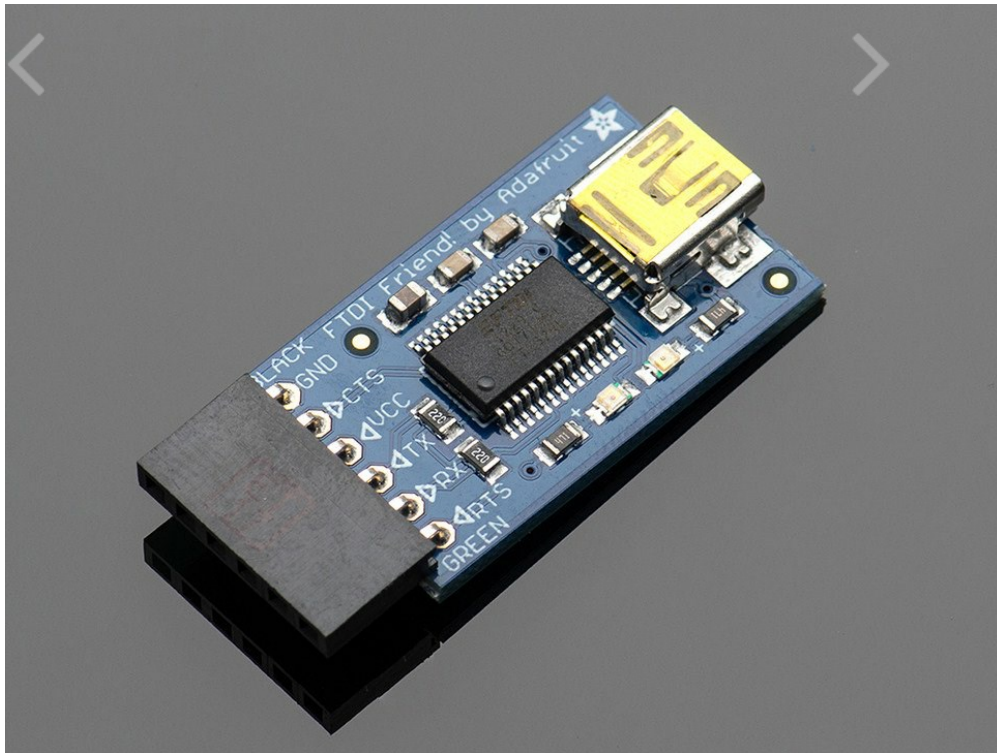




FTDI Friend + extras - v1.0

PRODUCT ID: 284

IN STOCK

1

ADD TO CART

1-9

10-99

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DESCRIPTION

TECHNICAL DETAILS



DESCRIPTION

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 FT232RL chip adapter. Sure, like the well-known FTDI cable, it can provide power to your project and there are 4 signal lines for sending data back and forth. But the Friend can do much more! For example, you can change the signal and power lines to be either 3.3V or 5V. Arduino-derivatives and XBees use the RTS line for programming but what if you need that DTR line? It's there for you.

By default, we've set it up so that it matches our FTDI cables. The 6th pin is RTS (as of Arduino

IDE v18 this will work perfectly for uploading to 'inos), the power wire is +5V and the signal levels are 3.3V (they are 5V compliant, and should work in the vast majority of 3.3V and 5V signal systems).

And of course, we include a **little extra** - in this case its the extra-long headers that you can use to plug it into a breadboard. There are also blinkies, 2 red & green LEDs **already on the board** that pulse when serial is sent or received.

You can also purchase a [a 6-pin extension cable](#) from us, which will let you rearrange the wire order.

In a pinch, [you can even use it to program AVR](#)s (its a bit slow but works!)

We have a [full tutorial page about the FTDI friend](#) and you can peruse the [FTDI cable datasheet](#), [FTDI FT232RL chip datasheet](#) or the [schematic/layout files at GitHub](#)

TECHNICAL DETAILS

Dimensions:

- Length: 38.07mm/1.5in
- Width: 17.89mm/0.7in
- Height: 7.7mm/0.31in
- Weight: 3.4g/0.12oz

[EagleCAD PCB files](#), [schematic](#), and [Fritzing](#) available in the [product tutorial](#)

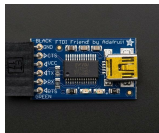


LEARN



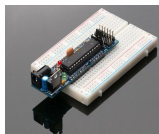
[Internet of Things Printer](#)

Build an "Internet of Things" connected mini printer that will do your bidding!



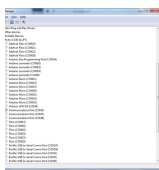
[FTDI Friend](#)

FTDI Friend is a friend, not an enemy



[DC & USB Boarduino Kits](#)

Solderless Breadboard Arduino Clone



[How to Find Hidden COM Ports](#)

There, under a rock! Its a gaggle of COM ports!



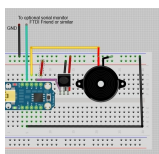
[XBee Radios](#)

Simple wireless communication



[Adafruit MENTA Kit](#)

Mint Tin Arduino Compatible



[Trinket / Gemma IR Control](#)

Use a Trinket or Gemma to determine the IR codes from your remote and use the codes in your own program to trigger events



Introducing Bluefruit EZ-Key

Introducing Bluefruit EZ-Key, the easiest way to create a wireless keyboard



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Old School analog meters are used to create modern art timekeeping.



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Track your USB juice use!



Adafruit Huzzah ESP8266 breakout

Adorable bite-sized WiFi microcontroller, at a price you like!



Building and Running MicroPython on the ESP8266

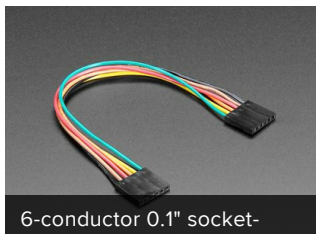
How to compile and install MicroPython for the ESP8266 WiFi breakout!



Home Automation in the Cloud with the ESP8266 & Adafruit IO

Build a simple home automation system & control it from anywhere!

MAY WE ALSO SUGGEST...



6-conductor 0.1" socket-



USB cable - A/MiniB



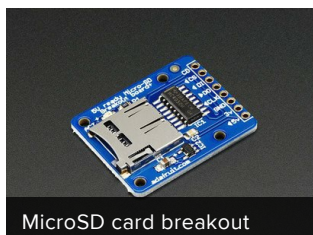
Bus Pirate - BPv3.6



DC Boarduino (Arduino



FTDI Serial TTL-232 USB



MicroSD card breakout



Adafruit Huzzah ESP8266



Adafruit FT232H Breakout -



PN532 NFC/Rfid controller



Nootropic RGB Matrix



Arduino Pro Mini 328 -



USB to TTL Serial Cable -

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"Don't fight forces, use them" - [R. Buckminster Fuller](#)

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