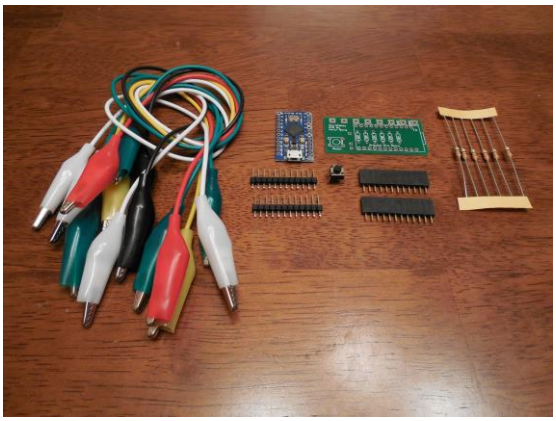
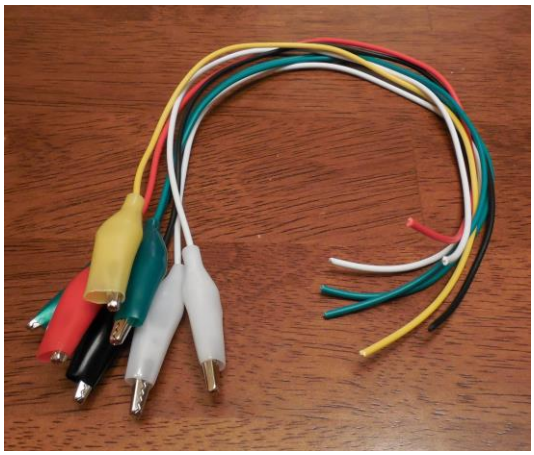
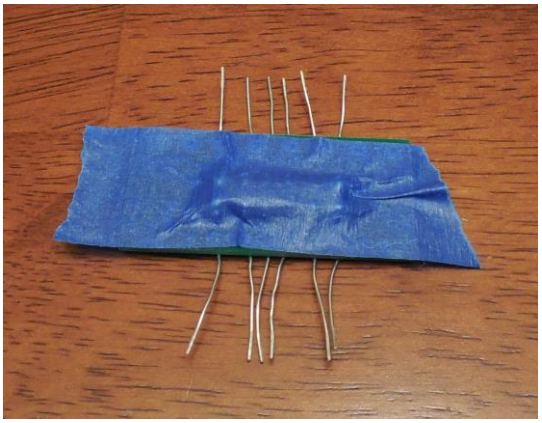
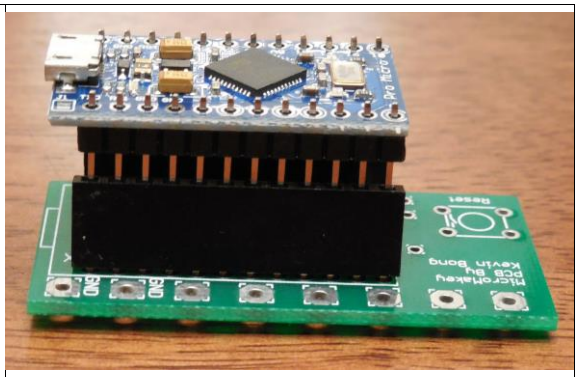
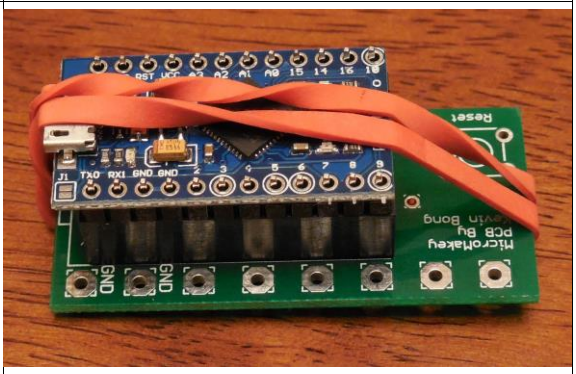
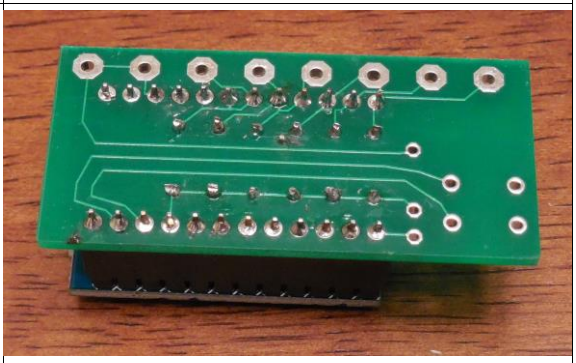
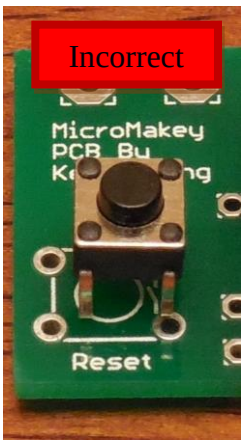
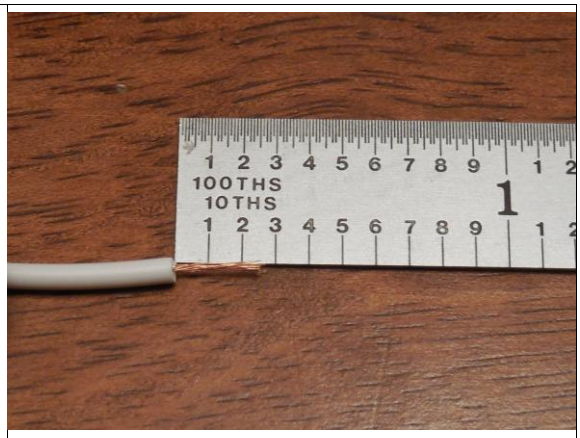
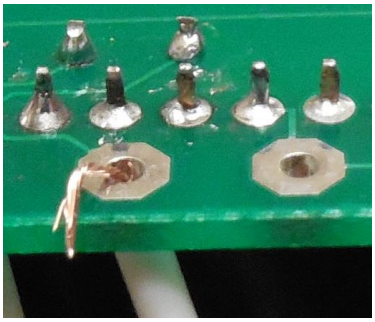
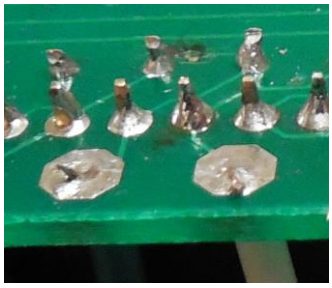
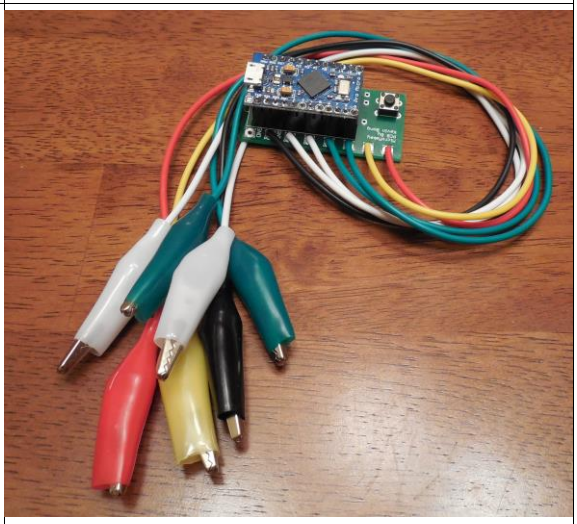
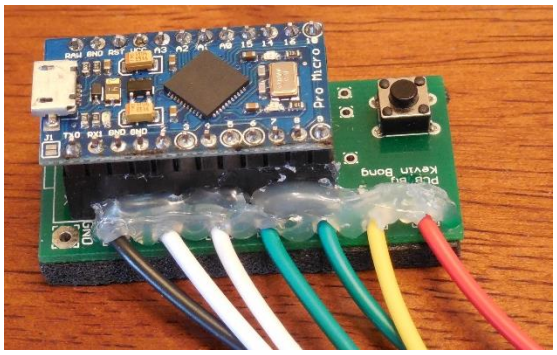
Your kit will include: - 7 wires with alligator clips - 6 resisters - 2 Male header pins - 2 Female header pins - 1 PCB board - 1 Arduino Pro Micro - 1 switch	
Cut an alligator clip off of one end on each wire.	
Insert the six resisters into the designated holes in the center of the PCB.	
Pro Tip: Use a small piece of tape to hold them in position. Flip the board over and solder each resister to the board. Trim the remaining wire off the resister when finished.	

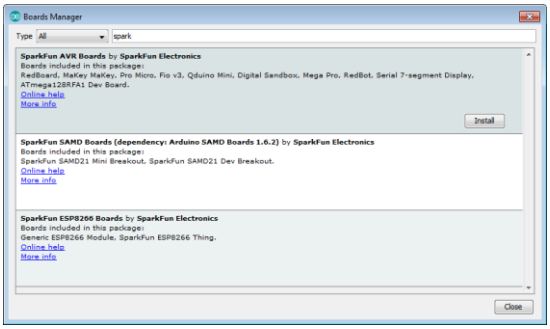
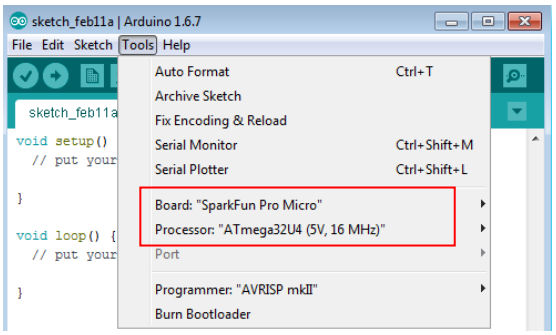
Place the two female header pins on the PCB. Place the two male header pins on top of the female risers. Finally place the Arduino on top.	
Use a rubber band to secure all the components together.	
Solder the female header pins to the bottom of the PCB first. When you are finished, flip the board over and solder the pins of the male header to the Arduino.	
Solder the reset switch in position as indicated on the board. Note that the switch will only fit in one way.	 

On each of the wires, trim approximately 2 - 3 mm to expose the wire.	
Feed a wire through a hole and bend it over the side of the PCB. This will help keep it in place while you solder it. Note: The color of the wires is not significant. It is recommend to use the black wire for ground so it is easy to identify.	
Repeat this step for all seven wires.	
Your micro Makey is now finished.	

Pro Tip: For added support place hot glue around the wires. This will help the connections last longer.	

Program your micro Makey

Download and install the Arduino environment from https://www.arduino.cc/en/Main/Software Follow the prompts and use the default settings.	
Download and install the drivers for the Arduino Pro Micro designed by SparkFun from https://learn.sparkfun.com/tutorials/pro-micro--fio-v3-hookup-guide It is recommend you read the documentation on the website, but if you are in a hurry, here is a direct link to the download you need. https://cdn.sparkfun.com/assets/learn_tutorials/1/2/1/SparkFunBoard_Addons_Jan_16.zip	
Open the Arduino environment and under the File menu select Preferences.	
Enter the following URL into “Additional Board Manager URLs:” box. https://raw.githubusercontent.com/sparkfun/Arduino_Boards/master/IDE_Board_Manager/package_sparkfun_index.json Click the “ok” button	

Under the Tools menu select Board and then Board manager. Search for “Sparkfun” and install the “Sparkfun AVR boards”.	
Under the Tools menu select Board and then the “Sparkfun Pro Micro”.	
Back under the Tools menu select “Processor” and then (5v 16MHz)	
After each of the two above selections have been made your Tools menu should look like this.	
You can now upload the Micro Makey code to your Arduino.	