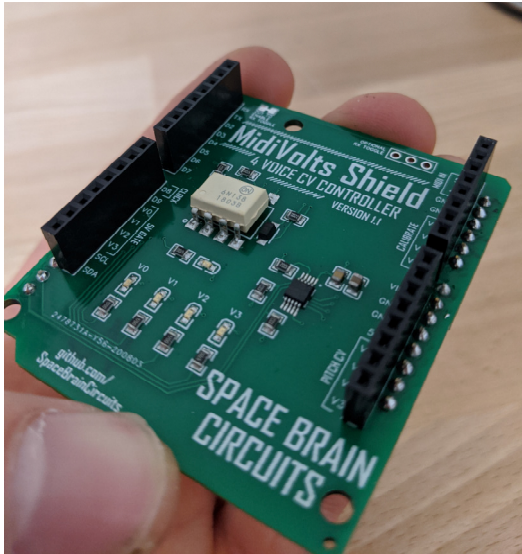


MidiVolts Arduino Uno Shield Build Guide

Recommended Experience: Beginner soldering level skills and basic understanding of electronics and troubleshooting

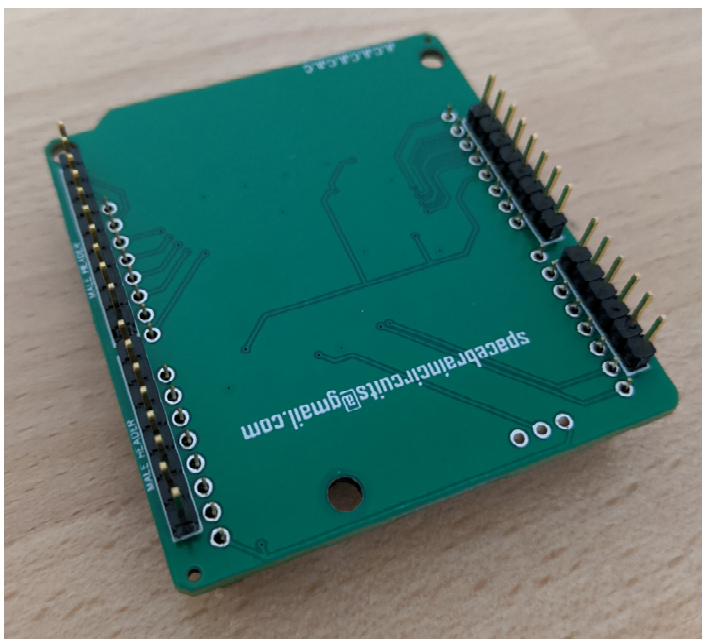
Tools Required: Soldering Iron, solder

Optional Tools: Flush cutters, putty for holding headers



Second Step: Female Headers

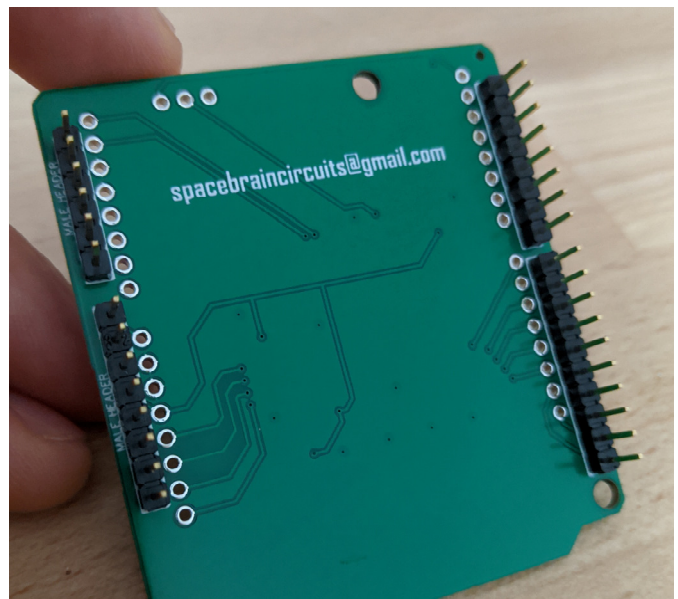
You should have received 4 female 8 pin headers. These will go on the top of the MidiVolts shield. Place onto shield and flip over as shown on the image below. I **Highly recommend verifying each header is properly seated after soldering first pin!**



First Step: Male Headers

You should have received 4 male headers, one 10 pin, two 8 pin, and one 6 pin. These will go on the bottom of the MidiVolts shield (labeled Male Header). See image below. I **highly recommend verifying each header is seated properly after soldering first pin!** Headers must be not be crooked!

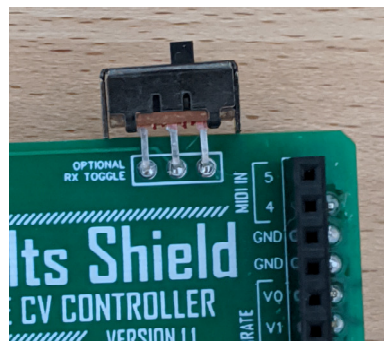
(If you use your Arduino to hold these headers, please be very careful not to overheat the Arduino pins!)



Third Step: Optional RX Switch

If you plan on uploading sketches often on this board, then I would recommend adding a SPDT toggle to the RX Switch. This will allow uploading without having to pull shield off Arduino.

Don't forget to cut the RX trace to enable this mode.



Please email spacebraincircuits@gmail.com for any questions or issues! I am more than happy to help!