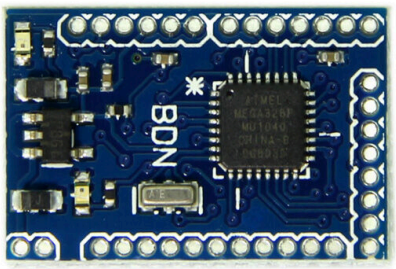
Specifications

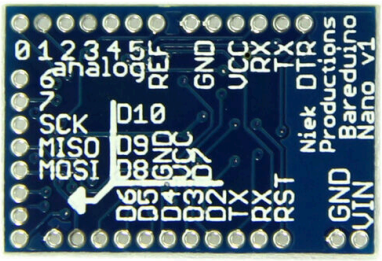
- Microcontroller: ATmega328P-MU
- Operating frequency: 16Mhz
- Input voltage: 5.3 to 9V
- Output voltage: 5V
- Output current: max 150mA
- Digital I/O pins: 14
- Analog pins: 8
- Pin spacing: 1.27mm
- Weight: <2g
- Size: 21x14mm

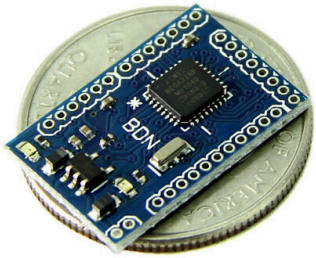
Product links

- **Designer's website**
- **GitHub repository**

Product Gallery







Compliance & Logistics

HSCODE	8538900000

Resource Links

- https://www.seeedstudio.com/BareDuino-Nano-p-1545.html

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