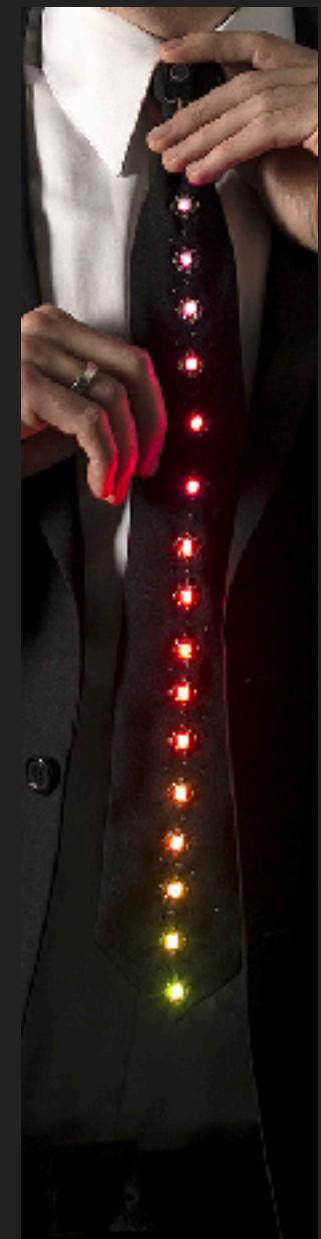
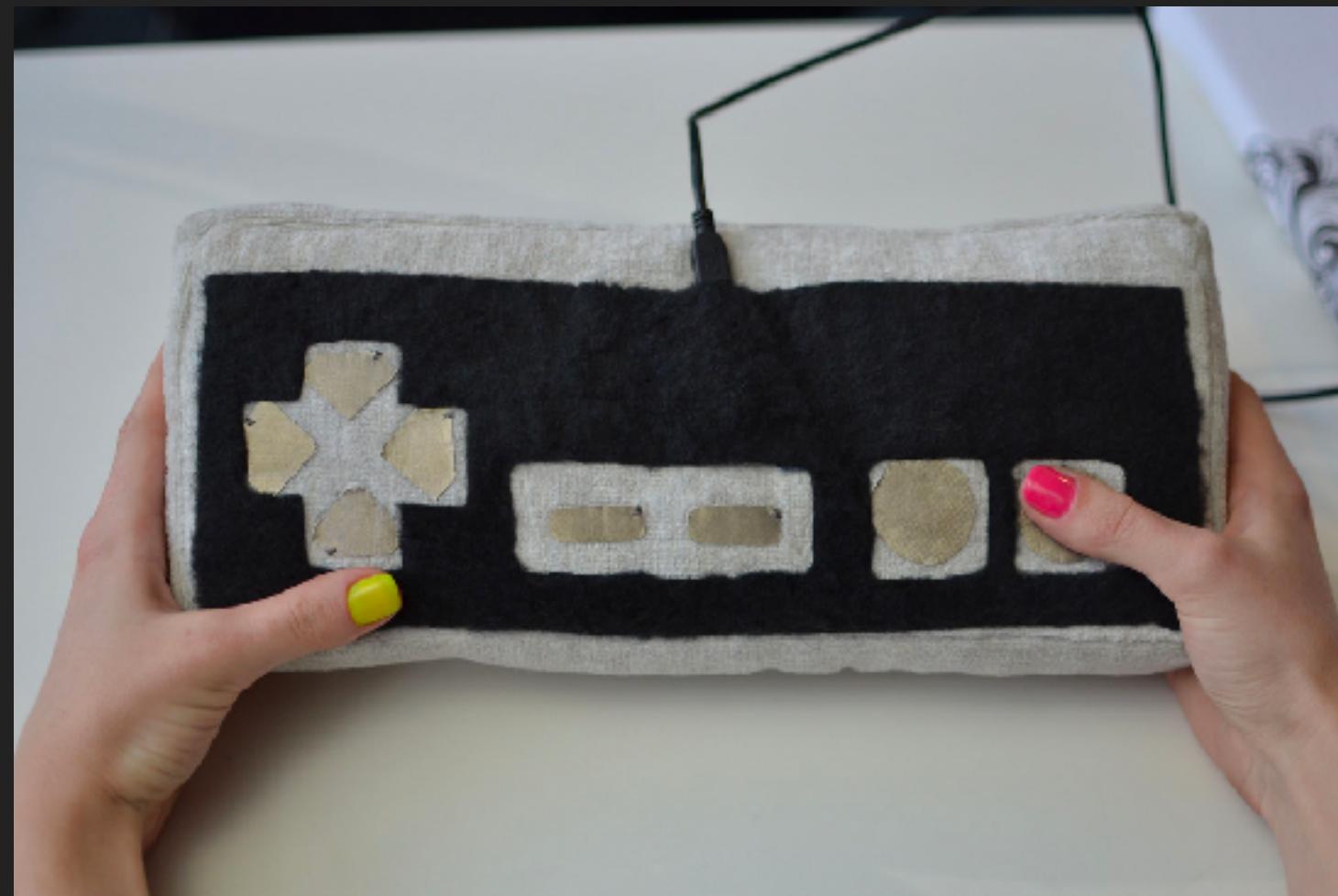
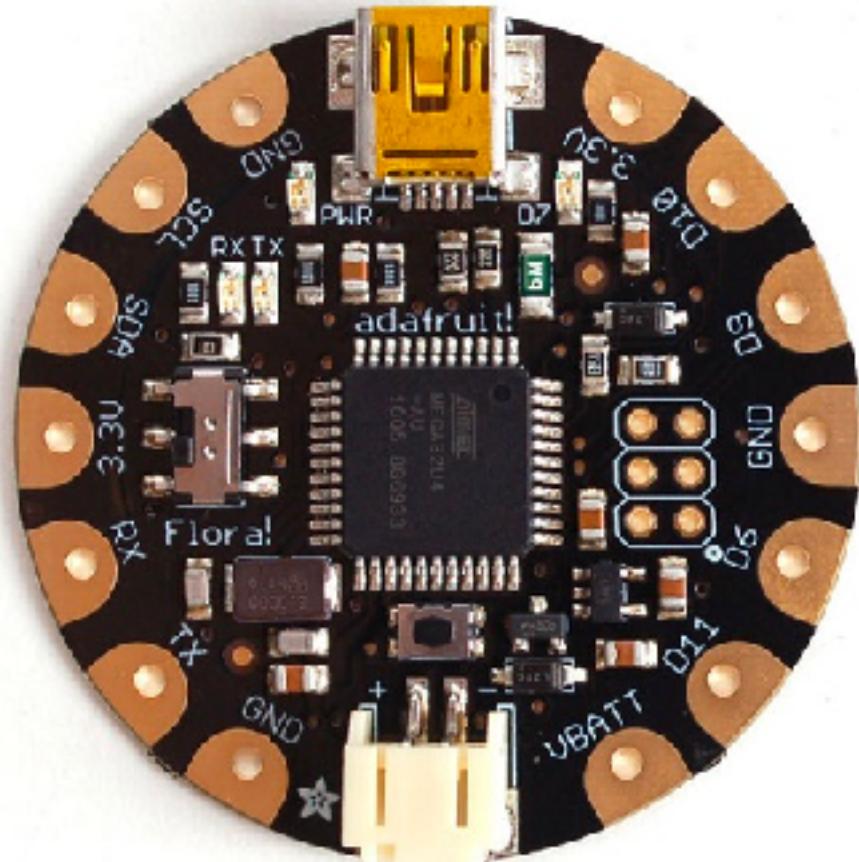

TECHNOLOGY WEARABLES BUILD NIGHT

TECHNOLOGY WEARABLES

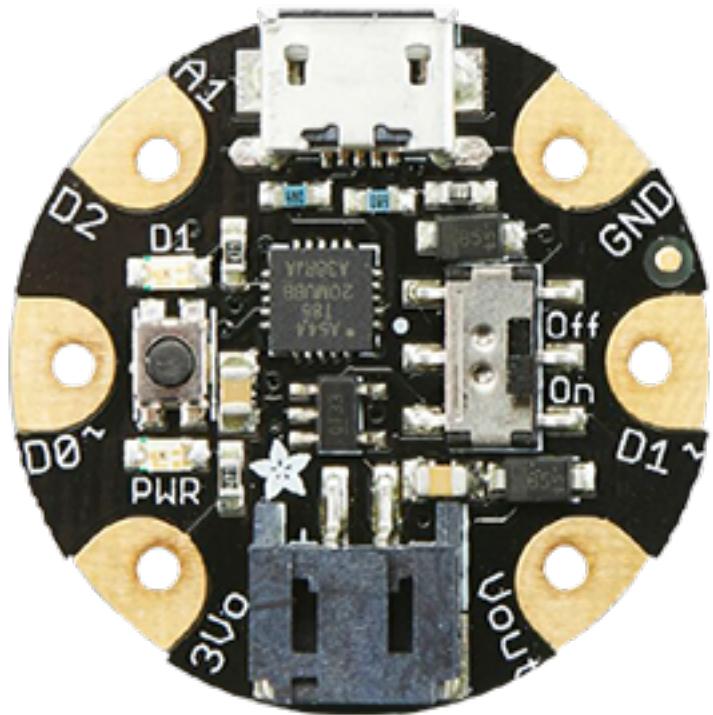


EACH KIT HAS

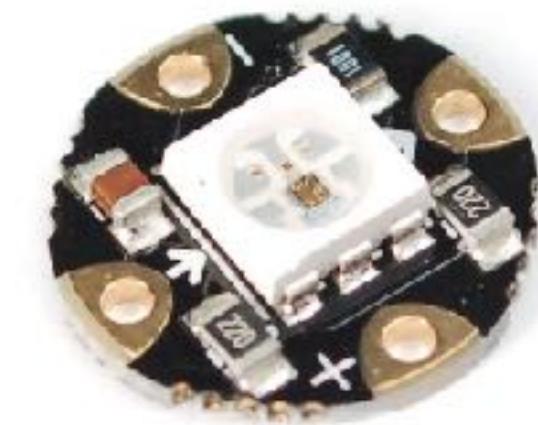


FLORA

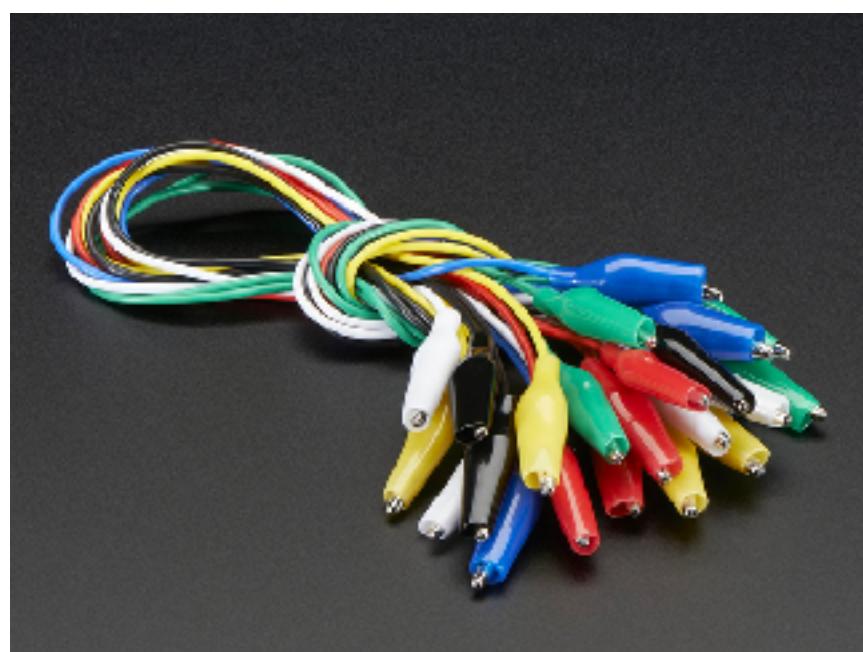
OR



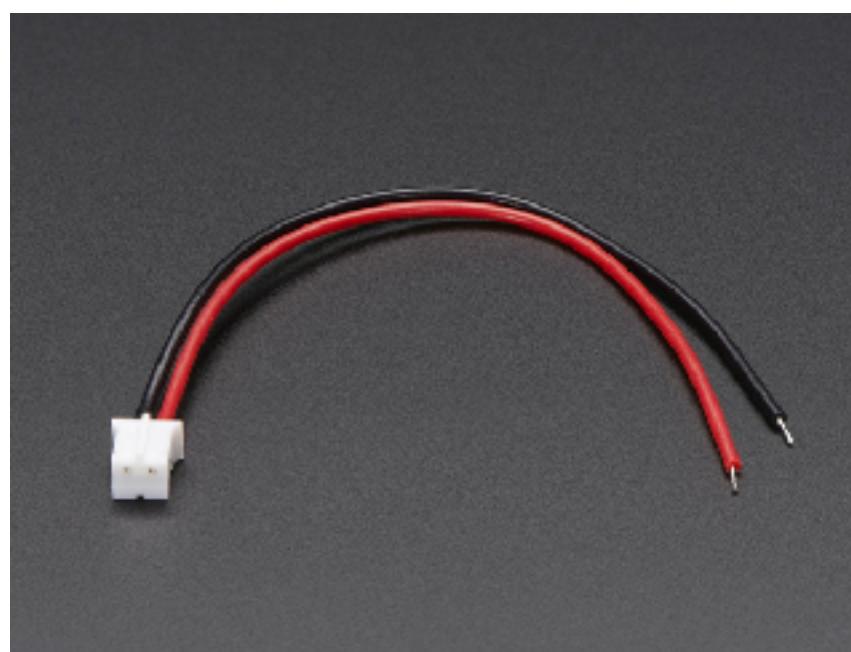
GEMMA



NEOPIXEL



ALLIGATOR CABLES X3

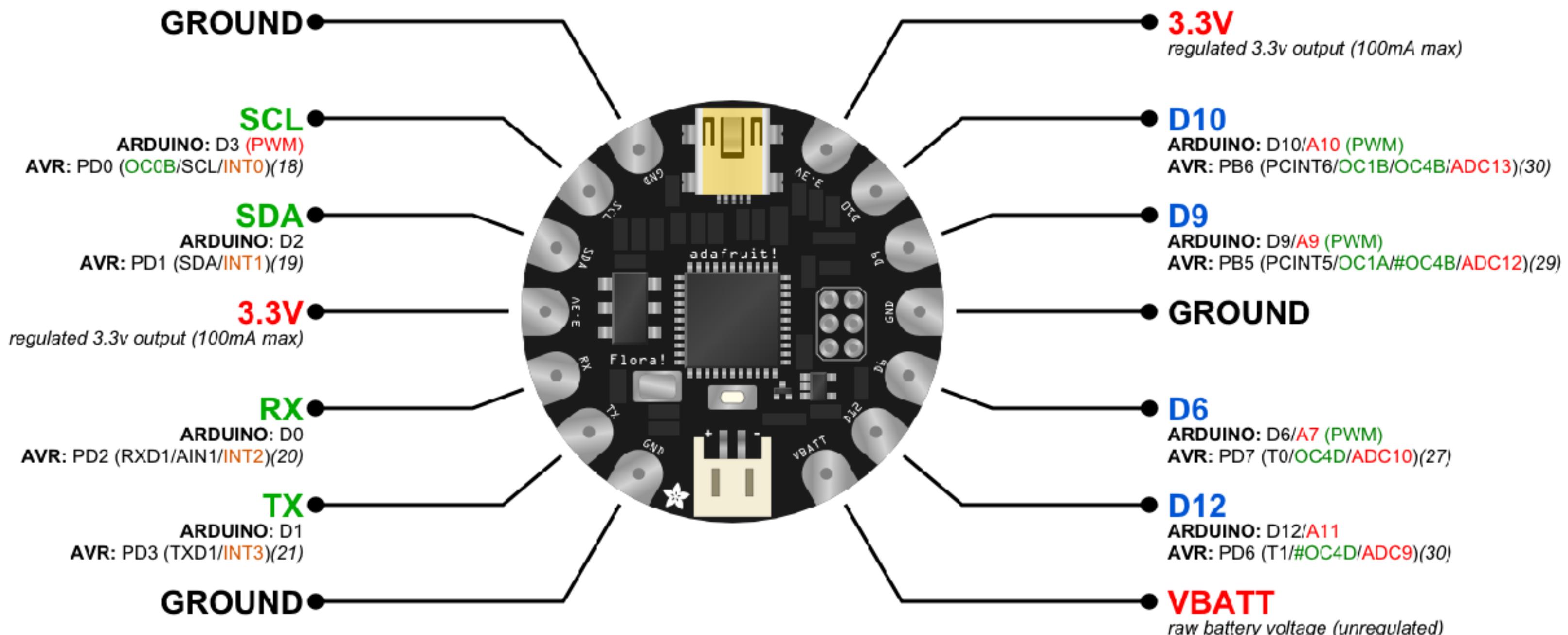


JST CONNECTOR



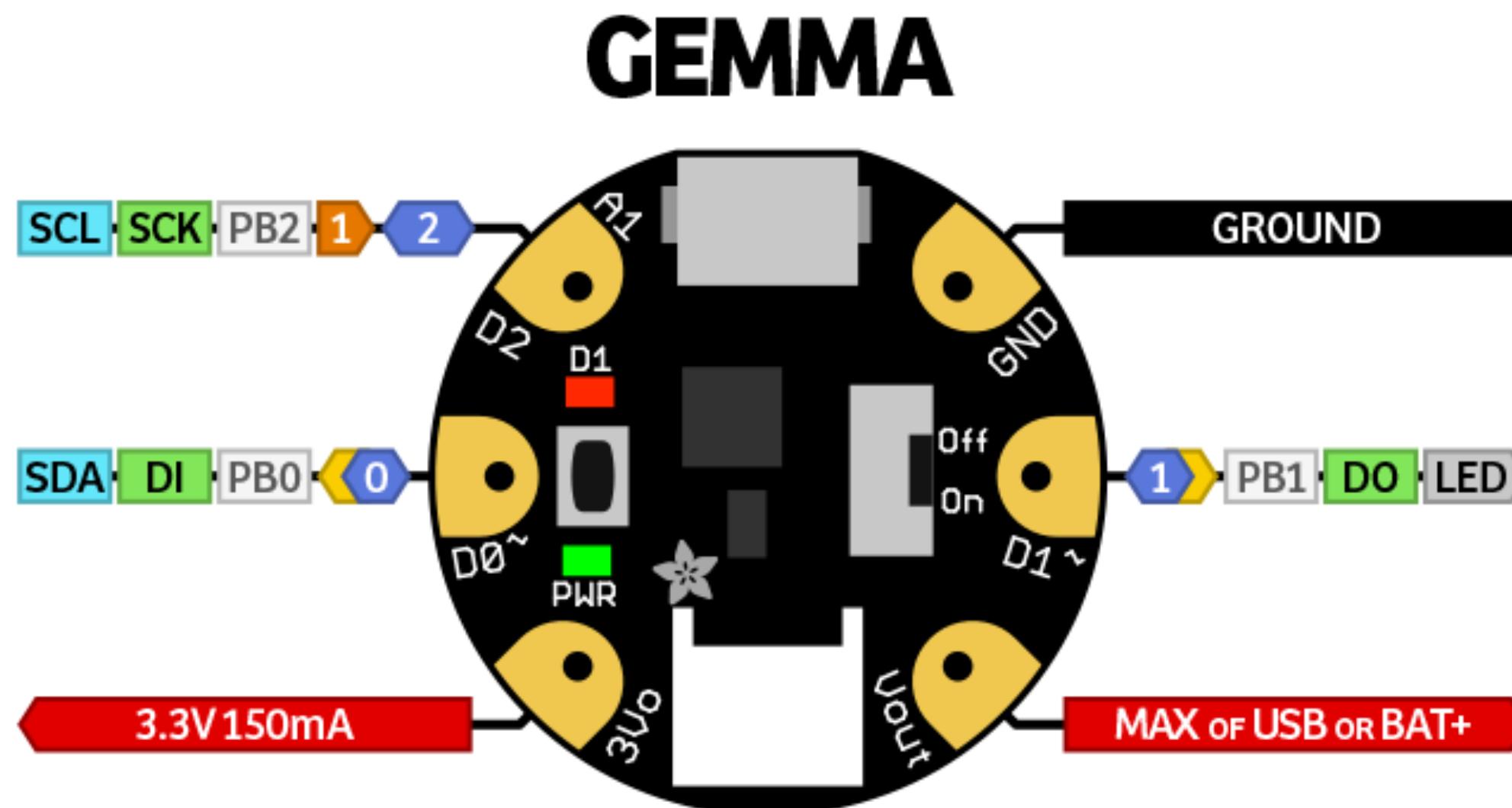
BATTERY X2

FLORA



FLORA Wearable Electronics Platform

GEMMA

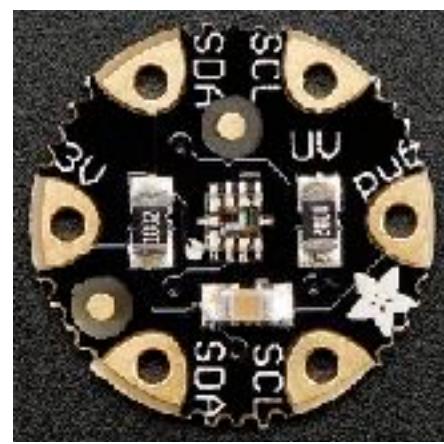


POWER		
GROUND		
DIGITAL READ/WRITE		
ANALOG: READ	WRITE	
SERIAL	I2C	SPI
PORT PIN		
MISC		

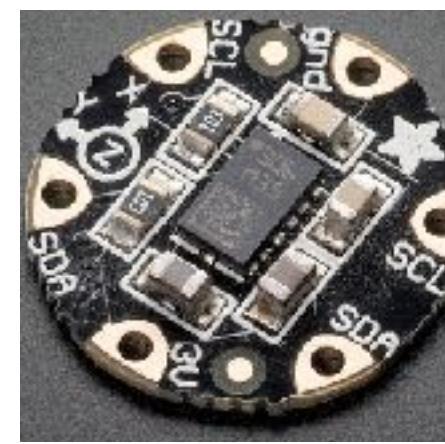
LIGHT, SENSORS & ACTUATORS THAT ARE ON THE COMMON TABLE



COLOR
SENSOR



UV LIGHT
SENSOR



ACCELEROMETER
& COMPASS



SPEAKER



SOFT POTENTIOMETER



BUTTON SWITCH



TIFF BALL SWITCH



ON/OFF SWITCH



CONDUCTIVE FABRIC



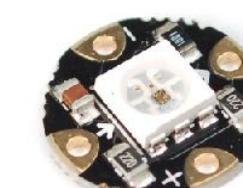
FORCE SENSOR



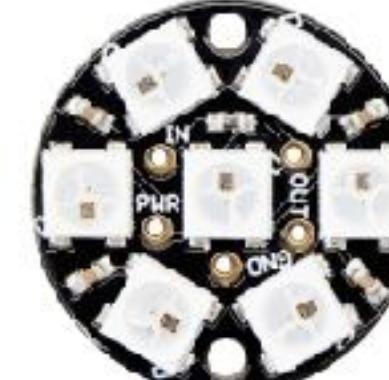
RED SEQUIN



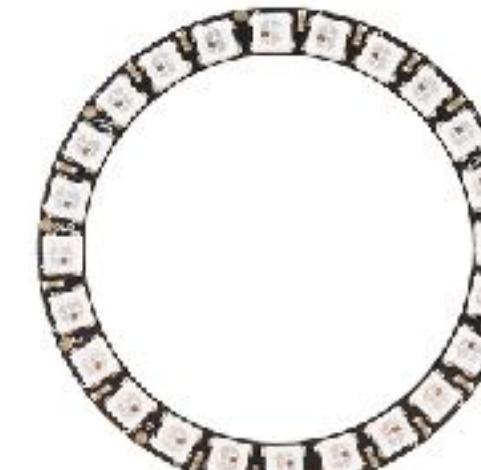
BLUE SEQUIN



NEOPIXEL



NEOPIXEL JEWEL



NEOPIXEL RING



NEOPIXEL STRIP

MAKE IT WORK

YOUR MISSION:

- ▶ Create your own technology wearable

GETTING STARTED:

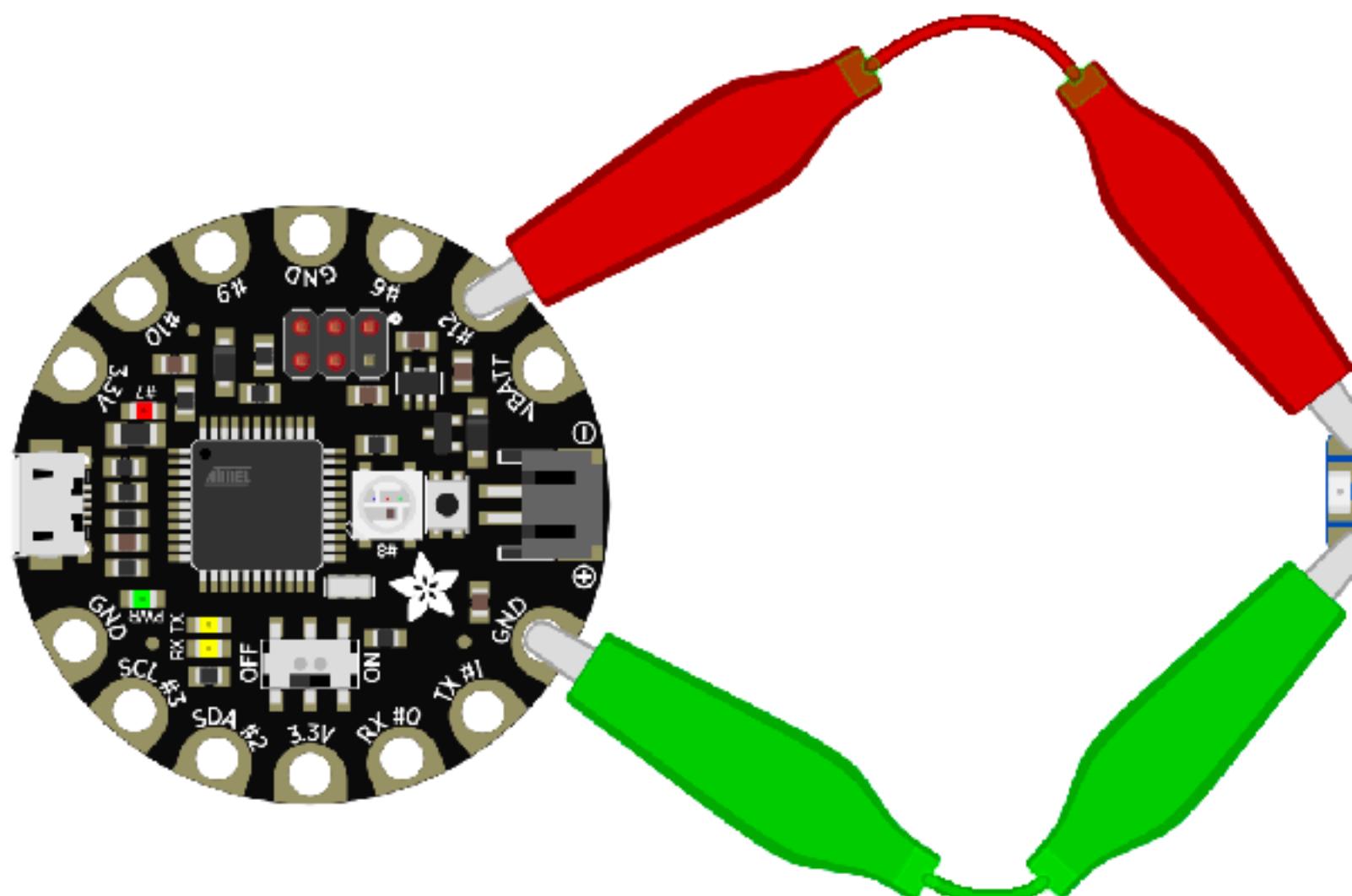
- ▶ Come up with an idea of what you want to build
- ▶ Connect the necessary lights, sensors, and actuators to your FLORA or Gemma using alligator cables
- ▶ There are code examples of how to use every light, sensor, and actuator on GitHub
- ▶ Copy from a code example into wearables.ino
- ▶ Upload the code to your FLORA or Gemma 
- ▶ Run your code 
- ▶ If you brought your own parts, once your project fully works with alligator cables, you can sew!



NOTES:

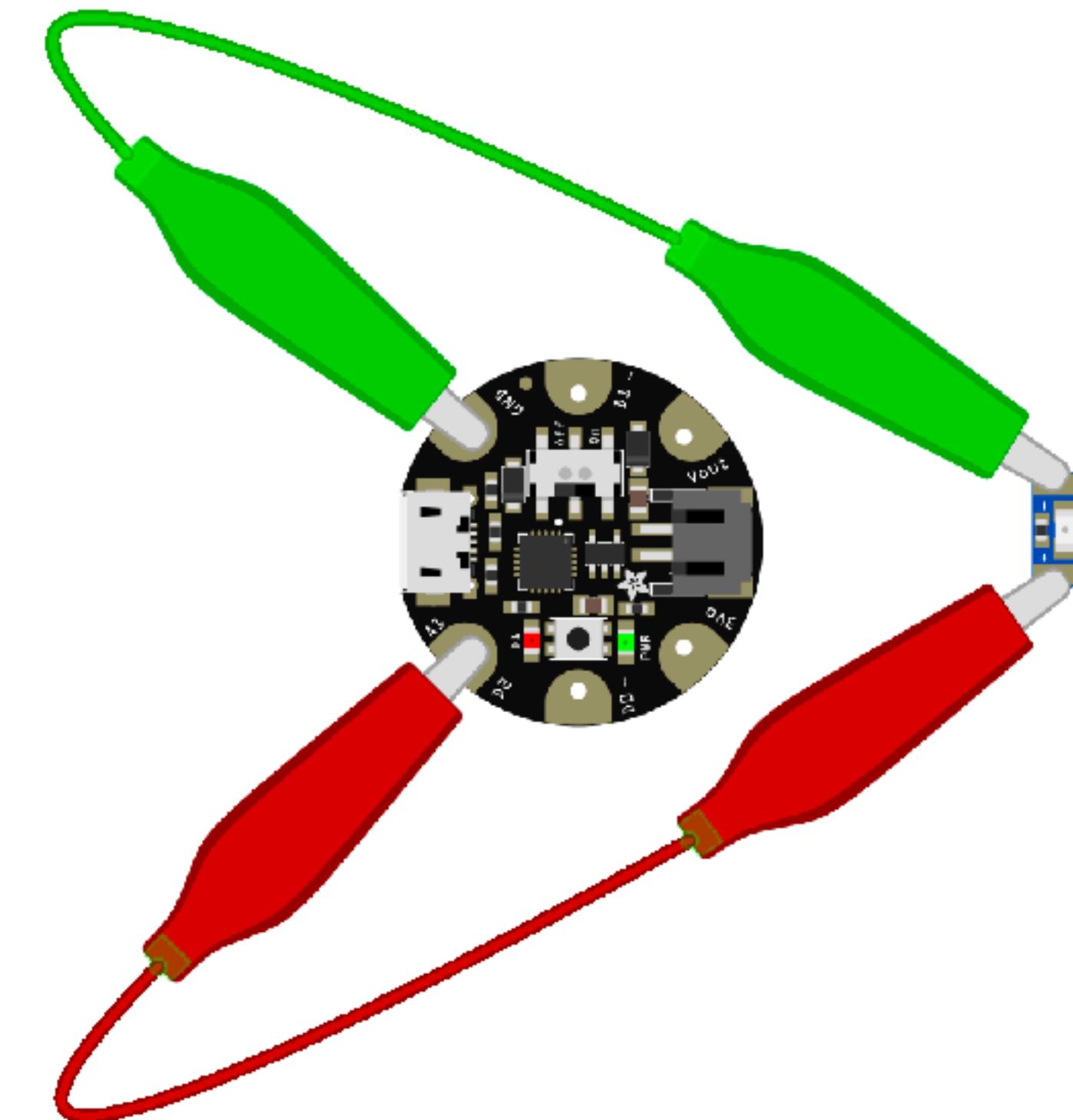
- ▶ Try, try again - failure is expected and helps you come up with new ideas
- ▶ You have a helper if you get really stuck
- ▶ Please take photos of your team and build process - we will have a wiki where everyone can share their projects

SEQUIN BLINK



fritzing

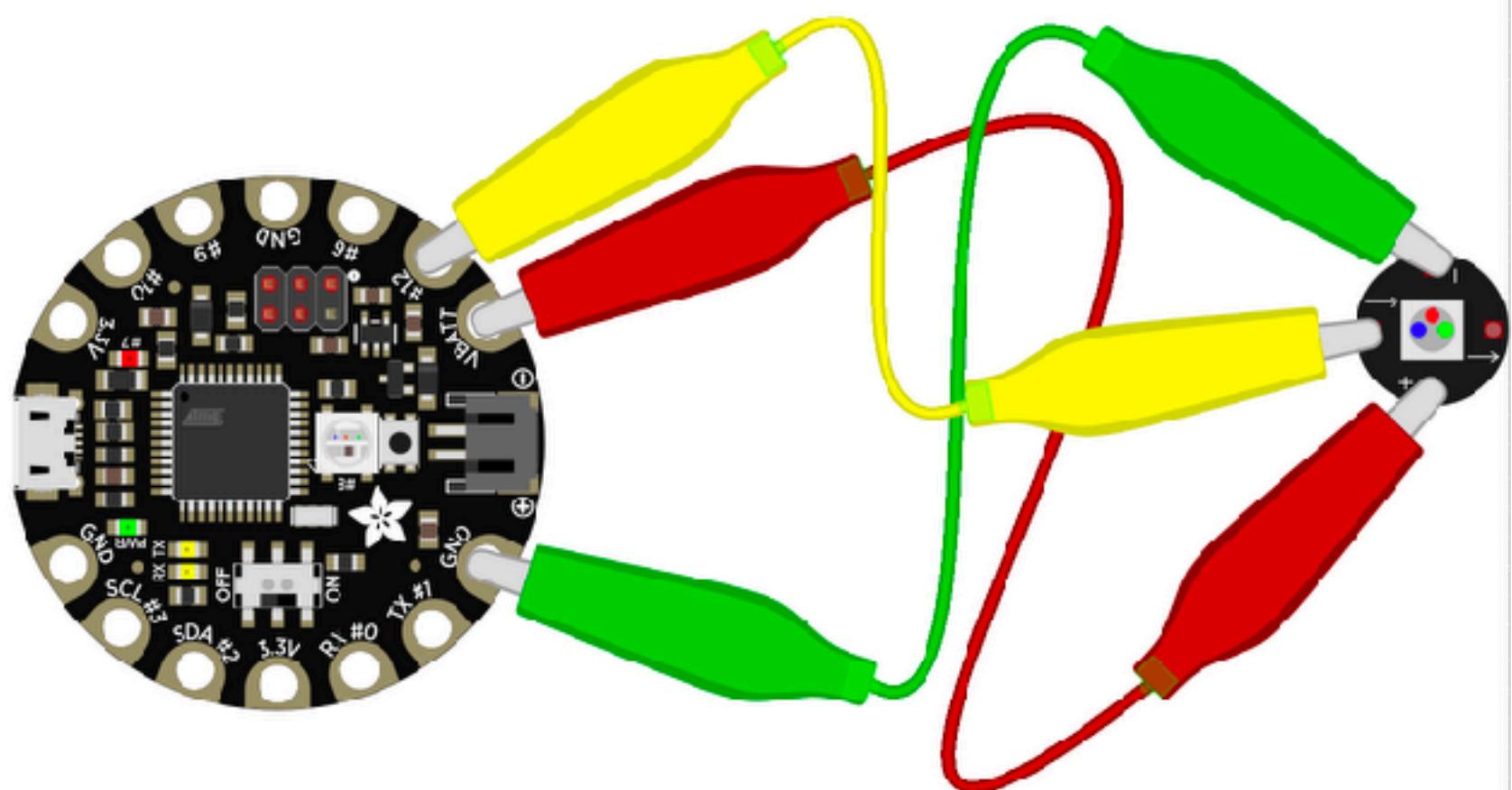
FLORA



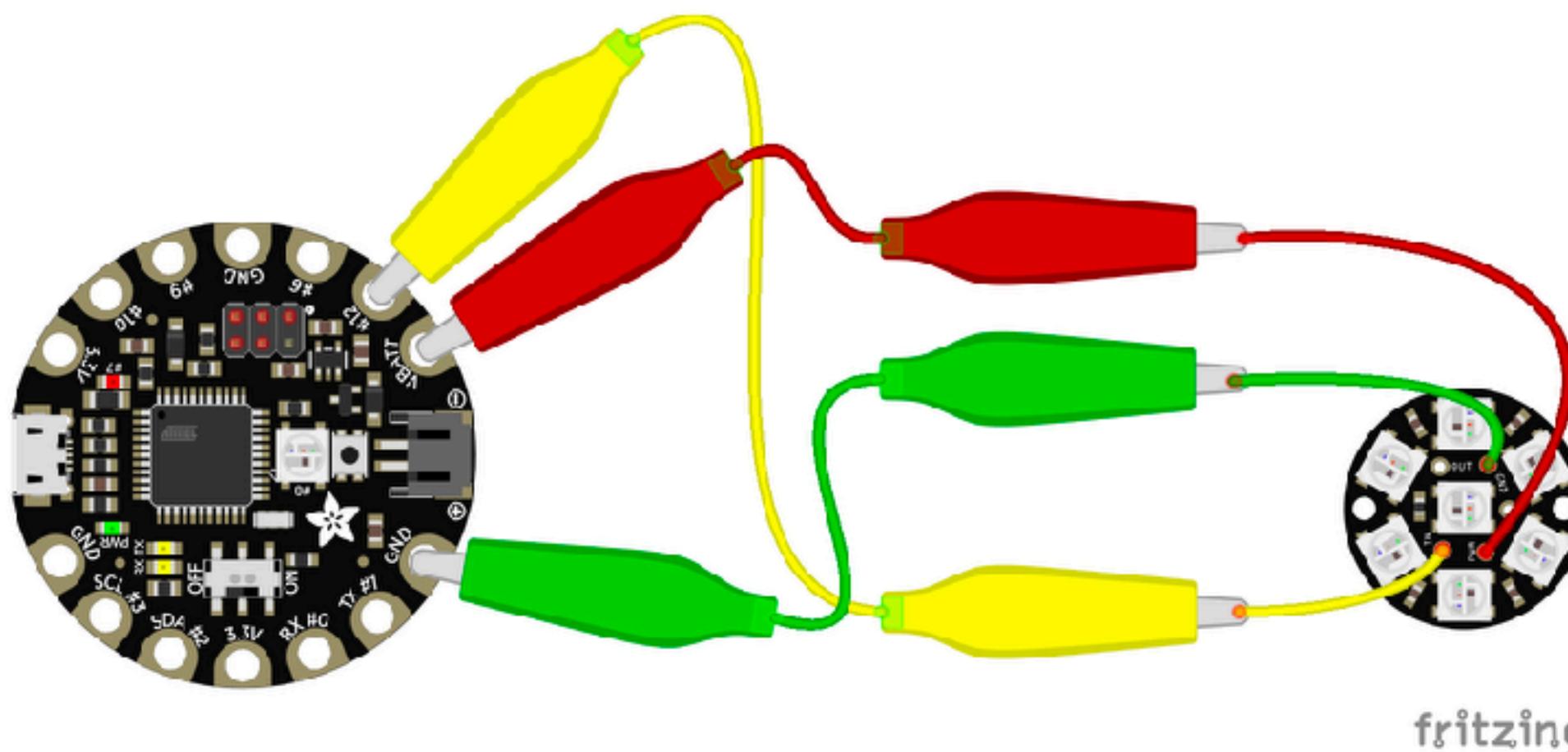
GEMMA

fritzing

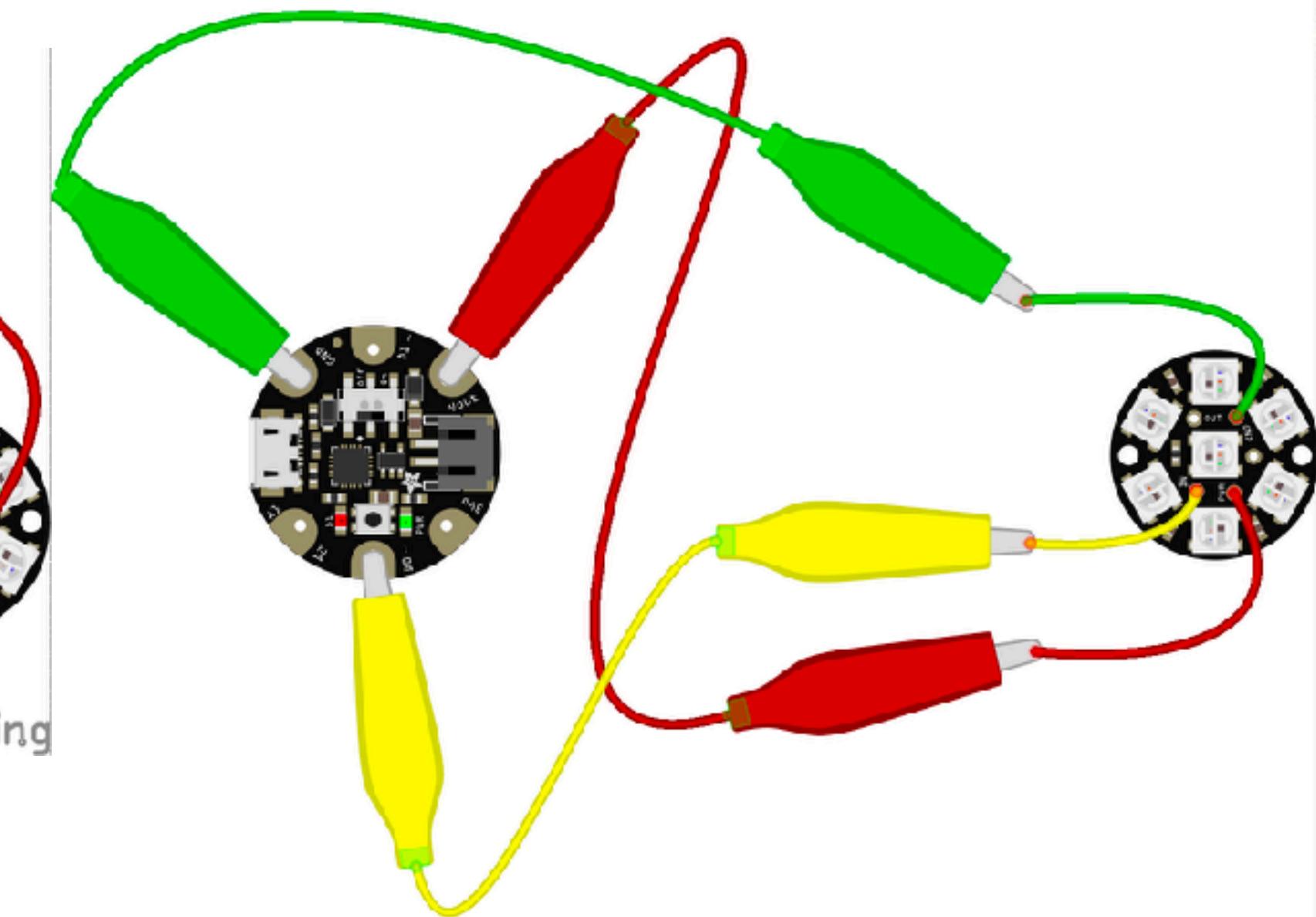
NEOPIXEL RAINBOW



NEOPIXEL JEWEL



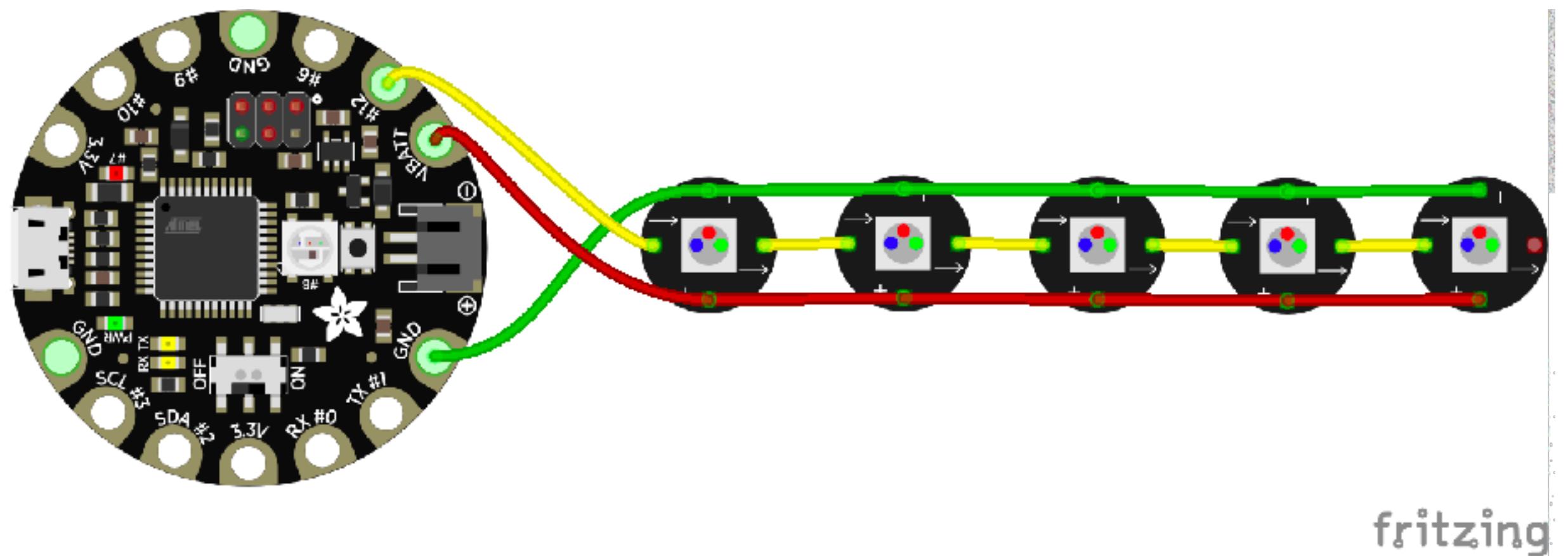
fritzine



fritzing

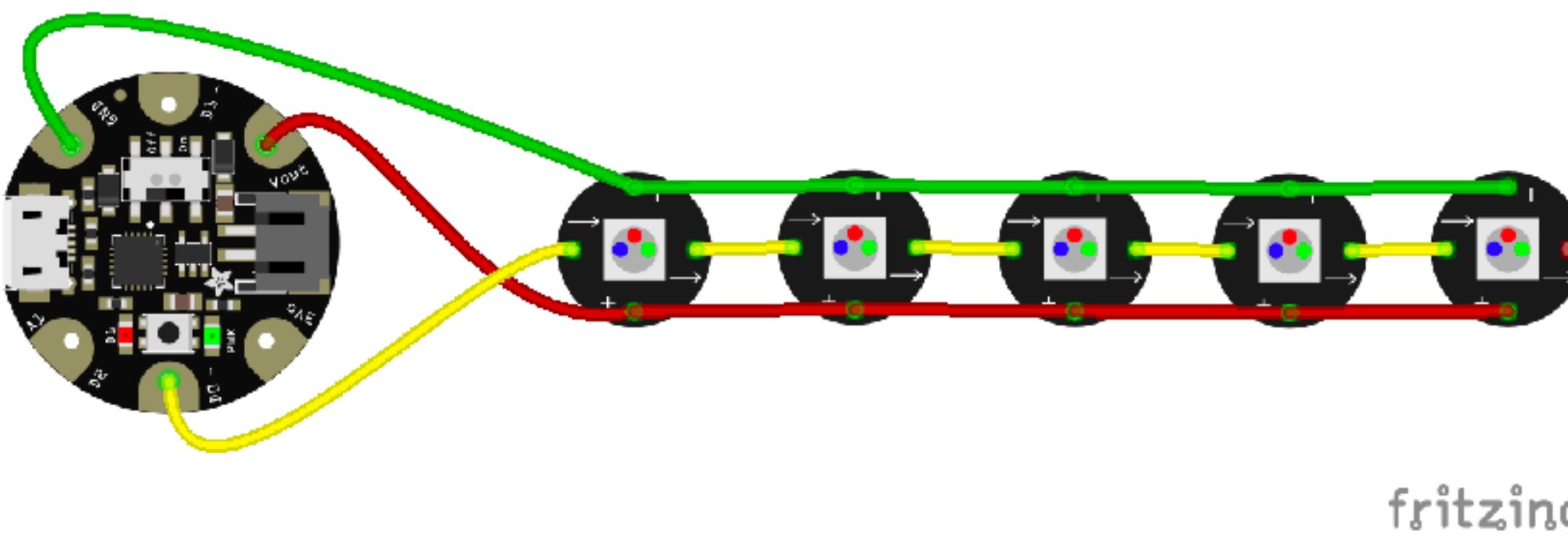
FLORA

NEOPIXEL CHAIN



FLORA

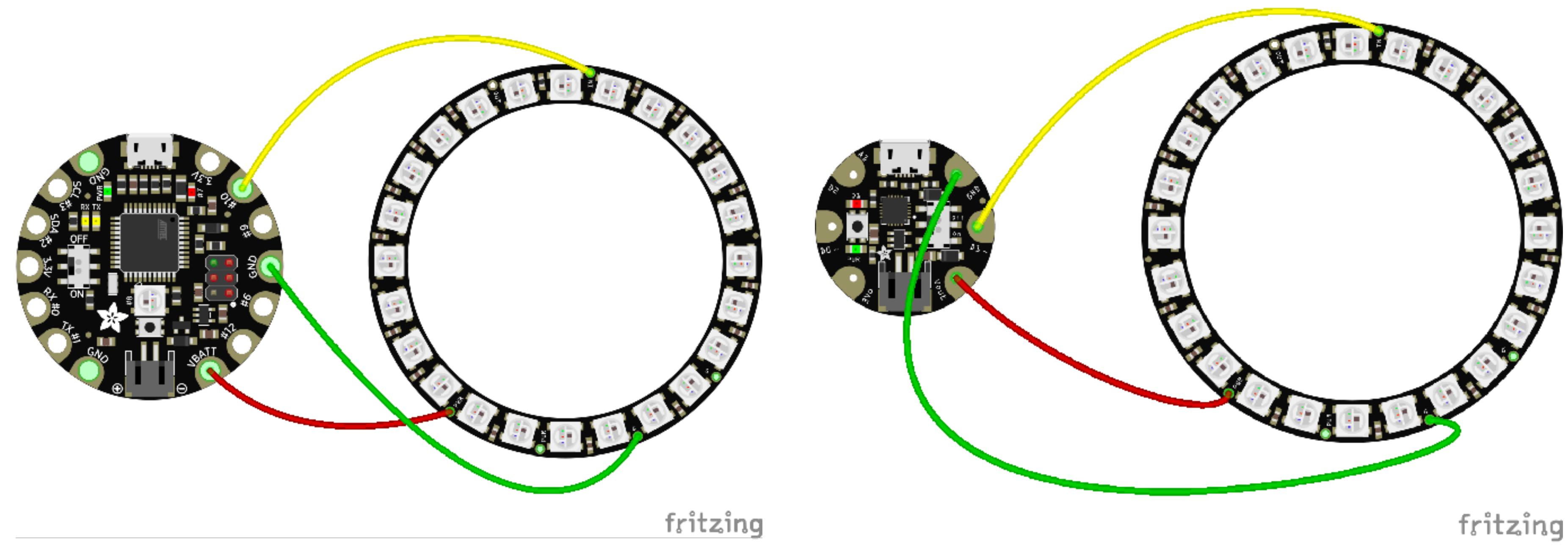
fritzing



GEMMA

fritzing

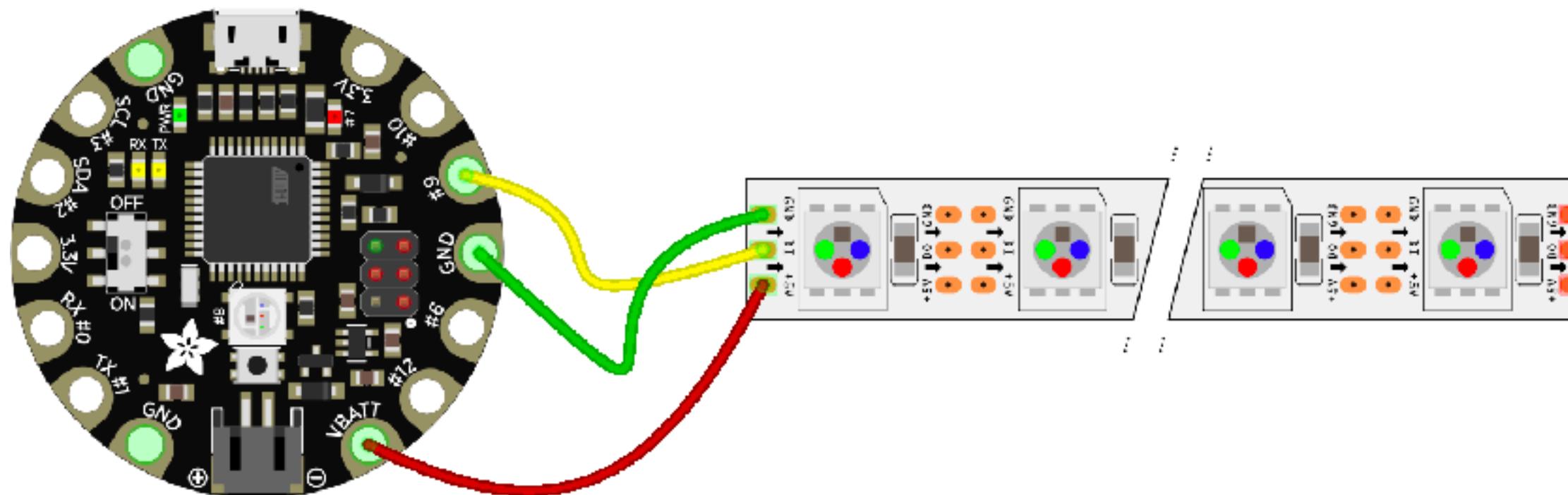
NEOPIXEL RING



FLORA

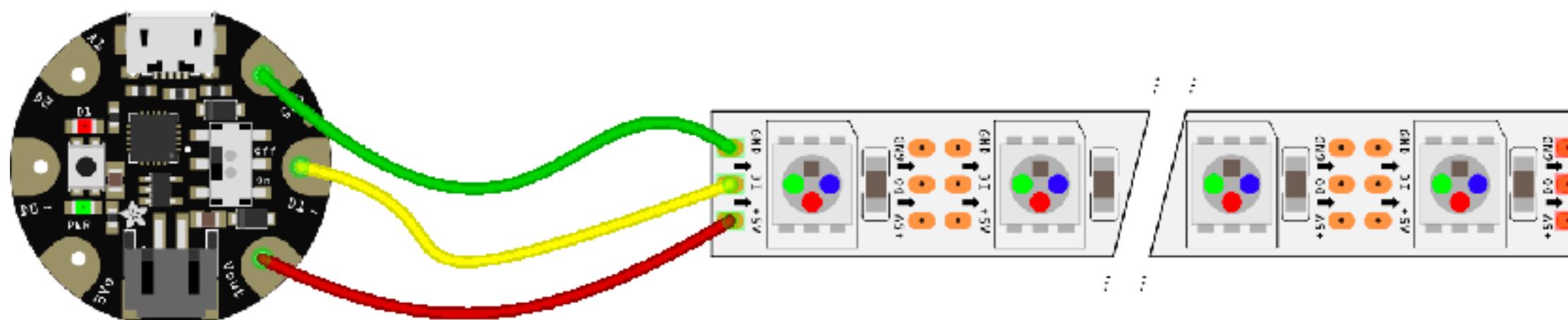
GEMMA

NEOPIXEL STRIP



FLORA

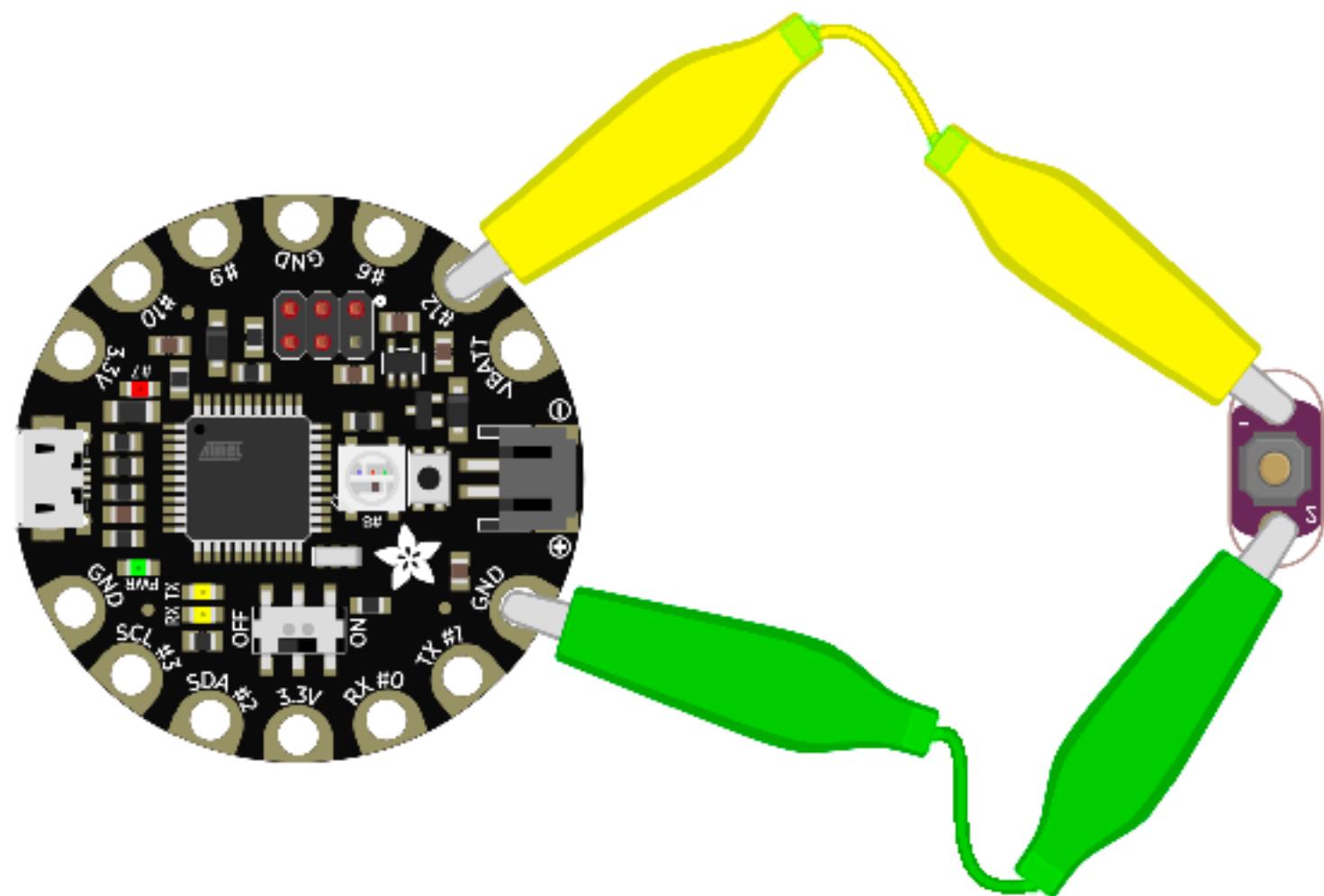
fritzing



GEMMA

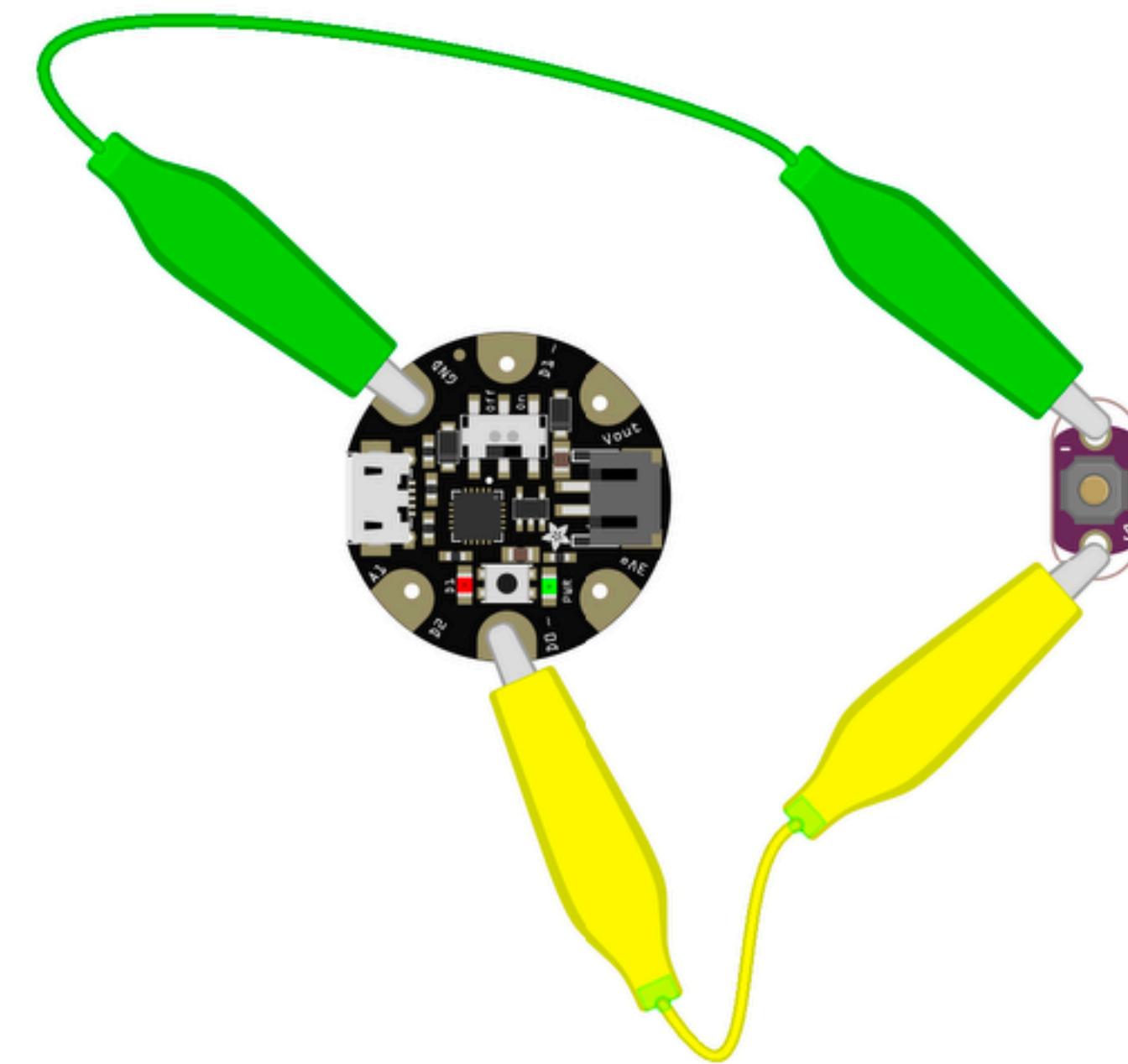
fritzing

PUSH BUTTON



fritzing

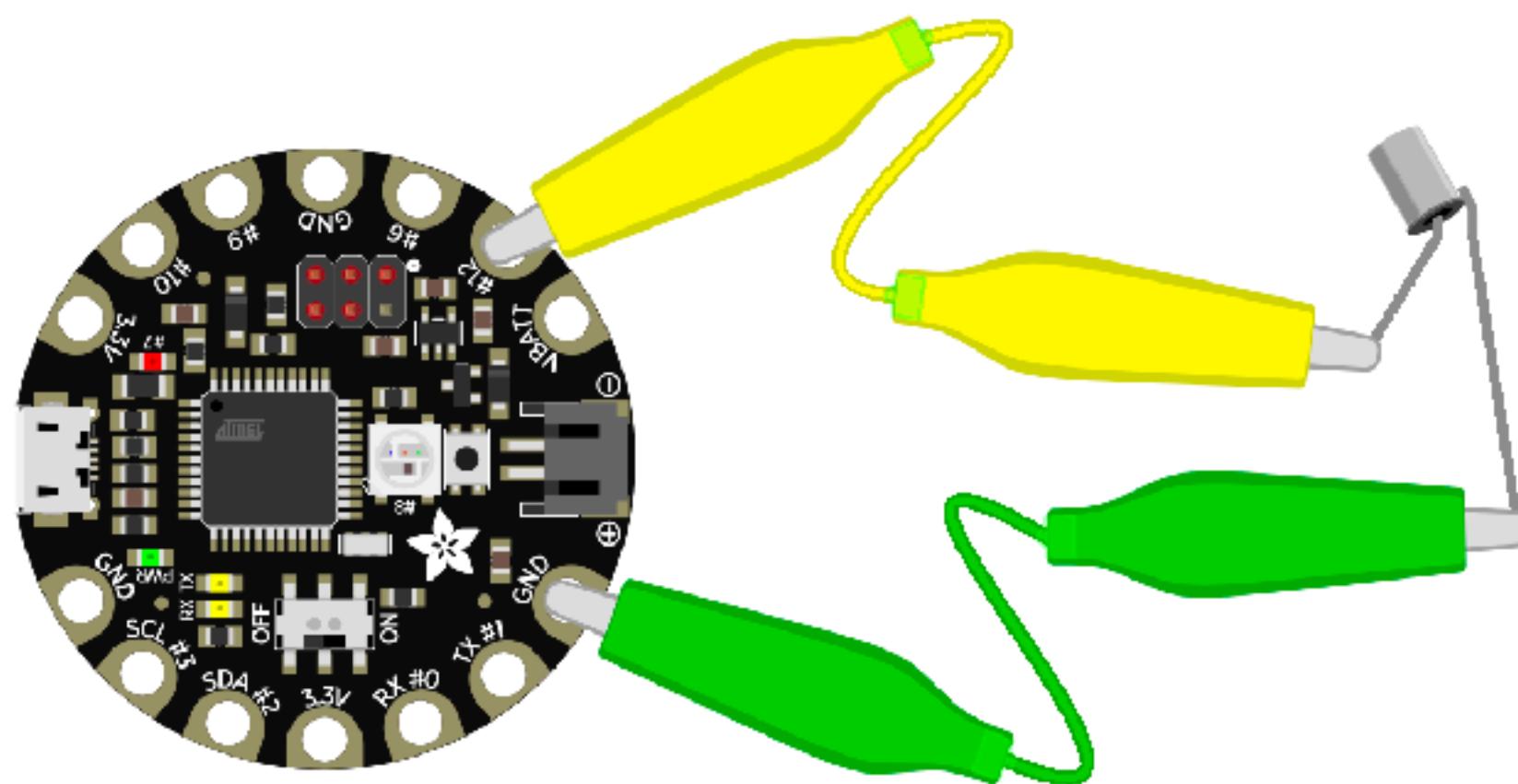
FLORA



fritzing

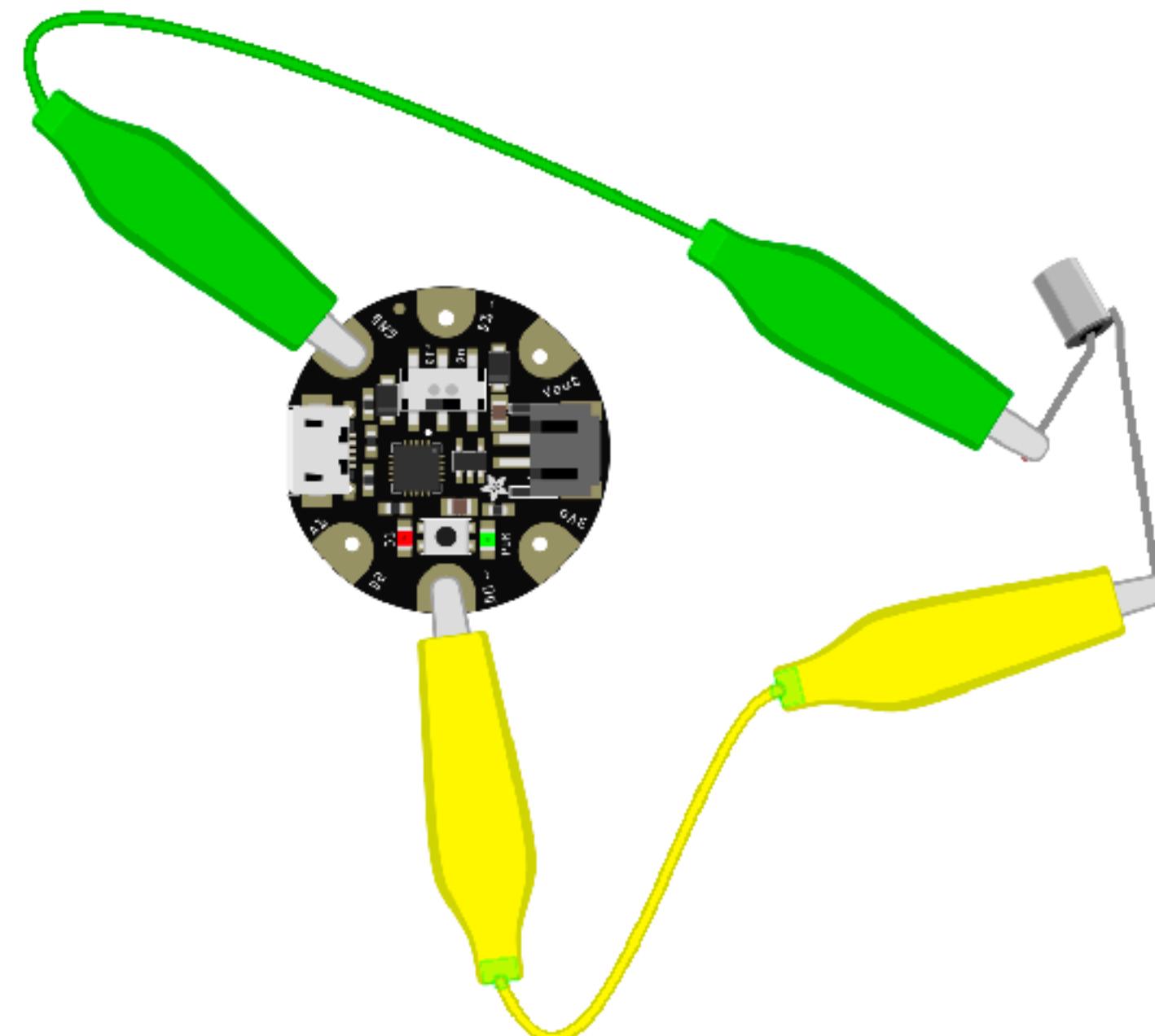
GEMMA

TI LT SWITC H



FLORA

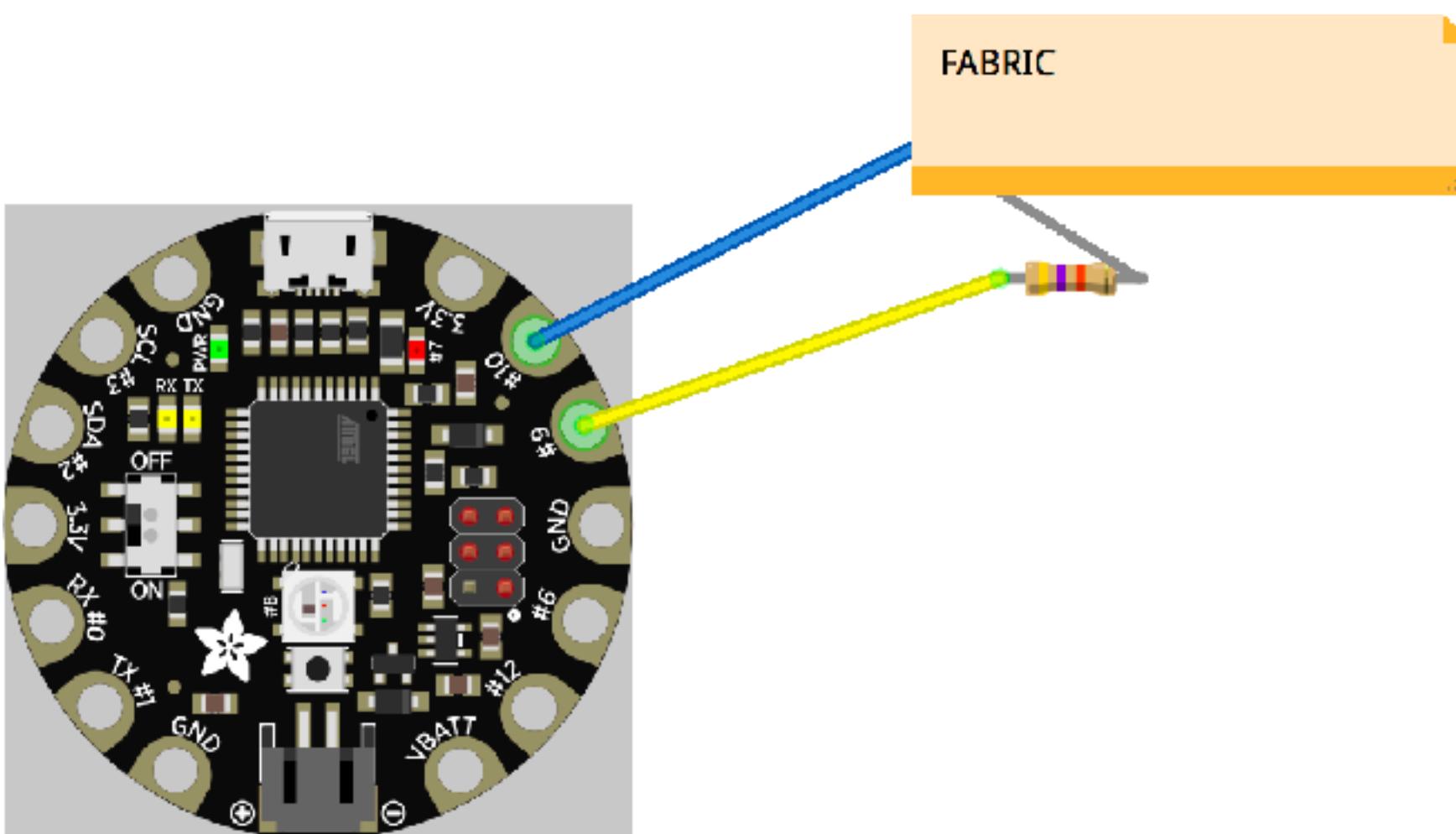
fritzing



fritzing

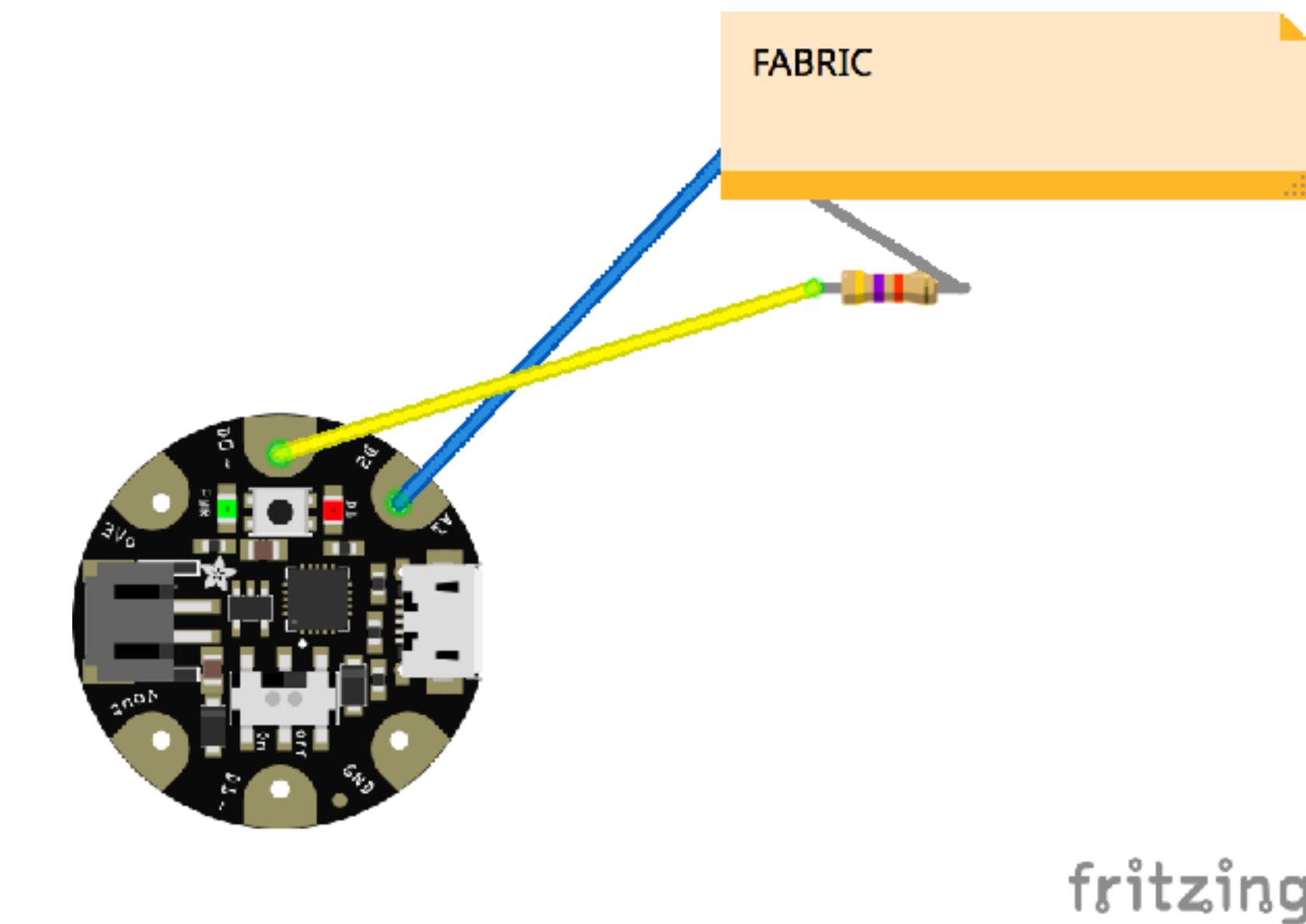
GEMMA

CONDUCTIVE FABRIC



fritzing

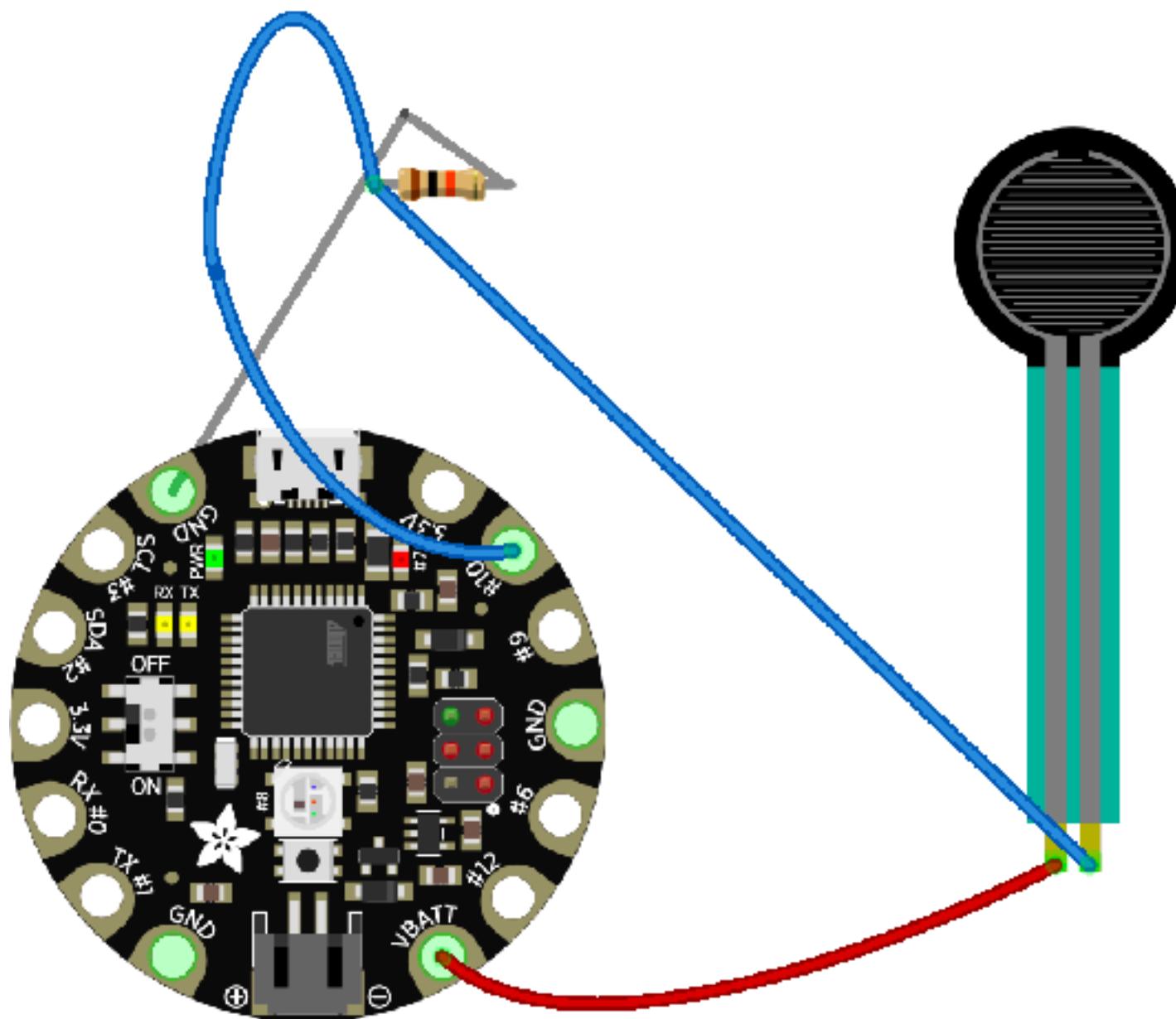
FLORA



fritzing

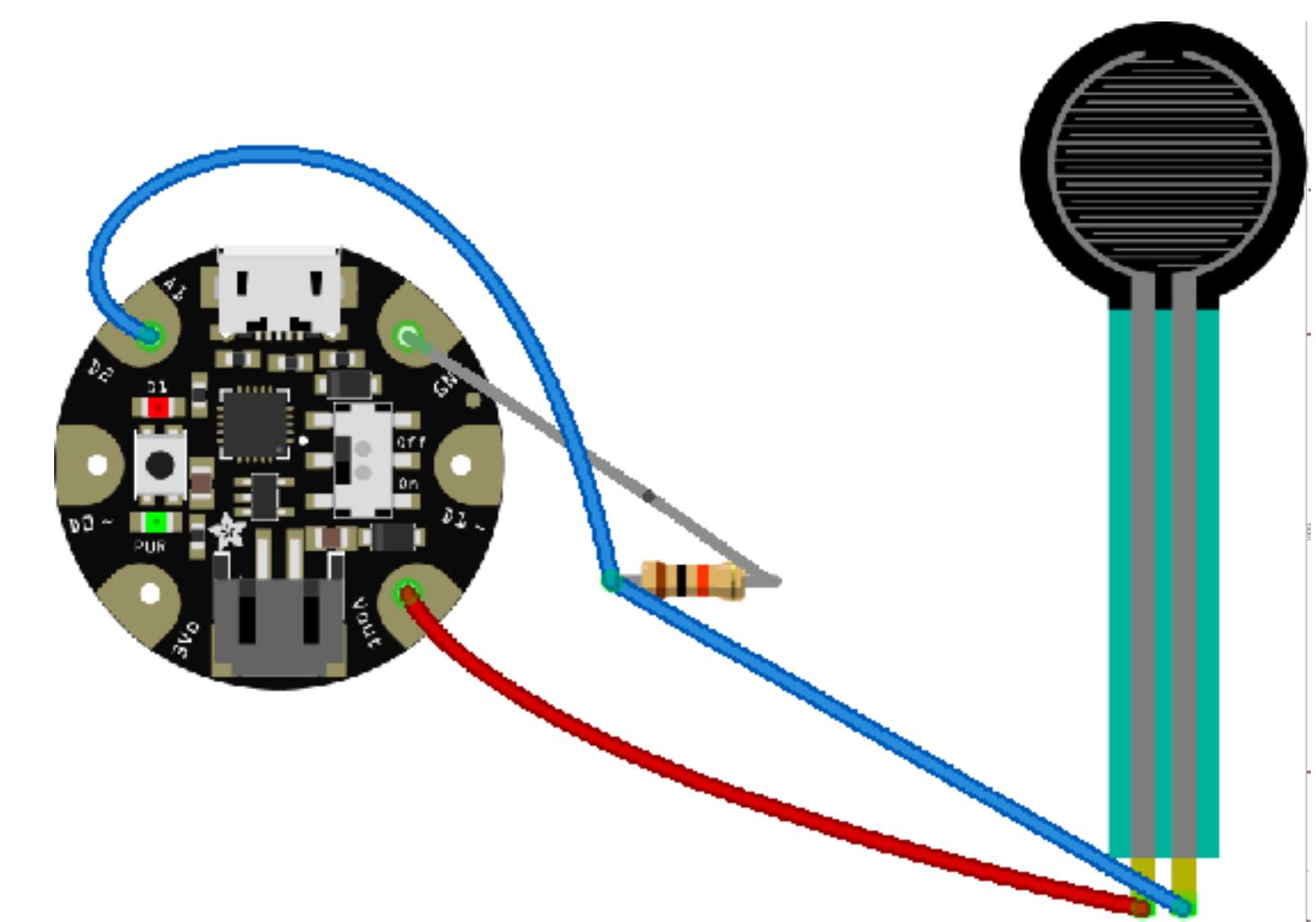
GEMMA

FORCE SENSOR



fritzing

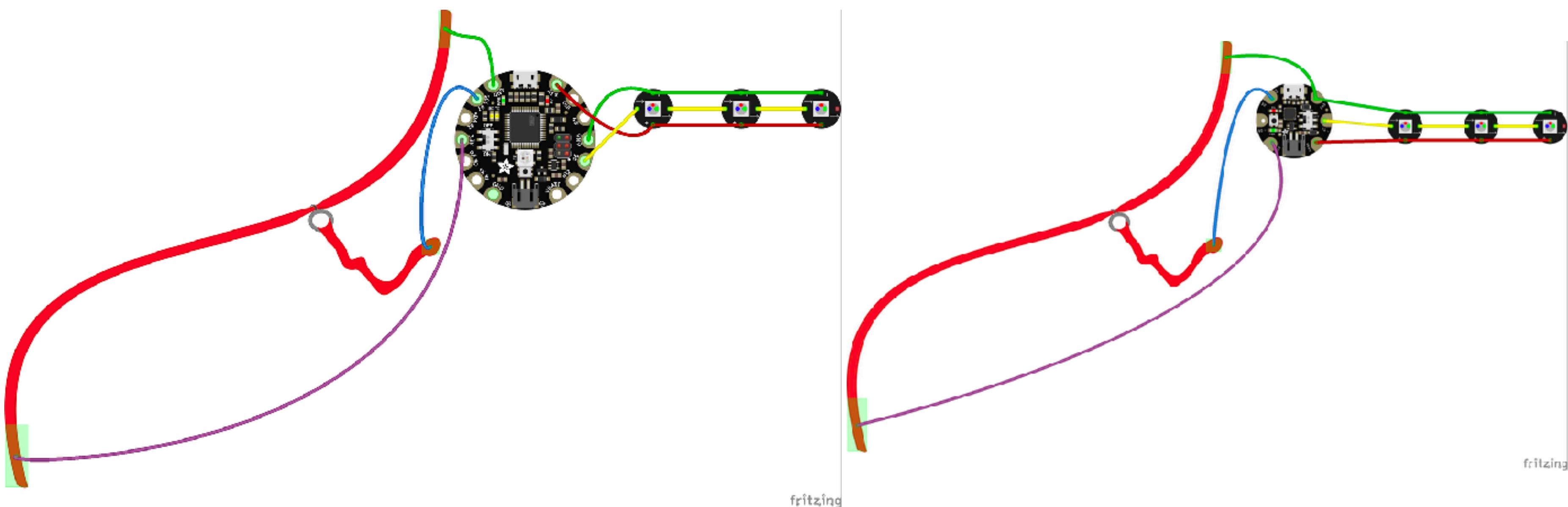
FLORA



fritzing

GEMMA

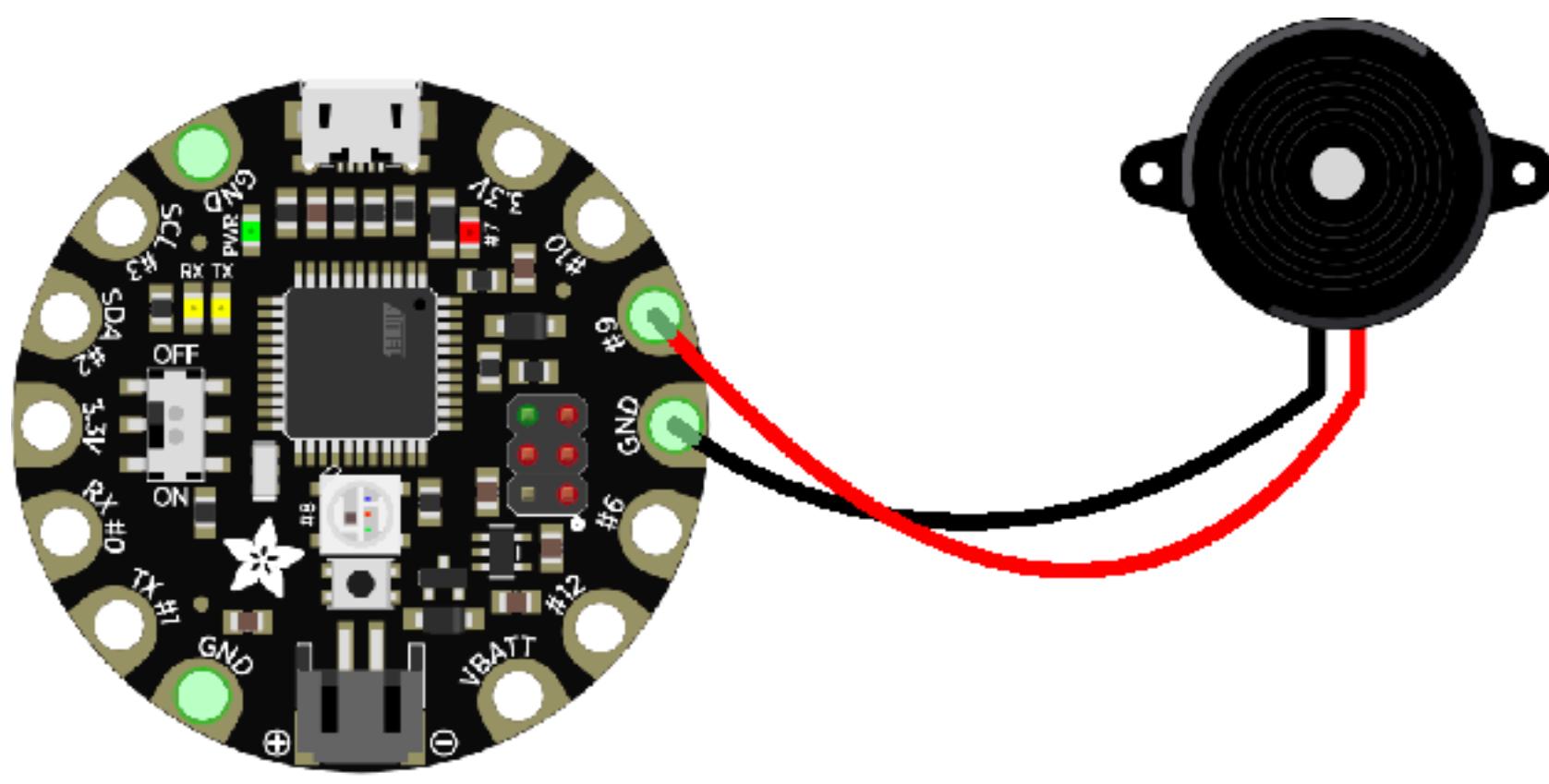
SOFT POTENTIOMETER



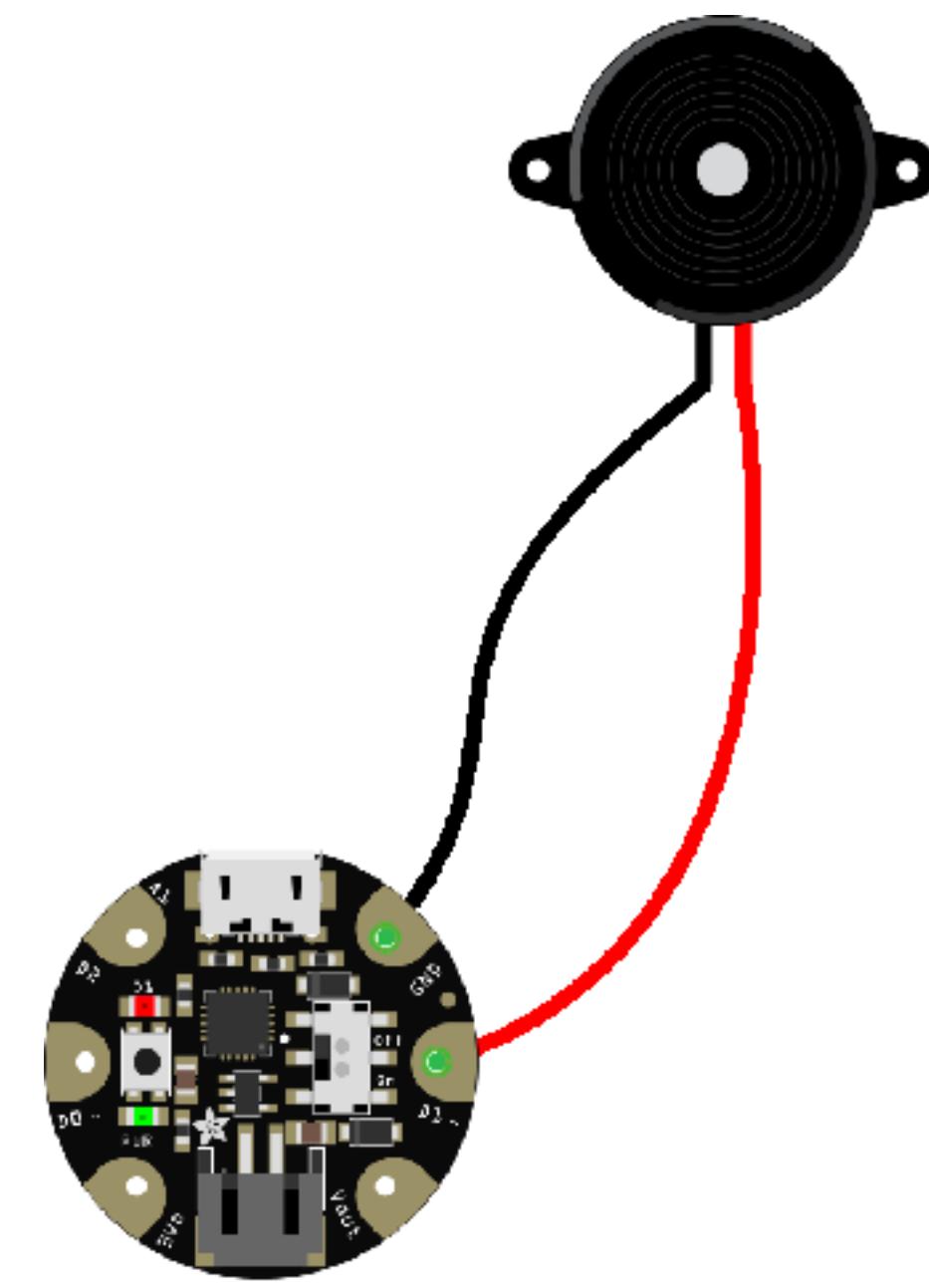
FLORA

GEMMA

SPEAKER

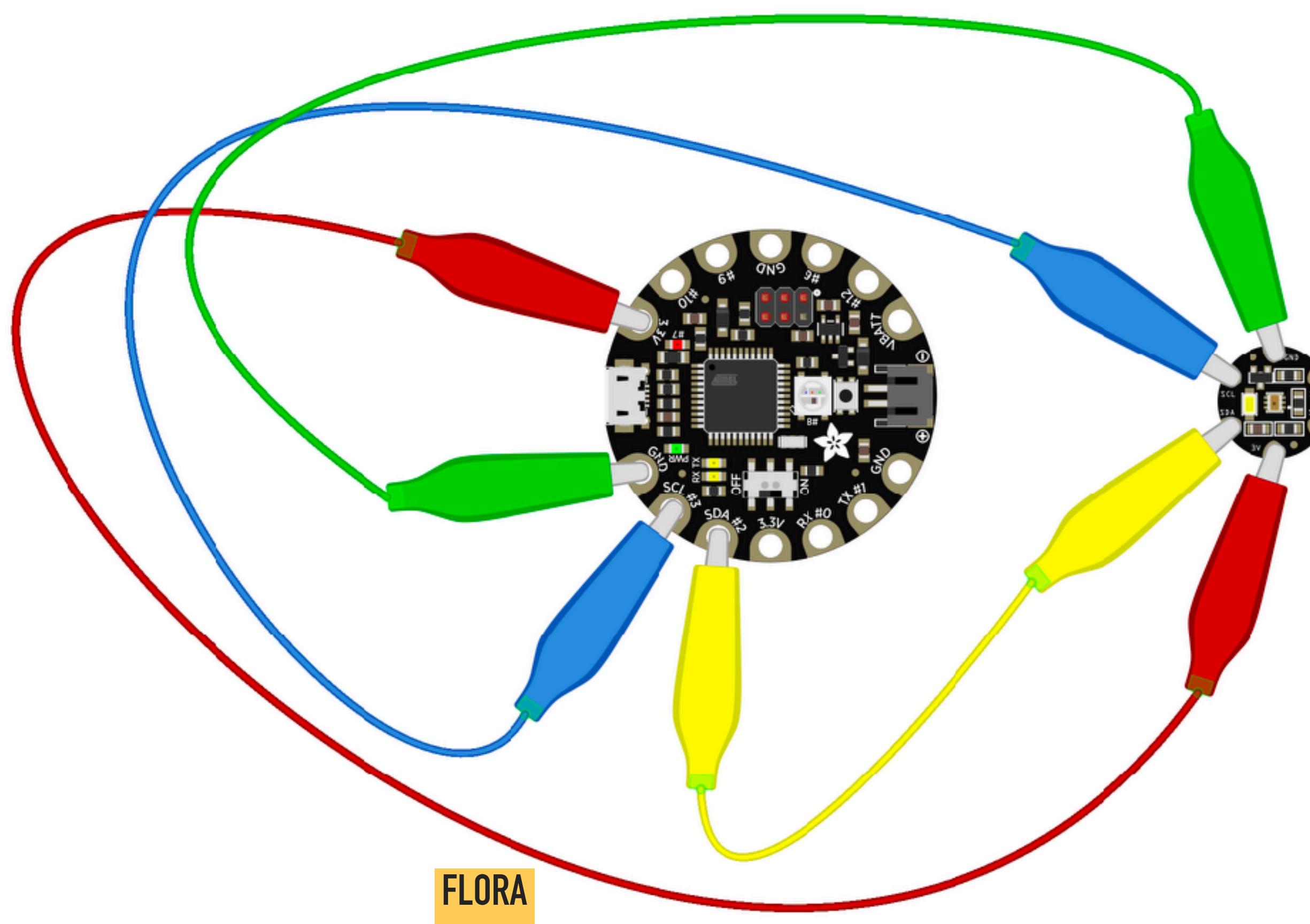


FLORA

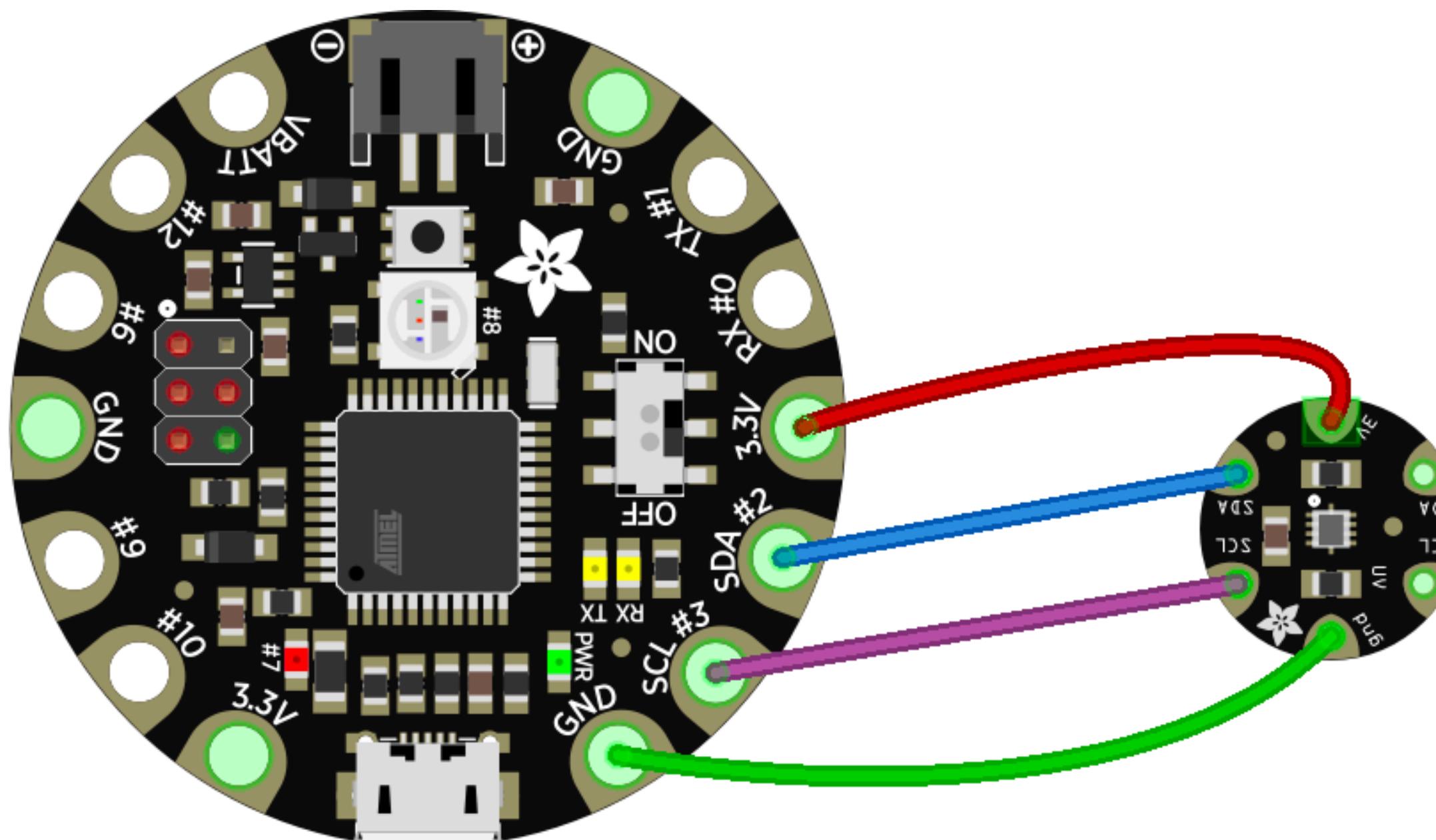


GEMMA

COLOR SENSOR



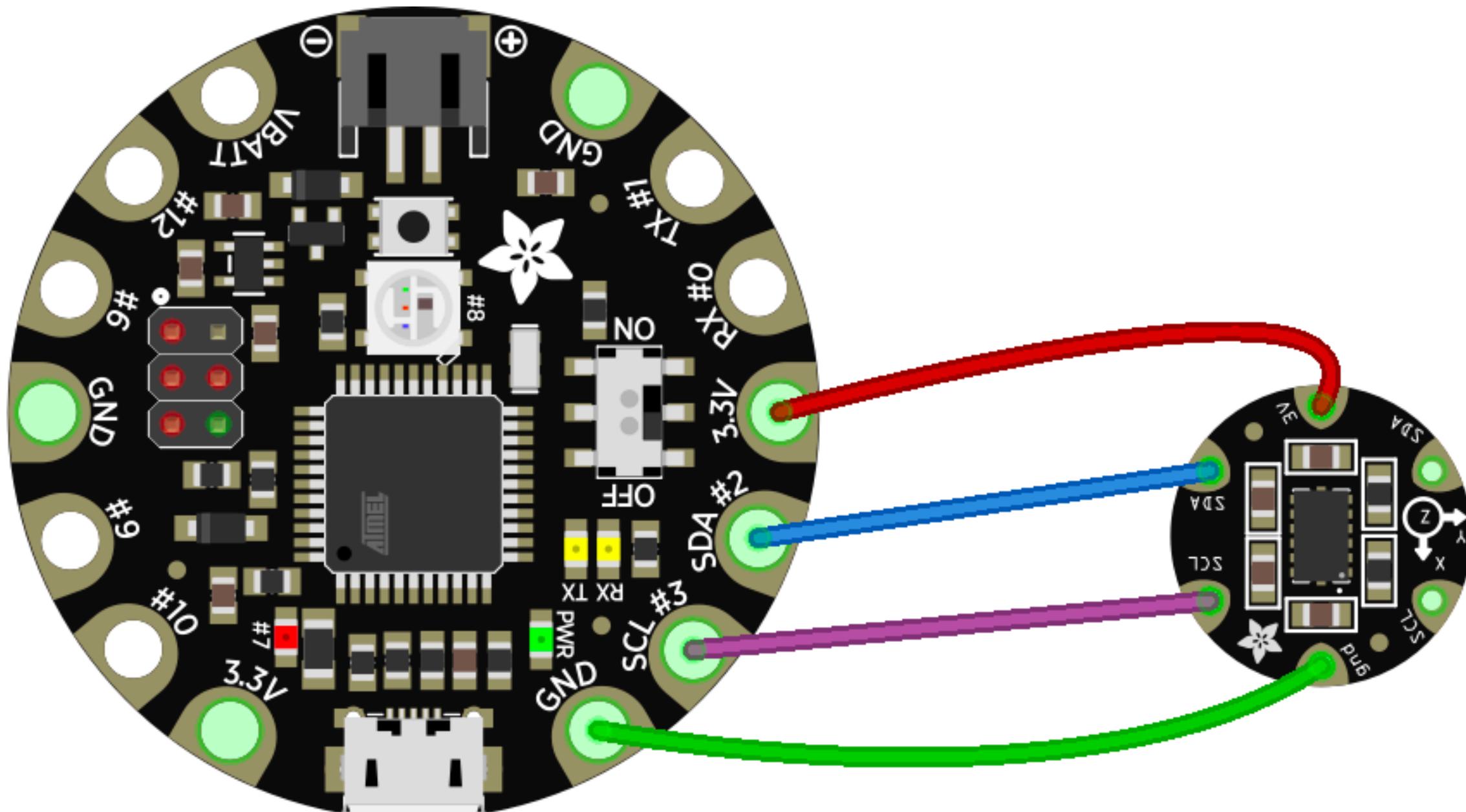
UV LIGHT SENSOR



fritzing

FLORA

ACCELEROMETER/COMPASS



fritzing

FLORA

DREAM UP YOUR
OWN TECHNOLOGY
WEARABLES
PROJECT.

YOU CAN MAKE
ANYTHING YOU CAN
IMAGINE.

**HAVE
FUN!!**