



FTDI Friend + extras – v1.0

PRODUCT ID: 284



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? Its 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 v1.8 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.