

Introduction to Arduino

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Arduino UNO



Arduino UNO (USA ONLY)
& Genuino UNO (OUTSIDE USA)

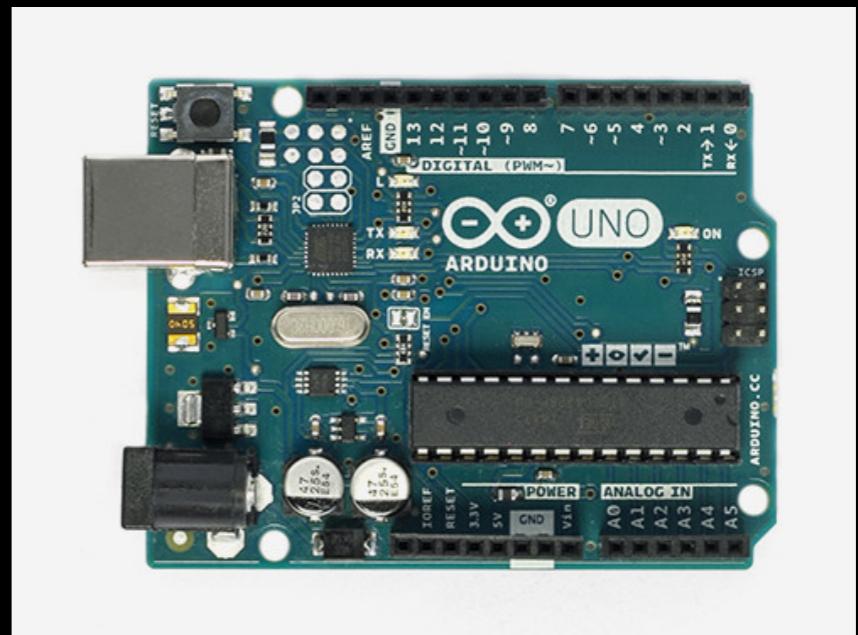
The UNO is the best board to get started with electronics and coding. If this is your first experience tinkering with the platform, the UNO is the most robust board you can start playing with. The UNO is the most used and documented board of the whole Arduino & Genuino family.

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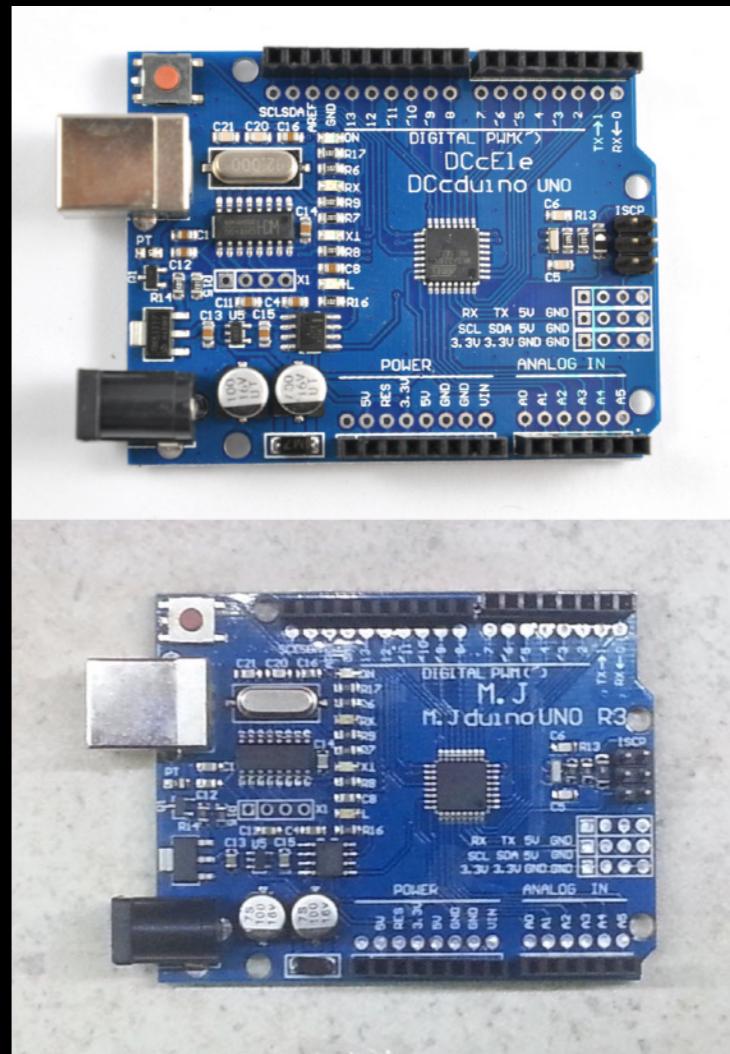
Arduino UNO

- Microcontroller: ATmega328
- Operating Voltage: 5V
- Input Voltage (recommended): 7-12V
- Input Voltage (limits): 6-20V
- Digital I/O Pins: 14
 - PWM Pins: 6 (of the 14)
- Analog Input Pins: 6
- DC Current per I/O Pin: 40 mA



Arduino UNO Clones

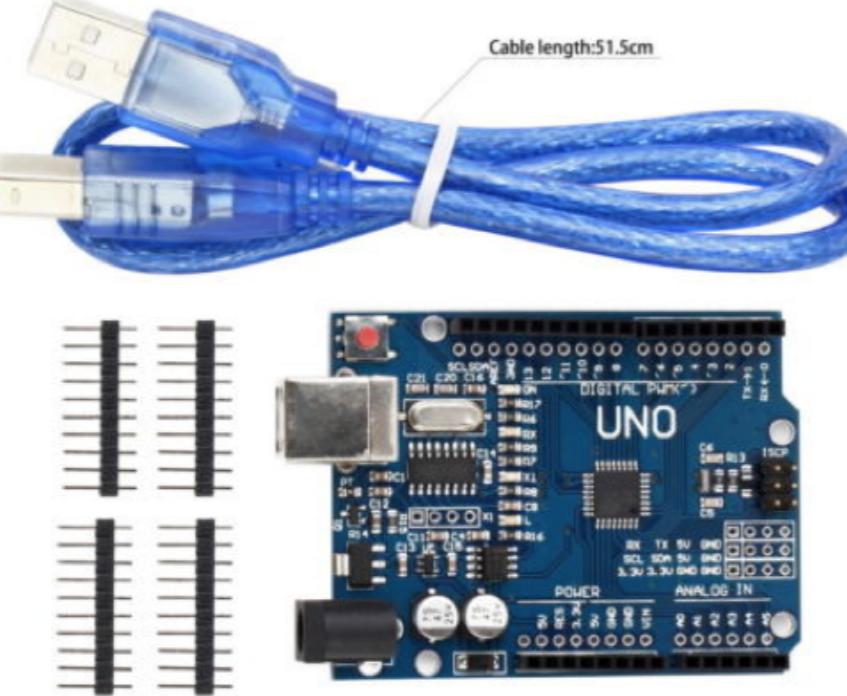
- Not official
- Difficult to use?
- May require weird drivers
- Questionable quality
- Super-Cheap!



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75576

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2014 Arduino UNO R3 Compatible ATmega328P Linux+MAC *BEST QUALITY-FAST US SHIP*

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6 January · 0

Are you sorely missing the physical locations of a certain major electronics store? What were they called, Radio Shed... Radio Cottage... Electronics Chalet? Something like that...

Well, never fear, we're here and we carry a wide variety of LEDs, ICs, individual resistors, switches, battery packs, some odd capacitors, connectors and more! Even the cool stuff like Raspberry Pi and Arduino starter kits. Stop on by and check out our selection!



Go Mega!

- Microcontroller: ATmega2560
- Digital I/O Pins: 56
 - PWM Pins: 15 (of the 56)
- Analog Input Pins: 16
- DC Current per I/O Pin: 40 mA



<https://store.arduino.cc/usa/arduino-mega-2560-rev3>

Goo Mega!



Roll over image to zoom in

Elegoo

Elegoo LYSB01H4ZDYCE-
ELECTRNCSMEGA 2560 R3 Board
ATmega2560 ATMEGA16U2 with USB
Cable Compatible and Arduino

★★★★★ 5 customer reviews

| 27 answered questions

Amazon's Choice for "arduino mega 2560 rev3"

List Price: \$14.99

Business Price \$13.86 ✓prime

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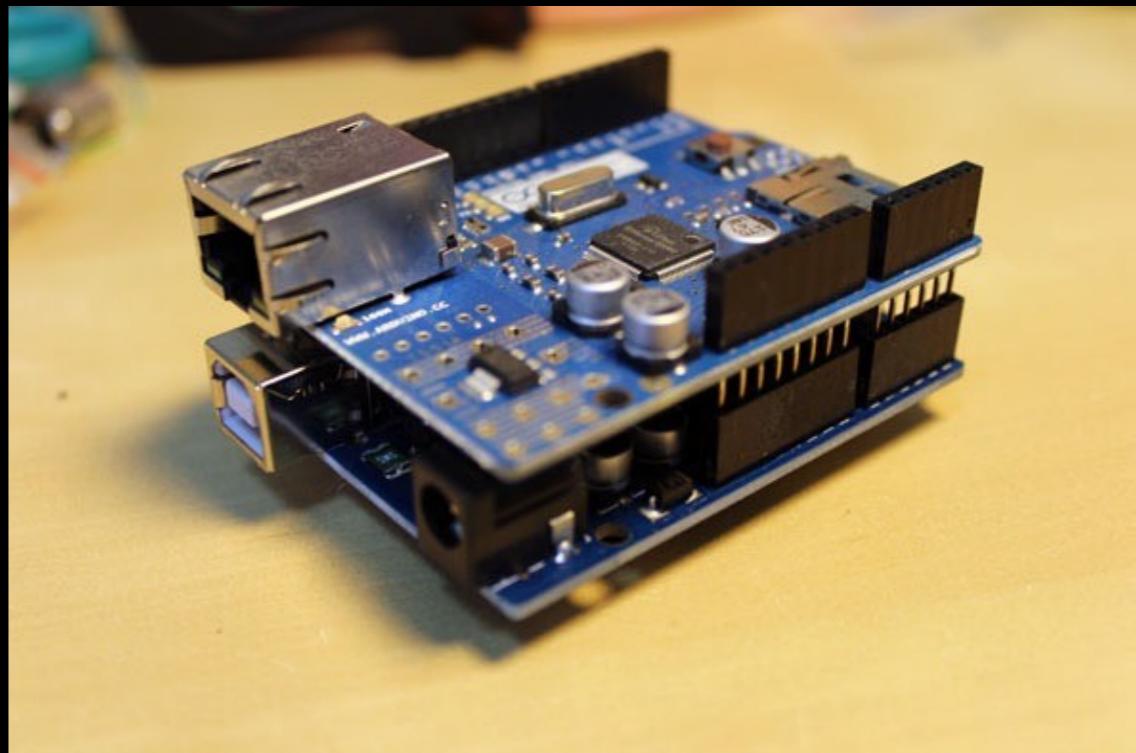
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MEGA

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- <https://learn.sparkfun.com/tutorials/tags/arduino>
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