Adafruit Metro 328 Starter Pack

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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

Heard about Arduino IDE-compatibles but not sure how to start? The Adafruit Metro is an ATmega328-based (like *a lot* of our own products) development board. Since it is shaped the same, and code/shield-compatible with the Arduino UNO R3 design, our Adafruit Metro is easy to use and hacker friendly and this is the perfect beginner kit for learning how to use the Adafruit Metro!

This bundle is designed to get you started quickly and easily on your path of learning electronics. Once you've received your starter pack you can follow the introductory tutorials here on my site, designed for everyone, even people with little or no electronics and programming experience. The starter pack has everything you need (except tools) for most of the lessons.

It includes:

- **Adafruit Metro 328 w/ Headers** - The Adafruit Metro - assembled and ready to go, including 4 rubber feet
- **MicroUSB Cable** - Perfect for connecting your Metro to a computer
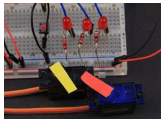- **Protoshield Kit** - Get hacking with the best prototyping shield out there!

- **9V DC regulated wall adapter** - You can power your Metro from any wall socket. This switching regulator is efficient and small and works with US (110V) and European (220V) power.
- **9V Battery case with switch and a 2.1mm plug**- so you can power your Metro using a 9V battery. This case is much sturdier than just a battery clip and it has an on/off switch too! Note that this comes unassembled
- **Tutorial starter pack parts** - Includes a **10K potentiometer**, **1K potentiometer**, **2 small pushbuttons**, **5 red diffused bright LEDs**, one each of **red, green and blue ultra-bright LED**, **5 100 ohm resistors**, **5 1K resistors**, **5 10K resistors**, and a **CdS photocell** sensor.
- Also includes **65 flexible breadboard wires** in 8 colors, perfect for use with the solderless breadboard.
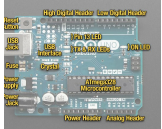

TECHNICAL DETAILS

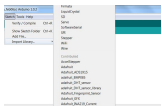We have tons of Arduino-compatible tutorials on the Adafruit Learning System too!

LEARN

Multi-tasking the Arduino - Part 1
Make your Arduino walk and chew gum at the same time.

Ladyada's Learn Arduino - Lesson #0
Hi There!

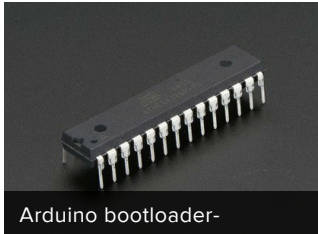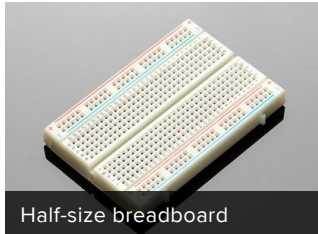All About Arduino Libraries
How to install and use Arduino Libraries

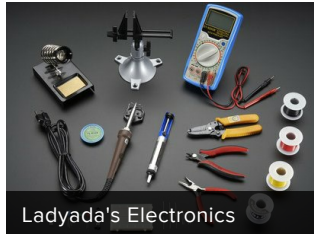## MAY WE ALSO SUGGEST...

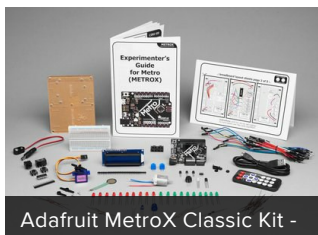|		
Arduino bootloader-	Half-size breadboard	Ladyada's Electronics
Motor party add-on pack for	Learn Electronics with	Adafruit Metro 328 Starter
Adafruit Parts Pal	Adafruit MetroX Classic Kit -	1Sheeld+ for iOS and
Flotilla Mega Treasure	Budget Pack for Metro 328 -	Clear Enclosure for Arduino

"The master in the art of living makes little distinction between... work and play" - L. P. Jacks

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