

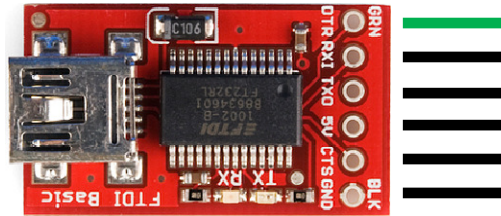
## Wiring Diagram

2. Plug in the USB mini B cable to the FTDI breakout board and plug the other end into a computer or the base unit

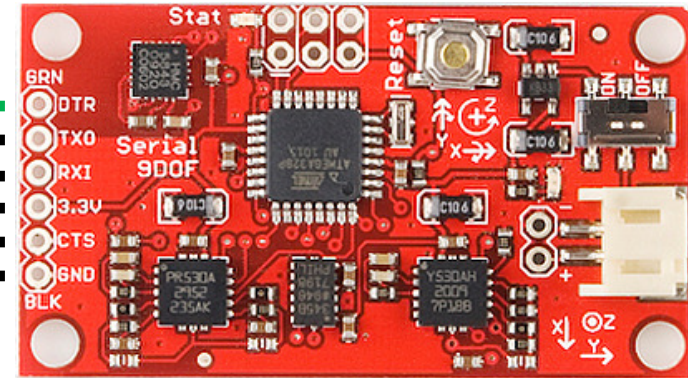


USB Cable

1. Solder the FTDI board pins to the corresponding pins (each pin is labeled) on the Razor 9DOF with the wire configuration as outlined below



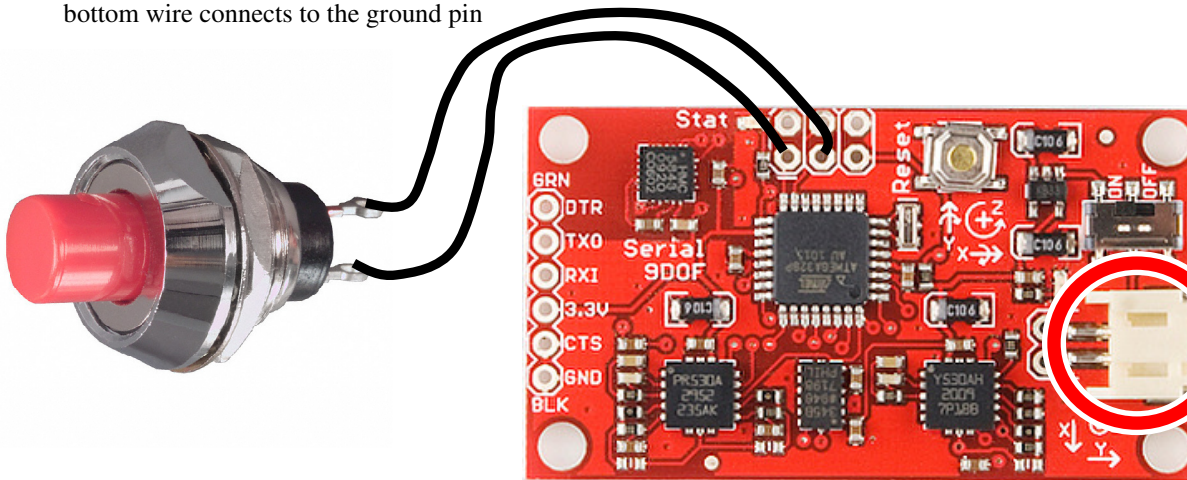
FTDI Breakout Board  
3.3 V



Razor 9DOF

## Razor 9DOF Modifications

Solder the wires between the pushbutton switch and the pins as shown below. The top wire connects to the MOSI pin and the bottom wire connects to the ground pin



In order to reduce the size of the board, the power header (circled) should be removed. The device will draw its power through the USB cable.