

ARDUINO

Arduino is the popular open-source electronics prototyping platform based on easy-to-use hardware and software. It's intended for artists, designers, hobbyists, and anyone interested in creating interactive objects or environments and is designed to be as flexible as possible to fit your project's needs.

From the classic Arduino R3, to the new Arduino Certified Intel Galileo Development Board, Arduino has a large and diverse line of products that Adafruit carries and supplements with our diverse line of boards and packs. For beginners, check out the Adafruit ARDx or Adafruit Starter Pack.

For more advanced users, check out our line of Project Packs like the SousViduino - an open source, do-it-



you need to
these, and
for all your



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Adafruit METRO 328 without Headers

PRODUCT ID: 2466

We sure love the ATmega328 here at Adafruit, and we use them a lot for our own projects. The processor has plenty of GPIO, Analog inputs, hardware UART SPI and I2C, timers and PWM galore - just enough for most simple projects. When we need to go small, we use a Pro Trinket 3V or 5V, but when size isn't as much of a concern, and a USB-serial converter is required, we reach for an Adafruit METRO. METRO is the culmination of years of playing...

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\$19.50

IN STOCK

Adafruit ARDX - v1.3 Experimentation Kit for Arduino (Uno R3)

PRODUCT ID: 170

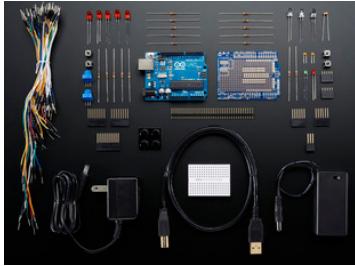
Adafruit is currently shipping R3 of the Arduino Uno Interested in making neat stuff with an Arduino but not sure where to start? This kit includes all the pieces needed to complete 11 different circuits, along with a experimenter's guide booklet & breadboard layout sheets. Basically everything you need to be playing within minutes of it coming in the box! No soldering required! Includes the Thru-hole (THM) type Arduino Uno R3. The new Uno is the...

Arduino Uno R3 (Atmega328 - assembled)

PRODUCT ID: 50

As of July 4th, 2015 the Arduino Uno R3 is now being manufactured in the United States in partnership with our good friends at arduino.cc! The Arduino Uno R3 is the latest version after the Duemilanove with an improved USB interface chip. Like the Duemilanove, it not only has an expanded shield header with a 3.3V reference and a RESET pin (which solves the problem of how to get to the RESET pin in a shield) AND 500mA fuse to...
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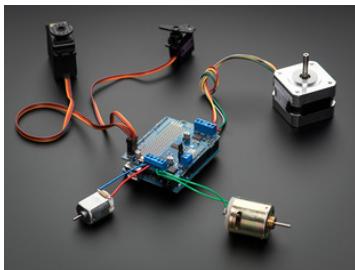
Starter Pack for Arduino (Includes Arduino Uno R3)

PRODUCT ID: 68

Heard about Arduino but not sure how to start? Want to learn how to work with electronics and microcontrollers but need a little help? You've come to the right place! 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...

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16 IN STOCK



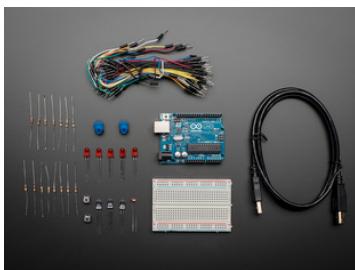
Adafruit Motor/Stepper/Servo Shield for Arduino v2 Kit

PRODUCT ID: 1438

The original Adafruit Motorshield kit is one of our most beloved kits, which is why we decided to make something even better. We have upgraded the shield kit to make the bestest, easiest way to drive DC and Stepper motors. This shield will make quick work of your next robotics project! We kept the ability to drive up to 4 DC motors or 2 stepper motors, but added many improvements: Instead of a 200A darlington driver, we now have the TB6612...

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Budget Pack for Arduino (Arduino Uno R3)

PRODUCT ID: 193

Adafruit is currently shipping R3 of the Arduino Uno An optimized collection of parts and pieces to experiment with an Arduino at home, school or work. Great for students and those that want to get their feet wet, no soldering required! Includes the Thru-hole (THM) type Arduino Uno R3. The new Uno is the latest version after the Duemilanove, with an improved USB interface chip. Like the Duemilanove, it now only has the expanded shield header with...

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Arduino Mega 2560 R3 (Atmega2560 - assembled)

PRODUCT ID: 191

As of October 5th, 2015 the Arduino Mega R3 is now being manufactured in the United States in partnership with our friends at arduino.cc! This is the

Arduino Mega R3. The Arduino Mega 2560 is a microcontroller board based on the ATmega2560 (datasheet). It has 54 digital input/output pins (of which 15 can be used as PWM outputs), 16 analog inputs, 4 UARTs (hardware serial ports), a 16MHz crystal oscillator, a USB connection, a...

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\$45.95

OUT OF STOCK

Adafruit PN532 NFC/RFID Controller Shield for Arduino + Extras

PRODUCT ID: 789

We've taken our popular Adafruit PN532 breakout board and turned it into a shield - the perfect tool for any 13.56MHz RFID or NFC application. The Adafruit NFC shield uses the PN532 chip-set (the most popular NFC chip on the market) and is what is embedded in pretty much every phone or device that does NFC. This chip is very powerful, and can pretty much do it all, such as read and write to tags and cards, communicate with phones (say for...

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Adafruit Wave Shield for Arduino Kit

PRODUCT ID: 94

Adding quality audio to an electronic project is surprisingly difficult. Here is a shield for Arduinos that solves this problem. It can play up to 22KHz 12bit uncompressed audio files of any length. It's low cost, available as an easy-to-make kit. It has an onboard DAC, filter and op-amp for high quality output. Audio files are read off of an SD/MMC card, which are available at nearly any store. Volume can be controlled with the onboard...

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Arduino Starter Kit from Arduino.cc

PRODUCT ID: 1078

The Arduino starter kit provides an open-source electronics prototyping platform based on flexible, easy-to-use hardware and software. It contains all of the essential components required to start programming with the Arduino Uno board, and a guidebook featuring 15 different projects, which are designed to evolve the user from beginner to professional level. The starter kit has been developed together with a series of ten video tutorials hosted...

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\$124.95

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Adafruit Assembled Data Logging shield for Arduino

PRODUCT ID: 1141

Here's a handy Arduino shield: we've had a lot of people looking for a dedicated and well-designed data logging shield. We worked hard to engineer an inexpensive but well-rounded design. Not only is it easy to assemble and customize, it also comes with great documentation and libraries. New! we now are carrying an 'assembled' version of this shield, with all the components pre-soldered. NOTE: You will only need to solder on...

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Adafruit Ultimate GPS Logger Shield - Includes GPS Module

PRODUCT ID: 1272

Brand new and better than ever, we've replaced our Adafruit GPS shield kit with this assembled shield that comes with an Ultimate GPS module. This GPS shield works great with either UNO or Leonardo Arduinos and is designed to log data to an SD card. Or you can leave the SD card out and use the GPS for a geocaching project, or maybe a music player that changes tunes depending on where you are in the city. 165d3m sensitivity, 10 Hz...

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FTDI Serial TTL-232 USB Cable

PRODUCT ID: 70

Just about all electronics use TTL serial for debugging, bootloading, programming, serial output, etc. But it's rare for a computer to have a serial port anymore. This is a USB to TTL serial cable, with a FTDI FT232RL usb/serial chip embedded in the head. It has a 6-pin socket at the end with 5V power and ground, as well as RX, TX, RTS and CTS at 3V logic levels. These are perfect for use with a Boarduino, Meggy's, or other Arduino...

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IN STOCK

Adafruit HUZZAH CC3000 WiFi Shield with Onboard Antenna

PRODUCT ID: 1491

For years we've seen all sorts of microcontroller-friendly WiFi modules but none of them were really Adafruit-worthy. Either they were too slow, or too



difficult to use, or required signing an NDA, or had limited functionality, or too expensive, or too large. So we shied away from creating or developing a WiFi Arduino shield. NO LONGER! The CC3000 hits that sweet spot of usability, price, and capability. It uses SPI for communication (not...)

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\$39.95

IN STOCK

Half-size breadboard

PRODUCT ID: 64

This is a cute half size breadboard, good for small projects. It's 2.2" x 3.4" (5.5 cm x 8.5 cm) with a standard double-strip in the middle and two power rails on both sides. You can pull the power rails off easily to make the breadboard as thin as 1.4" (3.5cm) and stick it onto an Arduino protoshield. You can also cut these in half with a saw to create 2 tiny breadboards, or "snap" these breadboards together either...

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\$5.00

IN STOCK

FTDI Friend + extras

PRODUCT ID: 284

Note: These use genuine FTDI chips, either we purchase them or they are manufactured to our specifications with the requirement of genuine FTDI chips 10/22/14 - read more. Long gone are the days of parallel ports and serial ports. Now the USB port reigns supreme! But USB is hard, and you just want to transfer your every-day serial data from a microcontroller to computer. What now? Enter the FTDI Friend! The FTDI Friend is a tweaked out FTDI...

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\$14.75

IN STOCK

Arduino Ethernet shield R3 with micro SD connector - Assembled

PRODUCT ID: 201

The Arduino Ethernet Shield R3 (assembled) allows an Arduino board to connect to the internet. It is based on the Wiznet W5100 ethernet chip (datasheet). The Wiznet W5100 provides a network (IP) stack capable of both TCP and UDP. It supports up to four simultaneous socket connections. Use the Ethernet library to write sketches which connect to the internet using the shield. Adafruit started shipping the R3 version on Feb. 3, 2012 at 3:30pm ET....

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\$45.00

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Parallax BOEBot Robot for Arduino Kit

PRODUCT ID: 749

This kit brings the excellent design and tutorials of Parallax to the Arduino world. Make your Arduino the onboard brain of a mobile robot and learn robotics, electronics, and programming with this versatile kit and its accompanying step-by-step lessons. The Board of Education Shield plugs into your own Arduino (not included) and mounts on the popular Boe-Bot robot chassis. With this kit and your own Arduino module, you can follow the Robotics...

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\$124.95

28 IN STOCK

9 VDC 1000mA regulated switching power adapter - UL listed

PRODUCT ID: 63

This is a really nice power supply. It's a switching DC supply so it's small and light and efficient. It is thin so it fits in power strips without blocking other outlets. The output is regulated so you'll get a steady 9V up to 1000mA (1 Amp) of current draw. 5.5mm x 2.1mm barrel jack, positive tip. This supply is designed to work anywhere in the world, 100V-240V AC wall power, you'll just need a low cost plug adapter. New! This adapter...

Arduino YUN (YÚN)

PRODUCT ID: 1498

Arduino Yún 云 Arduino Yún is the first member of a new groundbreaking line of wifi products combining the power Linux with ease of use of Arduino. Yún means "cloud" in Chinese language as the purpose of this board is to make it simple to connect to complex web services directly from Arduino. The first Arduino Yún is the combination of a classic Arduino Leonardo (based on the Atmega32U4 processor) with a...

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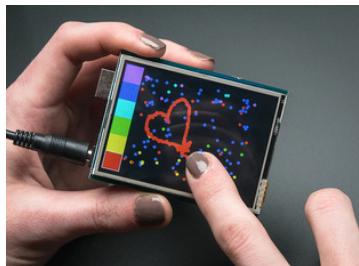
\$74.95

OUT OF STOCK

2.8" TFT Touch Shield for Arduino with Resistive Touch Screen

PRODUCT ID: 1651

Spice up your Arduino project with a beautiful large touchscreen display shield with built in microSD card connection. This TFT display is big (2.8" diagonal)

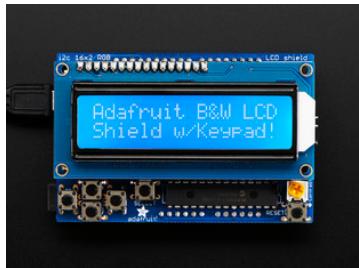


bright (4 white-LED backlight) and colorful (18-bit 262,000 different shades)! 240x320 pixels with individual pixel control. It has way more resolution than a black and white 128x64 display. As a bonus, this display has a resistive touch screen attached to its display, so you can detect...

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\$34.95

5 IN STOCK



LCD Shield Kit w/ 16x2 Character Display - Only 2 pins used!

PRODUCT ID: 772

This new Adafruit shield makes it easy to use a 16x2 Character LCD. We really like the Blue & White 16x2 LCDs we stock in the shop. Unfortunately, these LCDs do require quite a few digital pins, 6 to control the LCD and then another pin to control the backlight for a total of 7 pins. That's almost half of the pins available on a classic Arduino! With this in mind, we wanted to make it easier for people to get these LCDs into their...

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\$19.95

68 IN STOCK

Arduino Micro with Headers - 5V 16MHz - (ATmega32u4 - assembled)

PRODUCT ID: 1086

Squeee! It's the cutest, tiniest little Arduino yet! The Arduino Micro packs all of the power of the Arduino Leonardo in a 1.9" x 0.7" (48mm x 18mm) size. Although it may look like a stick of gum, it's actually a USB-native 8-bit microcontroller with 32K of flash and 2K of RAM. You can program it directly via the USB micro connector on one end (or for the advanced users, the 6-pin ISP header). The Arduino Micro is a...

Motor party add-on pack for Arduino

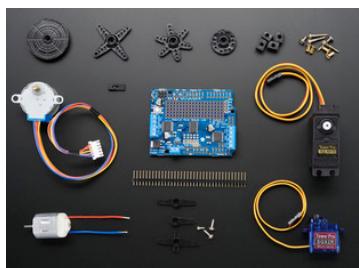
PRODUCT ID: 171

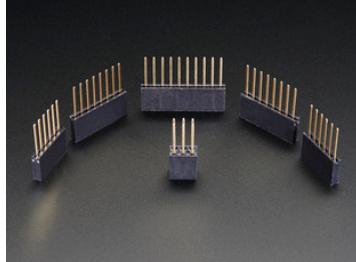
Make your own Arduino motor party with a motor shield and a fine assortment of motors! New! we've upgraded the shield to our new version 2, with more powerful drivers, and uses fewer pins to boot! Included in this add-on pack is: Motor shield V2 for Arduino 6 volt DC hobby motor Small stepper motor Standard size servo Micro size servo An Arduino is not included, and you'll need one to use the shield. The shield alone, take a little...

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\$42.00

IN STOCK





Shield stacking headers for Arduino (R3 Compatible)

PRODUCT ID: 85

"How could something so simple be so useful?" We heard once that in the 4th millenium B.C. some guy asked the person who invented the wheel that question. The person who invented the wheel's answer, we were told, was something like "well it's not actually that simple - it required engineering and innovation and this thing called mathematics that probably hasn't been discovered yet and...

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\$1.95
IN STOCK

Arduino Due - assembled

PRODUCT ID: 1076

Put your Arduino project on TURBO mode with the high-speed, high-power Arduino Due! The Due cranks it up to 11 with an 84 MHz ARM core processor - 512K of FLASH storage! 96K of RAM! Both USB client and host! The Arduino Due is ideal for those who want to build projects that require high computing power. For example, remotely-controlled drones that, in order to fly, need to process a lot of sensor data per second - or an audio player that uses...

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\$49.95
IN STOCK

RGB LCD Shield Kit w/ 16x2 Character Display - Only 2 pins used!

PRODUCT ID: 714

This new Adafruit shield makes it easy to use a 16x2 Character LCD. We really like the RGB LCDs we stock in the shop both the RGB negative and RGB positive. Unfortunately, these LCDs do require quite a few digital pins, 6 to control the LCD and then another 3 to control the RGB backlight for a total of 9 pins. That's half of the pins available on a classic Arduino! With this in mind, we wanted to make it easier for people to get these LCD...

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\$24.95
IN STOCK

Arduino Uno Ethernet

PRODUCT ID: 418

As of 9/20/2012 Adafruit is currently shipping R3 of the Arduino Uno Ethernet. Deep in the Swiss Alps, the top secret Arduino Super-collider has accelerated both an Arduino UNO and Arduino Ethernet shield to near-light speeds and smashed them together, resulting in a wholly new Arduino Ethernet! This



Arduino has the goodness of Ethernet cooked right in, with an Ethernet jack, network indication lights, and a microSD card holder to store or serve...

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\$65.00
OUT OF STOCK

Tiny breadboard

PRODUCT ID: 65

This a tiny little breadboard...half the size of a half-size breadboard! Measures 1.4" x 1.6" (3.5 cm x 4.5cm) Perfect for tiny projects and for sticking onto the top of Arduino protoshields!

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\$4.00
IN STOCK

Adafruit 16-Channel 12-bit PWM/Servo Shield - I2C interface

PRODUCT ID: 1411

You want to make a cool Arduino robot, maybe a hexapod walker, or maybe just a piece of art with a lot of moving parts. Or maybe you want to drive a lot of LEDs with precise PWM output. Then you realize that the Arduino has only a few PWM outputs, and maybe those outputs are conflicting with another shield! What now? You could give up OR you could just get our handy PWM and Servo driver shield. It's just like our popular PWM/Servo Breakout...

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\$17.50
IN STOCK

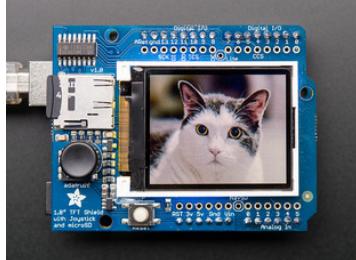
DC Boarduino (Arduino compatible) Kit (w/ATmega328)

PRODUCT ID: 72

If you've ever struggled to use a solderless breadboard with an Arduino, you understand how frustrating it can be! This clone acts just like an Arduino, and works with the latest Arduino software. For many projects it can even be preferable! The kit includes all parts necessary, the assembly is straightforward and well documented. Since this design doesn't include a USB chip, you'll want an FTDI USB 232-TTL cable or FTDI shield. Since the cable...

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\$17.50
54 IN STOCK



Adafruit 1.8" Color TFT Shield w/microSD and Joystick

PRODUCT ID: 802

This lovely little shield is the best way to add a small, colorful and bright display to any project. We took our popular 1.8" TFT breakout board and remixed it into an Arduino shield complete with microSD card slot and a 5-way joystick navigation switch (with a nice plastic knob)! Since the display uses only 4 pins to communicate and has its own pixel-addressable frame buffer, it can be used easily to add a display & interface without...

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90 IN STOCK

Proto-Screwshield (Wingshield) R3 Kit for Arduino

PRODUCT ID: 196

The next generation Proto-ScrewShield is a dual-purpose prototyping shield. Not only does it have a large 0.1" grid prototyping area but it also extends the Arduino pins to sturdy, secure, and dependable screw terminal blocks. You even get a few bonus terminals for extra GND and four 'free' terminals for whatever connections you wish! New! As of June 23, 2014 we now have an R3 update to this design - we now have a stacking...

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45 IN STOCK

Adafruit NeoPixel Shield for Arduino - 40 RGB LED Pixel Matrix

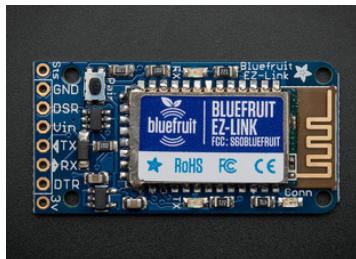
PRODUCT ID: 1430

Put on your sunglasses before putting this shield onto your 'duino - 40 eye-blistering RGB LEDs adorn the NeoPixel shield for a blast of configurable color. Arranged in a 5x8 matrix, each pixel is individually addressable. Only one pin (Digital #6) is required to control all the LEDs. You can cut a trace and use nearly any other pin if you need some customization. To make it easy to start, the LEDs are by default powered from the 5V onboard...

Bluefruit EZ-Link - Bluetooth Serial Link & Arduino Programmer

PRODUCT ID: 1588

We are excited to add another product to our growing Adafruit Bluefruit line, this time it's the Bluefruit EZ-Link: the best Bluetooth Serial Link device ever



made. Like you, we have purchased all sorts of Bluetooth serial link modules, with high expectations - we just wanted something that worked! But nothing ever did exactly what we wanted; there was always some configuration modes to **ADD TO CART** **\$22.50**
IN STOCK

Arduino Leonardo ATmega32u4 with headers

PRODUCT ID: 849

The Arduino Leonardo is a microcontroller board based on the exciting USB-enabled ATmega32u4 (datasheet). This chip has about the same amount of flash, RAM and capability as the ATmega328 found in the UNO. It has 20 digital input/output pins (of which 7 can be used as PWM outputs and 12 as analog inputs), a 16 MHz crystal oscillator, a micro USB connection, a power jack, an ICSP header, and a reset button. It contains everything needed to...

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\$24.95

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Arduino bootloader-programmed chip (Atmega328P)

PRODUCT ID: 123

This is a preprogrammed Atmega328P chip, useful if you want to make your own Arduino-compatible or repair a damaged chip on an existing Arduino UNO, Duemilanove, Diecimila, or NG! This chip is programmed with 'ADABoot', my version of the bootloader that is "quick-start" NG/diecimila/duemilanove/UNO-compatible. This means that there is still a 5-second delay from when you press the reset button to when the Arduino runs the...
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IN STOCK

Music & sound add-on pack for Arduino

PRODUCT ID: 175

Its a Wave shield party pack! Just add an Arduino to create your own iPod-killer, audio art, sound-effects box... Comes with: Latest Wave shield kit, works with more SD cards and with older NG Arduinos! Unassembled 1 or 2 GB SD card (brand or size may change, but we test one of each kind to verify it works well) Speaker - 3" diameter (77mm), 8 ohm impedance, good response between 200Hz to 10KHz (OK 1 is the max frequency the Wave shield...

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\$35.00

41 IN STOCK



9V battery holder with switch & 5.5mm/2.1mm plug

PRODUCT ID: 67

This is a 9V battery pack with on/off switch and a pre-attached 5.5mm/2.1mm barrel plug. Use this to battery-power your Arduino (or other electronic projects) - it's ready to go out of the box! Battery & screw not included.

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\$3.95
IN STOCK

Adafruit "Music Maker" MP3 Shield for Arduino w/3W Stereo Amp

PRODUCT ID: 1788

Bend all audio files to your will with the Adafruit Music Maker shield for Arduino! This powerful shield features the VS1053, an encoding/decoding (codec) chip that can decode a wide variety of audio formats such as MP3, AAC, Ogg Vorbis, WMA, MP4, AAC, MP4 (PCM and ADPCM). It can also be used to record audio in both PCM (WAV) and compressed Ogg Vorbis. You can do all sorts of stuff with the audio as well such as adjusting bass, treble, and...

2.8" TFT Touch Shield for Arduino w/Capacitive Touch

PRODUCT ID: 1947

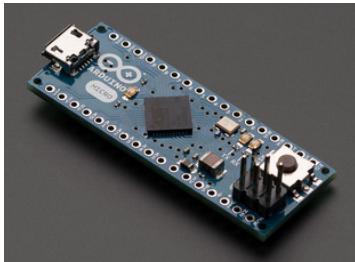
Add some sizzle to your Arduino project with a beautiful large touchscreen display shield with built in microSD card connection and a capacitive touchscreen. This TFT display is big (2.8" diagonal) bright (4 white-LED backlight) and colorful (18-bit 262,000 different shades)! 240x320 pixels with individual pixel control. It has way more resolution than a black and white 128x64 display. As a bonus this display has a capacitive touchscreen...

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\$44.95
2 IN STOCK

Arduino Micro without Headers - 5V 16MHz ATmega32u4 - Assembled

PRODUCT ID: 1315



Squeee! It's the cutest, tiniest little Arduino yet! The Arduino Micro packs all of the power of the Arduino Leonardo in a 1.9" x 0.7" (48mm x 18mm) size. Although it may look like a stick of gum, its actually a USB-native 8-bit microcontroller, with 32K of flash, and 2.5K of RAM. You can program it directly via the USB micro connector on one end (or for the advanced users, the 6-pin ISP header). The Arduino Micro is a...

RGB LCD Shield Kit w/ 16x2 Character Display - Only 2 pins used!

PRODUCT ID: 716

This new Adafruit shield makes it easy to use a 16x2 Character LCD. We really like the RGB LCDs we stock in the shop both the RGB negative and RGB positive. Unfortunately, these LCDs do require quite a few digital pins, 6 to control the LCD and then another 3 to control the RGB backlight for a total of 9 pins. That's half of the pins available on a classic Arduino! With this in mind, we wanted to make it easier for people to get these LCD...

Arduino Mega R3 Android Accessory Development Kit (ADK) Board

PRODUCT ID: 563

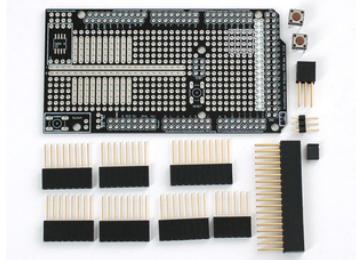
Fast track your Android phone hardware development or just design cell-phone robots with the Arduino ADK! The Arduino ADK is a microcontroller board based on the powerful ATmega2560 (datasheet). It has a USB host interface to connect with Android-based phones, and a clever supply boost converter to charge up the phone from DC power while its plugged into the ADK. We are now selling the R3 version which has pin-compatibility with the MEGA R3 - ...

Adafruit Proto Shield for Arduino Kit - Stackable Version R3

PRODUCT ID: 2077

This prototyping shield is the best out there (well, we think so, at least), and now is even better with Version R3 - updated for the most compatibility with just about all the Arduinos! It works with UNO, Mega, Leonardo, NG, Diecimila, Duemilanove, and compatible Arduinos. Yun's and Arduino Ethernets have a chunky Ethernet jack that gets in the way of stacking, you can use the stacking headers included and it will work, just

**ADD TO CART \$9.95
98 IN STOCK**



Mega protoshield for Arduino

PRODUCT ID: 192

This is an extra large proto-shield, specifically designed for the Mega! It comes with PCB, two buttons and a full set of stacking headers. You can stack this shield easily since it comes with extra long female headers. The kit includes: 1 x MEGAshield PCB 2 x tactile switch 1 x 3-pin male header 1 x 2x3-pin stacking female header 1 x 10-pin stacking female header 5 x 8-pin stacking female header 1 x 6-pin stacking female header 1 x...

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\$14.95
IN STOCK

White Enclosure for Arduino - Electronics enclosure

PRODUCT ID: 271

We are very excited to have one of the first (and we think the best) Enclosure for Arduino & project box! Here are all the details: Dimensions: 3.6" x 5" x 1.35" Injection molded ABS plastic Enclosure is easy to machine, drill, cut and shape to what you need Brass screw inserts (can be used and reused many times, very durable!) Fits standard Arduinos and 16 x 2 LCDs Fits Arduino with Adafruit Protoshield on top with 45° angles.

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18 IN STOCK

Light and temperature data-logger pack

PRODUCT ID: 249

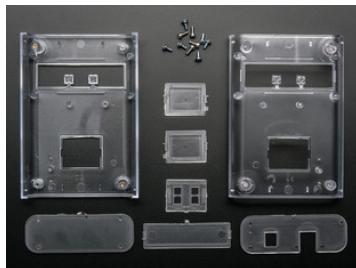
Includes! Adafruit data logger shield for Arduino (Assembled) 4 GB SD card Light sensor with matching 10K resistor Temperature sensor (-40 degC to 125 degC) 6 x AA battery holder with 2.1mm jack (unassembled) You'll need 6 AA batteries, some wire and soldering tools to assemble the project. For more information, including libraries, schematics and examples see the data logger shield webpage. Tested works with Arduino Uno, Leonardo, and Mega...

[ADD TO CART](#) **\$37.50**
5 IN STOCK

Clear Enclosure for Arduino - Electronics enclosure

PRODUCT ID: 337

We are very excited to have one of the first (and we think the best) Enclosure for Arduino & project box now available in clear plastic, the future! Here are all



the details: Dimensions: 3.6" x 5" x 1.35" Injection molded clear plastic Enclosure is easy to machine, drill, cut and shape to what you need Brass screw inserts (can be used and reused many times, very durable!) Fits standard Arduino and 16x2 LCDs Plus Arduino...
ADD TO CART **\$15.00**
56 IN STOCK

Intel® Edison Kit w/ Arduino Breakout Board

PRODUCT ID: 2180

The Intel® Edison kit for Arduino is a compact computing platform that's small by design so you can easily integrate it into projects. It's primarily designed for "Internet of Things" projects and is pretty powerful for its small size. The Edison has a bunch of features that makes it appealing for makers of all skill levels. It uses a 22 nm Intel SoC that includes a dual core, dual...

ADD TO CART

\$109.95

81 IN STOCK

USB Cable - Standard A-B

PRODUCT ID: 62

This here is your standard A-B USB cable, for USB 1.1 or 2.0. Perfect for connecting a PC to your Arduino, USBtinyISP (among other things). 3 feet / 1 meter long Color may vary!

NOTIFY ME

\$3.95

OUT OF STOCK

9V battery clip with 5.5mm/2.1mm plug

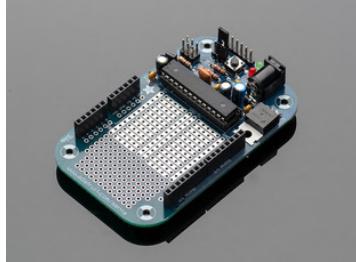
PRODUCT ID: 80

I found these high-quality battery clips. They're molded plastic so they won't tear like cheap clips, and they cover the battery terminals to prevent shorts. Comes with a 5.5mm/2.1mm barrel connector, assembled! Battery not included

ADD TO CART

\$3.00

IN STOCK



Adafruit MENTA - Mint Tin Arduino Compatible Kit with Mint Tin

PRODUCT ID: 795

Introducing the MENTA, a portable minty Arduino-compatible project that fits into a common mint tin. We took our super popular Boarduino series, and wrapped it with a prototyping area into a rounded PCB that slots directly into an Altoids-sized metal tin. We included everything you expect to jump-start your project: DC power adapter, 5V regulator with polarity protection, Beefy 1 Amp 5V regulator and 250mA 3.3V regulator for 3.3V devices, Green power LED,...

[ADD TO CART](#) **\$35.00**
IN STOCK

TinyG CNC Controller Board v8

PRODUCT ID: 1749

The TinyG project is a high performance, USB based CNC 6-axis controller that supports XYZ linear and ABC rotary axes with 4 motor outputs. It is designed for small CNC applications and other applications that require highly controllable motion control. TinyG is meant to be a complete embedded solution for small or medium motor control. Main Features: Full, integrated motion control system with embedded microcontroller (Atmel ATxmega192) and 4...

[ADD TO CART](#)

\$165.00
60 IN STOCK

In-line power switch for 2.1mm barrel jack

PRODUCT ID: 1125

Add a power switch to any project simply by plugging this between the power supply. This is the most useful thing you never knew you needed! You'll want to pick up a bunch for your electronic projects. Comes with a 5.5/2.1mm barrel jack on one end and a plug on the other. In between is an in-line switch that is rated for 125V and 2Amps (it's normally used for lamps, we suppose). Since most people will be using it with no more than 12VDC, we...

[ADD TO CART](#)

\$2.50
IN STOCK

Plastic mounting plate for breadboard and Arduino - rubber feet!

PRODUCT ID: 275



By popular demand! We now have the plates from the ARDX available separately. Acrylic plate is engraved and cut here at the Adafruit factory. There are mounting holes for your Arduino and a space that fits a half sized breadboard very nicely. ~~THIS DOES NOT FIT THE ARDUINO MEGA.~~ Comes with: 3mm thick plastic plate ~~With~~ engravings 2 x 4-40 3/8" machine screws for attaching your Arduino 4 x 4-40 hex nuts 4 x rubber bumpers, keeps the board...

Adafruit CC3000 WiFi Shield with uFL Connector for Ext Antenna

PRODUCT ID: 1534

For years we've seen all sorts of microcontroller-friendly WiFi modules but none of them were really Adafruit-worthy. Either they were too slow, or too difficult to use, or required signing an NDA, or had limited functionality, or too expensive, or too large. So we shied away from creating or developing a WiFi Arduino shield. NO LONGER! The CC3000 hits that sweet spot of usability, price and capability. It uses SPI for communication (not...

ADD TO CART \$39.95
9 IN STOCK

Intel® Edison w/ Mini Breakout Board

PRODUCT ID: 2111

The Intel® Edison is a compact computing platform that's small by design so you can easily integrate it into projects. It's primarily designed for "Internet of Things" projects and is pretty powerful for its small size. The Edison has a bunch of features that makes it appealing for makers of all skill levels. It uses a 22 nm Intel SoC that includes a dual core, dual threaded Intel Atom CPU...

NOTIFY ME

\$74.95
OUT OF STOCK

Standalone AVR ISP Programmer Shield Kit - includes blank chip!

PRODUCT ID: 462

This shield kit pack will allow you to turn any Arduino into an AVR chip burner! It is specifically designed for people who want to program Atmega328P's to turn them into Arduino bootloader chips using an AVR-ISP sketch, but it can also be used to make a 'standalone' AVR ISP programmer - so that you can program blank chips without a computer! We use this set up in the shop to program chips for our kits. We even have a blank...

ADD TO CART \$17.50
38 IN STOCK



Adafruit PowerBoost 500 Shield - Rechargeable 5V Power Shield

PRODUCT ID: 2078

What's a project if it's trapped on your desk? Now you can take your Arduino anywhere you wish with the PowerBoost shield! This stackable shield goes onto your Arduino and provides a slim rechargeable power pack, with a built in battery charger as well as DC/DC booster. Compatible with Arduino Uno, Duemilanove, Mega, Leonardo and Due - basically any Arduino-pinout-shaped Arduino as only the GND and V_{CC} pins are used. You can stack shields...

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\$19.95

IN STOCK



Arduino Robot

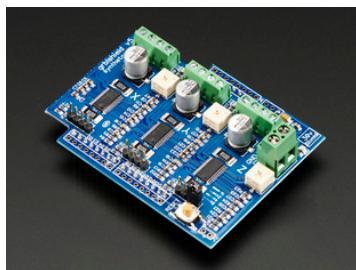
PRODUCT ID: 1499

The Arduino Robot is the first official Arduino on wheels. The robot has two processors, one on each of its two boards. The Motor Board controls the motors, and the Control Board reads sensors and decides how to operate. Each of the boards is a full Arduino board programmable using the Arduino IDE. Both Motor and Control boards are microcontroller boards based on the ATmega32u4 (datasheet). The Robot has many of its pins mapped to on-board...

[ADD TO CART](#)

\$247.45

2 IN STOCK



Synthetos gShield (grblShield) V5

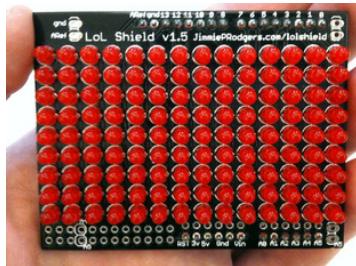
PRODUCT ID: 1750

Create your very own Arduino-controlled 3-axis CNC machine with the gShield. The gShield for Arduino (formerly known as grblShield) is a complete hardware solution for Dank's CNC motion control system called grbl. The gShield is compatible with the Uno and other 328p versions of the Arduino development platform. Version 5 is now compatible with running TinyG on the Arduino Due. The v5 power jumper simply allows the gShield to be run as a...

[ADD TO CART](#)

\$63.00

67 IN STOCK



LoL Shield RED - A charlieplexed LED matrix kit for the Arduino

PRODUCT ID: 274

The LoL Shield is a charlieplexed LED matrix for the Arduino. The LEDs are individually addressable, so you can use it to display anything in a 9 x 14 grid.

Scroll text, play games, display images, or anything else you want to do. This kit you will need to assembled / solder it together. We also have a GREEN version here if you'd like green LEDs! Since this is a shield, you will need an Arduino to use this project. The LCD shield is just a...

[ADD TO CART](#)

\$19.95

7 IN STOCK

Arduino Esplora

PRODUCT ID: 1348

The Arduino Esplora is a fun new game controller-shaped microcontroller board derived from the popular Arduino Leonardo. What makes the Esplora cool (and a great starter board) is that it has a number of built-in, ready-to-use sensors already on the board, for easy interaction. It's designed for people who want to get up and running with Arduino without having to learn about the electronics wiring first. For a step-by-step introduction to...

[ADD TO CART](#)

\$53.95

1 IN STOCK

Adafruit "Music Maker" MP3 Shield for Arduino (MP3/Ogg/WAV...)

PRODUCT ID: 1790

Bend all audio files to your will with the Adafruit Music Maker shield for Arduino! This powerful shield features the VS1053, an encoding/decoding (codec) chip that can decode a wide variety of audio formats such as MP3, AAC, Ogg Vorbis, WMA, MP3, FLAC, WAV (PCM and ADPCM). It can also be used to record audio in both PCM (WAV) and compressed Ogg Vorbis. You can do all sorts of stuff with the audio as well such as adjusting bass, treble, and...

Gameduino 2 with 4.3" 480x272 Display and Touchscreen

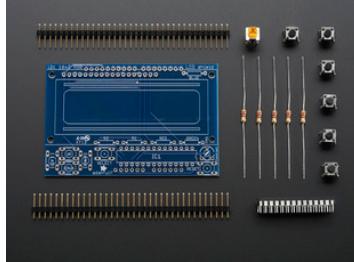
PRODUCT ID: 1654

Gameduino 2 is a shield that adds a bright 4.3 inch touchscreen, an embedded GPU, headphone jack, accelerometer and microSD slot to your Arduino - or anything else with an SPI interface. Everything you need to create compelling games – right in your hand. Sound output is via an amplified headphone jack. The system supports a selection of built-in samples and instruments, and can also play samples from video memory up to 48KHz. The...

[ADD TO CART](#)

\$69.95

45 IN STOCK



Adafruit I2C Controlled + Keypad Shield Kit for 16x2 LCD

PRODUCT ID: 715

This new Adafruit shield makes it easy to use a 16x2 Character LCD. The 16x2 Character LCD is NOT, repeat, NOT, included. We really like the range of LCDs we stock in the shop, such as our classic blue & white as well as the fancy RGB negative and RGB positive. Unfortunately, these LCDs do require quite a few digital pins, 6 to control the LCD and then perhaps another 3 to control the RGB backlight for a total of 9 pins. That's half of...

ADD TO CART \$14.95

68 IN STOCK

Getting Started with Arduino By Massimo Banzi - 3rd Edition

PRODUCT ID: 263

This valuable little book offers a thorough introduction to the open-source electronics prototyping platform that's taking the design and hobbyist world by storm. Getting Started with Arduino, updated for the latest Arduino release, gives you lots of ideas for Arduino projects and helps you get going on them right away. From getting organized to putting the final touches on your prototype, all the information you need is right in the...

ADD TO CART \$19.99

94 IN STOCK

Intel® Galileo Development Board (Gen 2) - Arduino Certified

PRODUCT ID: 2188

Galileo 2 is a microcontroller board based on the Intel® Quark SoC X1000 Application Processor, a 32-bit Intel Pentium-class system on a chip (datasheet). It's the second generation of the board which is based on Intel® architecture designed to be hardware and software pin-compatible with Arduino shields designed for the Uno R3. This is the Generation 2 version of the Intel® Galileo Development Board. What's new with...

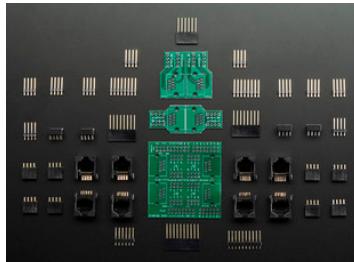
ADD TO CART \$79.95

30 IN STOCK

Patch shield for Arduino

PRODUCT ID: 256

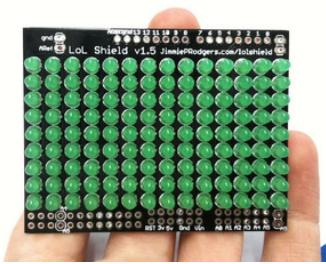
The patch shield is a cross between a patch panel/bay and a Wingshield. Its designed for times when you want to have remote sensors, or a control panel, or LEDs, or...practically anything where you want to avoid doing a lot of icky wiring! The shield comes with 4 breadboard-friendly satellite headers. To



connect, use any off-the-shelf Ethernet cable. On the shield itself, the sockets act as a patch bay so you can quickly try out different wiring...

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\$19.50
OUT OF STOCK

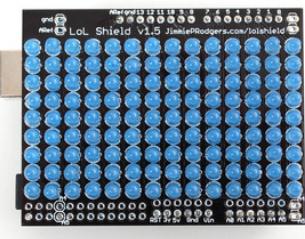


LoL Shield GREEN - A charlieplexed LED matrix kit for Arduino

PRODUCT ID: 286

The LoL Shield is a charlieplexed LED matrix for the Arduino. The LEDs are individually addressable, so you can use it to display anything in a 9 x 14 grid. Scroll text, play games, display images, or anything else you want to do. This kit you will need to assemble / solder it together. We also have a RED version here if you'd like red LEDs! Since this is a shield, you will need an Arduino for this project. The LoL Shield is just a board...

[ADD TO CART](#) **\$19.95**
2 IN STOCK



LoL Shield BLUE - A charlieplexed LED matrix kit for the Arduino

PRODUCT ID: 493

The LoL Shield is a charlieplexed LED matrix for the Arduino. The LEDs are individually addressable, so you can use it to display anything in a 9 x 14 grid. Scroll text, play games, display images, or anything else you want to do. This kit you will need to assemble / solder it together. Since this is a shield, you will need an Arduino for this project. The LoL Shield is just a board with LEDs and headers on it, so you need something to control...

[ADD TO CART](#) **\$24.95**
3 IN STOCK

Smoke Translucent Enclosure for Arduino - Electronics enclosure

PRODUCT ID: 821

We are very excited to have one of the first (and we think the best) Enclosure for Arduino & project box now available in gray translucent plastic, the future! Here are all the details: Dimensions: 3.6" x 5" x 1.35" Injection molded gray translucent plastic Enclosure is easy to machine, drill, cut and shape to what you need Brass screw inserts (can be used and reused many times, very durable!) Fits standard Arduino Uno, 6x2...

[ADD TO CART](#) **\$15.00**
13 IN STOCK





Arduino Leonardo ATmega32u4 without headers

PRODUCT ID: 883

The latest addition to the Arduino family is here! The Arduino Leonardo is a microcontroller board based on the exciting USB-enabled ATmega32u4 (datasheet). This chip has about the same amount of flash, RAM and capability as the ATmega328 found in the UNO. It has 20 digital input/output pins (of which 7 can be used as PWM outputs and 12 as analog inputs), a 16 MHz crystal oscillator, a micro USB connection, a slot for a 2.1mm power jack, an ICSP...

ADD TO CART \$22.50
IN STOCK



Espruino 1.4 - Open Source Javascript Microcontroller

PRODUCT ID: 1887

Try the JavaScript of things with the Espruino - the world's first open-source JavaScript microcontroller! This little board has an STM32 microcontroller pre-programmed with Espruino all ready to go so you can start playing with Javascript-microcontrollers. Warning: if you only use Assembly and think that even embedded C/C++ is for wimps, this device might explode your head. The Espruino is a tiny computer with a Java Script interpreter,...

ADD TO CART \$39.95
73 IN STOCK



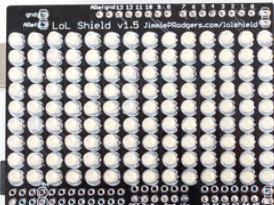
Programming Arduino By Simon Monk

PRODUCT ID: 1019

Using clear, easy-to-follow examples, Programming Arduino: Getting Started with Sketches reveals the software side of Arduino and explains how to write well-crafted sketches using the modified C language of Arduino. No prior programming experience is required! The downloadable sample programs featured in the book can be used as-is or modified to suit your purposes.

Understand Arduino hardware fundamentals Install the software, power it up, and...

ADD TO CART \$15.00
IN STOCK



LoL Shield WHITE - A charlieplexed LED matrix kit for Arduino

PRODUCT ID: 494

The LoL Shield is a charlieplexed LED matrix for the Arduino. The LEDs are individually addressable, so you can use it to display anything in a 9 x 14 grid. Scroll text, play games, display images or anything else you want to do. This kit ~~includes~~ **ADD TO CART** ~~3 IN STOCK~~ **\$24.95** is assembled & soldered together. Since this is a shield, you will need an Arduino for this project. The LoL Shield is just a board with LEDs and headers on it, so you need something to control...

Arduino Pro Mini 328 - 5V/16 MHz

PRODUCT ID: 2378

The Arduino Pro Mini is SparkFun's minimal design approach to Arduino. It's essentially a 5v Arduino that runs an 16 MHz bootloader on a super small, super thin board. There are no connectors attached - allowing you to add whatever connectors or wire you want without too much trouble. The goal of the Pro Mini isn't to replace the Arduino so much as bring the cost down for more advanced users. The Arduino...

ADD TO CART

\$9.95

IN STOCK

Netduino Go! Starter Pack (Modular .NET microcontroller)

PRODUCT ID: 800

This starter pack comes with all the stuff you'll want to hit the ground running with Netduino Go! Included is the Go! mainboard, the Shield Base, a Button module, a Potentiometer module, an RGB LED module, 4 Go! cables and 3' microUSB cable to connect to your computer for programming and power. You asked for a Netduino with more speed, more flash, and more RAM. You asked for a Netduino with more GPIO, more serial ports, more analog...

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\$99.95

9 IN STOCK

Getting Started with Trinket Book + NeoPixel Goggle Pack

PRODUCT ID: 2290

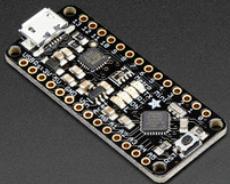
Pickup a copy of Getting Started with Adafruit Trinket and then hit the ground running with one of the most popular Trinket projects: the Trinket-Powered NeoPixel Goggle Kit Pack! This pack is perfect for somebody who is up for a little challenge and eager to dive further into the wonderful world of Adafruit Trinket. This pack includes the Getting Started book and the entire Goggle Kit Pack: Getting Started with Adafruit Trinket ...

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\$49.95

OUT OF STOCK





Adafruit METRO Mini 328 - 5V 16MHz

PRODUCT ID: 2590

We sure love the ATmega328 here at Adafruit, and we use them a lot for our own projects. The processor has plenty of GPIO, Analog inputs, hardware UART SPI and I2C, timers and PWM galore - just enough for most simple projects. When we need to go small, we use a Pro Trinket 3V or 5V, but if you want to have USB-to-Serial built in, we reach for an Adafruit METRO Mini . METRO Mini is the culmination of years of playing with AVR's: we wanted to make... **ADD TO CART \$14.95**
IN STOCK



NETduino 2 (.NET-programmable microcontroller)

PRODUCT ID: 1228

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment. Suitable for engineers and hobbyists alike. Input! Output! Interface with switches, sensors, LEDs, serial devices, and more. Netduino offers 22 GPIOs combined with SPI, I2C, 2 UARTs (1 RTS/CTS), 4 PWM channels and 6 ADC channels. **ADD TO CART \$34.95**
4 IN STOCK



Programming Arduino: Next Steps - Going Further with Sketches

PRODUCT ID: 1557

Arduino guru Simon Monk reveals advanced programming techniques for Arduino! Programming Arduino Next Steps: Going Further with Sketches is the must-have follow-up to Monk's bestseller, Programming Arduino: Getting Started with Sketches . Aimed at experienced programmers and hobbyists who have mastered the basics, this book takes you "under the hood" of Arduino, revealing professional-level programming secrets. You'll learn how to use... **ADD TO CART \$19.95**
28 IN STOCK



Adafruit METRO 328 with Headers

PRODUCT ID: 2488

We sure love the ATmega328 here at Adafruit, and we use them a lot for our own projects. The processor has plenty of GPIO, Analog inputs, hardware

UART SPI and I2C, timers and PWM galore - just enough for most simple projects. When we need to go small, we use a Pro Trinket 3V or 5V, but when size isn't as much of a concern, and an USB-serial converter is required, we reach for the Adafruit METRO. This is the Adafruit METRO with headers....

[ADD TO CART](#)

\$19.50

10 IN STOCK

Adafruit AVR Sticker for Breadboard Arduino-compatibles - 10 pcs

PRODUCT ID: 554

These stickers are a must for anyone making a breadboarded Arduino-compatible. They fit right on top of a DIP ATmega328 (or '168) chip, and clearly indicate every pin as it would be called in the Arduino IDE. No more looking up the datasheet or schematic! The stickers are made of a tough vinyl, usually used for bumper stickers, so they will not fade, scratch, or wrinkle. The stickers are die cut already into a rounded rectangle that fits on...

Arduino Pro Mini 328 - 3.3V/8 MHz

PRODUCT ID: 2377

The Arduino Pro Mini is SparkFun's minimal design approach to Arduino. It's essentially a 3.3v Arduino that runs an 8 MHz bootloader on a super small, super thin board. There are no connectors attached - allowing you to add whatever connectors or wire you want without too much trouble. The goal of the Pro Mini isn't to replace the Arduino so much as bring the cost down for more advanced users. The Arduino...

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\$9.95

IN STOCK

Ethernet Cable - 10 ft long

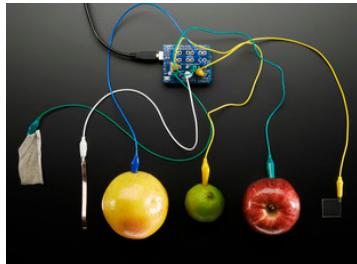
PRODUCT ID: 730

We have so many Internet-connected goodies in the shop, we figured it's time to carry a cable so you can easily connect them up! This cable is 10 feet long, black and has all 8 wires installed. Perfect for use with the BeagleBone, Arduino Uno Ethernet, Arduino Ethernet Shield, NETduino Plus, Patch Shield, PoE Injector cables, IoT Printer pack or any other Ethernet-cable-needing product! This is a 'straight-thru' cable, not a...

[ADD TO CART](#)

\$2.95

IN STOCK



Adafruit 12 x Capacitive Touch Shield for Arduino - MPR121

PRODUCT ID: 2024

This touch-able add on shield for Arduinos will inspire your next interactive project with 12 capacitive touch sensors. Capacitive touch sensing works by detecting when a person (or animal) has touched one of the sensor electrodes. Capacitive touch sensing used for stuff like touch-reactive tablets and phones, as well as control panels for appliances, which is where you may have used it before. This shield allows you to create electronics that...

ADD TO CART \$12.50
IN STOCK

DIY Gamer Kit from Technology Will Save Us

PRODUCT ID: 2123

Build your very own Arduino-based portable gaming toy with this kit from Tech Will Save Us! The DIY Gamer Kit is an Arduino controlled gaming device. Once you solder the whole thing together, you'll have an 8x8 LED matrix display that serves as the device's screen. From there, just easily upload your game's code onto an Arduino (not included) and play! It's a great learning experience with a fun result! The screen...

ADD TO CART \$56.95
70 IN STOCK

NETduino 3 WiFi (.NET-programmable microcontroller)

PRODUCT ID: 2486

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment, it is suitable for engineers and hobbyists alike. The Netduino 3 has Wi-Fi cooked in already! Including SSL/TLS 1.2 and WPA2. The Netduino 3 has the same 168 MHz (Cortex-M4) processor as the Netduino Plus 2 but almost four times the code storage at 448 KB and almost double the ram at...

ADD TO CART \$69.95
78 IN STOCK

30 Arduino Projects for the Evil Genius by Simon Monk - 2nd Ed.

PRODUCT ID: 868

This wickedly inventive guide shows you how to program and build a variety of projects with the Arduino microcontroller development system. Covering



Windows, Mac, and Linux platforms, 30 Arduino Projects for the Evil Genius gets you up to speed with the simplified C programming you need to know--no prior programming experience necessary. This is the second edition of the book, updated and better than ever, using easy-to-find components and...
ADD TO CART **\$24.95**
5 IN STOCK

Intel® Edison Compute Module

PRODUCT ID: 2112

The Intel® Edison is a compact computing platform that's small by design so you can easily integrate it into projects. It's primarily designed for "Internet of Things" projects and is pretty powerful for its small size. The Edison has a bunch of features that makes it appealing for makers of all skill levels. It uses a 22 nm Intel SoC that includes a dual core, dual threaded Intel...

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\$49.95

52 IN STOCK

Beginning NFC with Arduino, Android, and PhoneGap

PRODUCT ID: 1744

Jump into the world of Near Field Communications (NFC), the fast-growing technology that lets devices in close proximity exchange data, using radio signals. With lots of examples, sample code, exercises, and step-by-step projects, this hands-on guide shows you how to build NFC applications for Android, the Arduino microcontroller, and embedded Linux devices. You'll learn how to write apps using the NFC Data Exchange Format (NDEF) in PhoneGap,...
ADD TO CART **\$34.95**
19 IN STOCK

Getting Started with Trinket Book + Adafruit Trinket 5V Kit Pack

PRODUCT ID: 2289

Pick up a copy of "Getting Started with Adafruit Trinket" and for a couple dollars more, hit the ground running with a Trinket 5V! As of October 12th, 2015 this product now ships with an Adafruit Trinket with a micro-USB plug. This pack is great for somebody starting out with microcontrollers to get them up and running quickly with this board, as well as for somebody with a more advanced grasp to give them some new projects to...
ADD TO CART **\$21.95**
71 IN STOCK



Arduino MO Pro - 32 bit Cortex MO Arduino with Debug Interface

PRODUCT ID: 2417

With the new Arduino MO Pro board, the more creative individual will have the potential to create one's most imaginative and new ideas for IoT devices, wearable technologies, high tech automation, wild robotics and other not yet thinkable adventures in the world of makers. Note : As of July 23rd, 2015 Adafruit is shipping the Arduino MO Pro. It is functionally the same as the Arduino Zero. The Arduino MO Pro represents a simple,...

ADD TO CART \$54.95
IN STOCK

Adafruit Bluefruit LE Micro - Bluetooth Low Energy + ATmega32u4

PRODUCT ID: 2661

Would you like to add powerful and easy-to-use Bluetooth Low Energy to your robot, art or other electronics project? Heck yeah! With BLE now included in modern smart phones and tablets, its fun to add wireless connectivity. So what you really need is the new Adafruit Bluefruit LE Micro - it's an Atmega32u4 chip (same as used as in the Adafruit Flora or Arduino Leonardo) plus our SPI Bluefruit LE Friend in one. Bluetooth...

Adafruit Bluefruit LE Shield - Bluetooth LE for Arduino

PRODUCT ID: 2746

Would you like to add powerful and easy-to-use Bluetooth Low Energy to your robot, art or other electronics project? Heck yeah! With BLE now included in modern smart phones and tablets, its fun to add wireless connectivity. So what you really need is the new Adafruit Bluefruit LE Shield for Arduino! The Bluefruit LE Shield makes it easy to add Bluetooth Low Energy connectivity to your Arduino or compatible. Solder in the included...

ADD TO CART \$19.95
68 IN STOCK

NETduino 3

PRODUCT ID: 2682

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment, it is suitable for engineers and hobbyists alike. This combines the ease of high-level coding and the raw features of microcontrollers. Enjoy



event-based programming, multi-threading, line-by-line debugging, breakpoints and more! The Netduino 3 has the same 168 MHz (Cortex-M4) processor as...

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\$39.95
30 IN STOCK



NETduino 3 Ethernet

PRODUCT ID: 2683

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment, it is suitable for engineers and hobbyists alike. This combines the ease of high-level coding and the raw features of microcontrollers. Enjoy event-based programming, multi-threading, line-by-line debugging, breakpoints and more! The Netduino 3 has the same 168 MHz (Cortex-M4) processor as...

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\$59.95
24 IN STOCK



Shield Shield for Photon

PRODUCT ID: 2725

The Shield Shield converts the footprint and pins of your Photon into that of an Arduino, allowing for use of existing Arduino shields and accessories. This shield converts the pin mapping of the Photon to the Arduino pin layout and provides a voltage translation of 3.3V to/from 5V. Compatible with both the Core and the Photon.

COMING SOON

[MORE INFO](#)



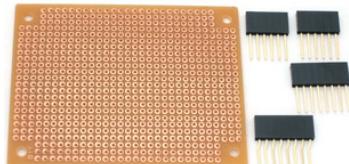
Zebra Byte Case for Adafruit Metro Mini

PRODUCT ID: 2709

Never hack without a helmet, now you can protect your cute little Adafruit Metro Mini with this chic new Zebra Byte Case ! This laser-cut DIY plastic enclosure is designed to perfectly frame your tiny microcontroller and firmly lock it in with high quality stainless steel screws at each corner. While this case leaves absolutely no wiggle room, there are still a few cleverly placed air vents...

[ADD TO CART](#)

\$5.50
33 IN STOCK



DIY shield for Arduino

PRODUCT ID: 187

Think you can do better? Design your own shield on the cheap with this DIY parts kit. You get a 3.2" x 2.5" (~ 8.1cm x 6.3cm) single-sided phenolic board with copper solder pads and mounting holes and a extra-special stacky header set. This one has one magical 8-pin header that has been bent so that you can plug it into the 'not-quite-0.1"-spacing" arduino headers Solder it any which way you want, lots of room for hacking!

[MORE INFO](#)

\$6.00
DISCONTINUED

netduino Plus 2 (.NET-programmable microcontroller)

PRODUCT ID: 1104

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment, it is suitable for engineers and hobbyists alike. The Netduino Plus 2 has Ethernet cooked in already! There is a full TCP/IP stack with examples ready to go, and a microSD card slot for storing files Netduino Plus 2 has four times the speed (168MHz), six times the code space (384KB), and twice the...

[MORE INFO](#)

\$59.95
DISCONTINUED

USB Boarduino (Arduino compatible) Kit w/ATmega328

PRODUCT ID: 91

Note: These use genuine FTDI chips, either we purchase them or they are manufactured to our specifications with the requirement of genuine FTDI chips 10/22/14 - read more. If you've ever struggled to use a solderless breadboard with an Arduino, you understand how frustrating it can be! This development board acts just like an Arduino, and works with the latest Arduino software.

For many projects it can even be preferable! The kit includes...

[MORE INFO](#)

\$25.00
DISCONTINUED

2.8" TFT Touch Shield for Arduino

PRODUCT ID: 376

We've discontinued this version of the shield (which was expensive and difficult to make) and replaced it with a version 2: its got a better price, uses way fewer pins, is Mega/Leonardo compatible and has a great touchscreen controller built in. Wow! Check it out here. Spice up your Arduino project with



a beautiful large touchscreen display shield with built in microSD card connection. This TFT display is big (2.8" diagonal) bright (4...

[MORE INFO](#)

\$59.00
DISCONTINUED

Adafruit Data logging shield for Arduino

PRODUCT ID: 243

This product has been discontinued, please see our new updated assembled version. Here's a handy Arduino shield: we've had a lot of people looking for a dedicated and well-designed data logging shield. We worked hard to engineer an inexpensive but well-rounded design. Not only is it easy to assemble and customize, it also comes with great documentation and libraries. You can get going quickly - saving data to files on any FAT16 or FAT32...
[MORE INFO](#)

DISCONTINUED

Adafruit GPS logger shield kit

PRODUCT ID: 98

GPS shield for Arduino kit with data-logging capability. After building this easy kit, you can create your own geo-locative project. Please note that this shield does not come with a GPS module, they are sold separately (see below) This shield is designed to make GPS projects straight-forward and easy. Plug in a supported GPS module and run any of the example Arduino sketches for parsing GPS data (NMEA sentences), logging to a FAT16-formatted SD...

[MORE INFO](#)

\$19.50
DISCONTINUED

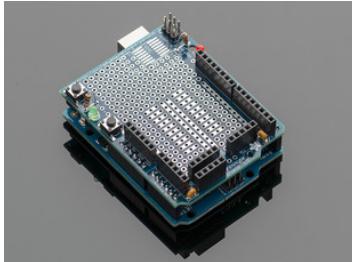
Adafruit Motor/Stepper/Servo Shield for Arduino kit

PRODUCT ID: 81

This kit is now discontinued. We've upgraded the Adafruit Motor Shield v1 to v2, with stacking-support and higher-current motor drivers, Please check out the v2 shield - its much better! Here is a design for a full-featured motor shield that will be able to power many simple to medium-complexity projects. 2 connections for 5V 'hobby' servos connected to the Arduino's high-resolution dedicated timer - no jitter!
[MORE INFO](#)

\$19.50
DISCONTINUED

DISCONTINUED



Adafruit Proto Shield for Arduino Kit

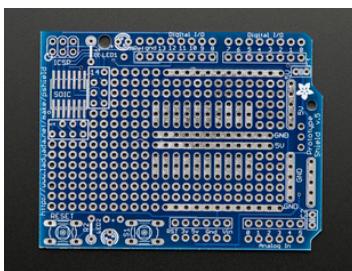
PRODUCT ID: 51

Works with the Uno! This prototyping shield is the best out there (well, we think so, at least). It works with UNO, NG, Diecimila and Duemilanove Arduinos. You can use it with a Leonardo but it will not break out the hardware SPI pins (they're only on the ISP connector underneath) or the IOREF/SDA/SCL pins. However, the SDA/SCL pins on the Leonardo are also on digital #2 and #3 so you can still use them by connecting pins 2 and #3. Check out... **SALE PRICE: 17% OFF**

[MORE INFO](#)

~~\$15.00~~ **\$12.50**

DISCONTINUED



Adafruit Proto Shield for Arduino PCB

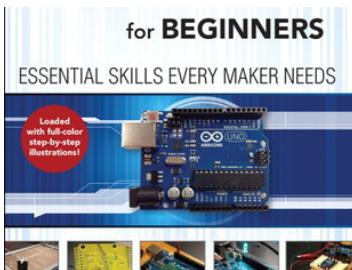
PRODUCT ID: 55

This is just the PCB for a proto shield. No other parts are included. This shield is designed for the Arduino Uno, NG and Decimila Arduinos. For parts list and instructions, please visit the website

[MORE INFO](#)

\$6.00

DISCONTINUED



Arduino for Beginners

PRODUCT ID: 1742

Learn Arduino from the ground up, hands-on, in full color! Discover Arduino, join the DIY movement, and build an amazing spectrum of projects...limited only by your imagination! This full-color guide assumes you know nothing about Arduino or programming with the Arduino IDE. John Baichtal is an expert on getting newcomers up to speed with DIY hardware. First, he guides you gently up the learning curve, teaching you all you need to know...

[MORE INFO](#)

\$29.99

DISCONTINUED



Gameduino shield

PRODUCT ID: 384

Gameduino is a game adapter for Arduino - or anything else with an SPI interface - built as a single shield that stacks up on top of the Arduino and has plugs for a VGA monitor and stereo speakers. The sound and graphics are definitely old-school, but thanks to the latest FPGA technology, the sprite

capabilities are a step above those in machines from the past. You'll need controllers (most likely) for gaming, we suggest using Nunchuck with...

[MORE INFO](#)

\$53.00
DISCONTINUED

Intel® Galileo Development Board - Arduino Certified

PRODUCT ID: 1637

Galileo is a microcontroller board based on the Intel® Quark SoC X1000 Application Processor, a 32-bit Intel Pentium-class system on a chip (datasheet). It's the first board based on Intel® architecture designed to be hardware and software pin-compatible with Arduino shields designed for the Uno R3. Digital pins 0 to 13 (and the adjacent AREF and GND pins), Analog inputs 0 to 5, the power header, SPI header, and the UART port pins...

[MORE INFO](#)

\$79.95
DISCONTINUED

netduino (.NET-programmable microcontroller)

PRODUCT ID: 336

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment. Suitable for engineers and hobbyists alike. Input! Output! Interface with switches, sensors, LEDs, serial devices, and more. Netduino offers 20 GPIOs combined with SPI, I2C, 2 UARTs (1 RTS/CTS), 4 PWM channels and 6 ADC channels. Code! Debug! Repeat! .NET Micro Framework combines the ease of...

[MORE INFO](#)

\$30.00
DISCONTINUED

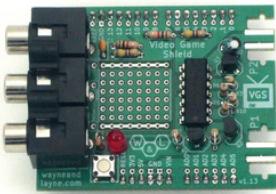
netduino Plus (.NET-programmable microcontroller with Ethernet)

PRODUCT ID: 351

Netduino is an open source electronics platform using the .NET Micro Framework. Featuring a 32-bit microcontroller and a rich development environment, it is suitable for engineers and hobbyists alike. The Netduino Plus is just like the Netduino, with Ethernet added in already! There is a full TCP/IP stack with examples ready to go and a microSD card slot for storing files. Input! Output! Interface with switches, sensors, LEDs, serial devices,...

[MORE INFO](#)

\$60.00
DISCONTINUED



Video Game Shield Kit

PRODUCT ID: 311

The Video Game Shield is an Arduino add-on shield to make your own video games, including graphics, text, sound effects, and music! Using the power of open source, this Shield includes everything you need to make awesome black-and-white video games on your TV. It supports up to two Nintendo Wii Nunchuck controllers for an easy and familiar interface. Do you need to output text, graphics, or audio through RCA jacks to a TV? Do you need to...

[MORE INFO](#)

\$22.50
DISCONTINUED