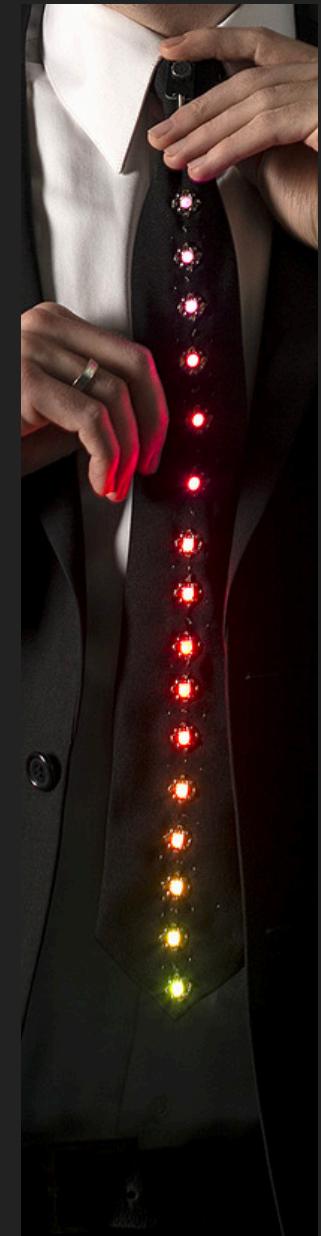
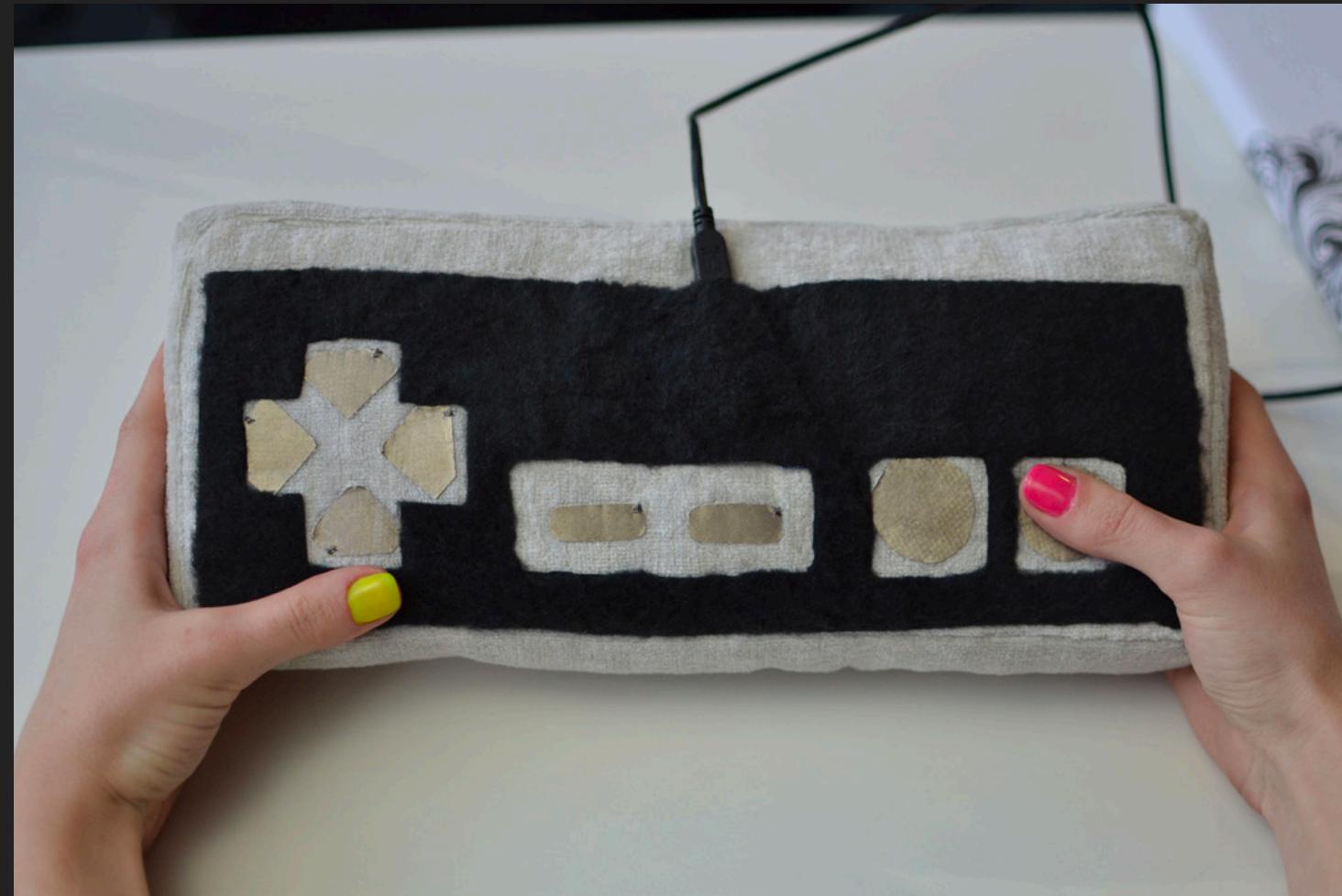


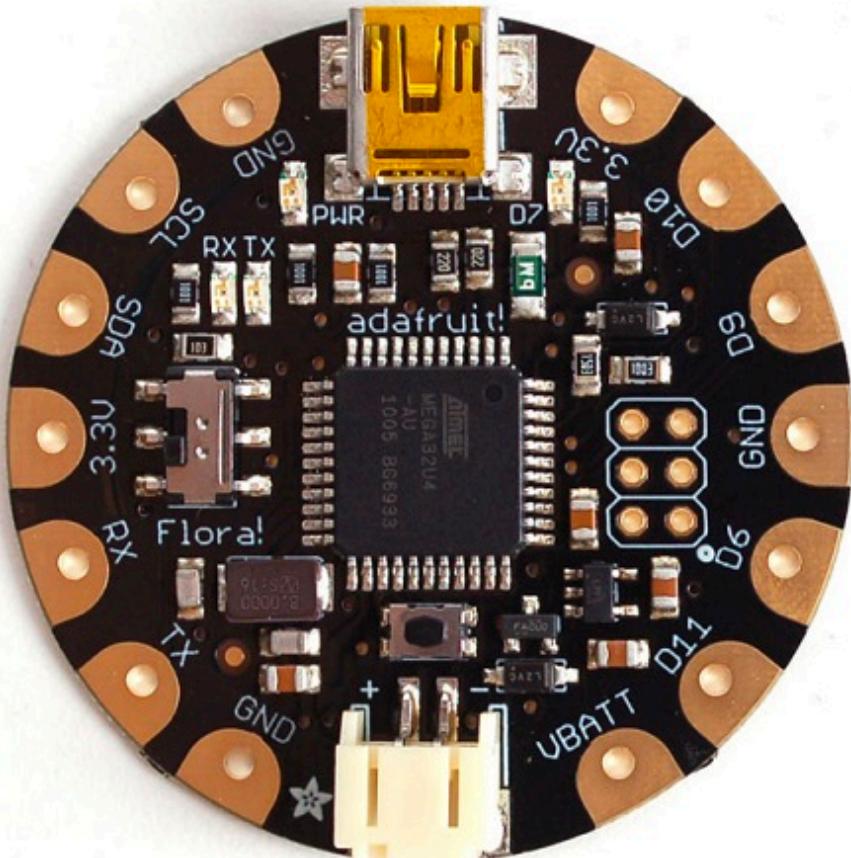
---

# TECHNOLOGY WEARABLES BUILD NIGHT

## TECHNOLOGY WEARABLES

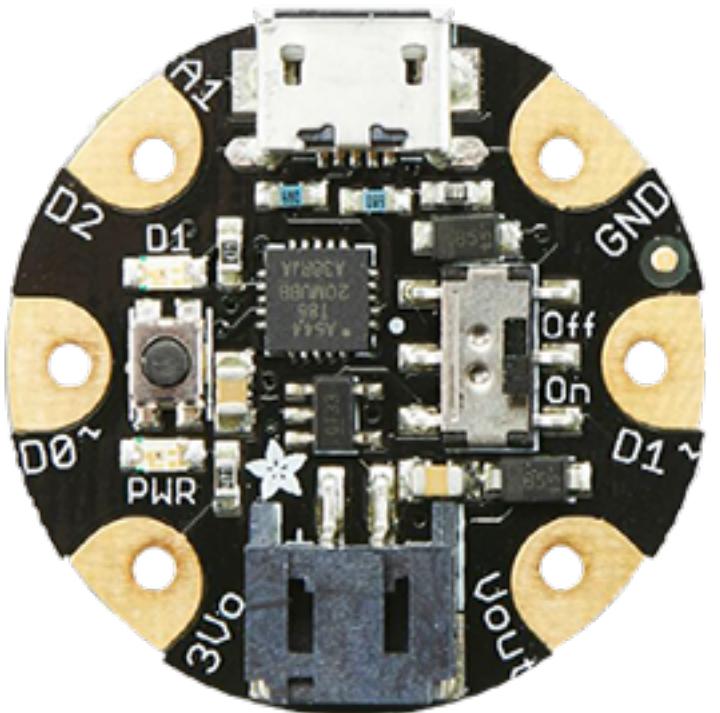


# EACH KIT HAS

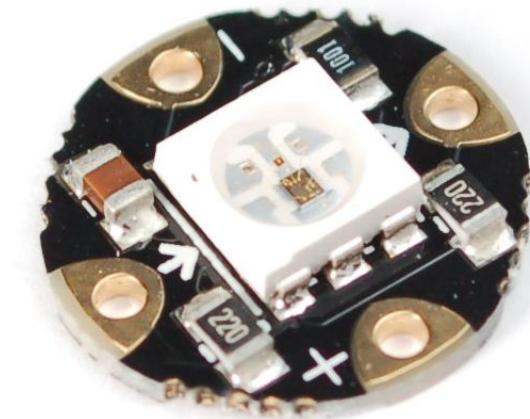


**FLORA**

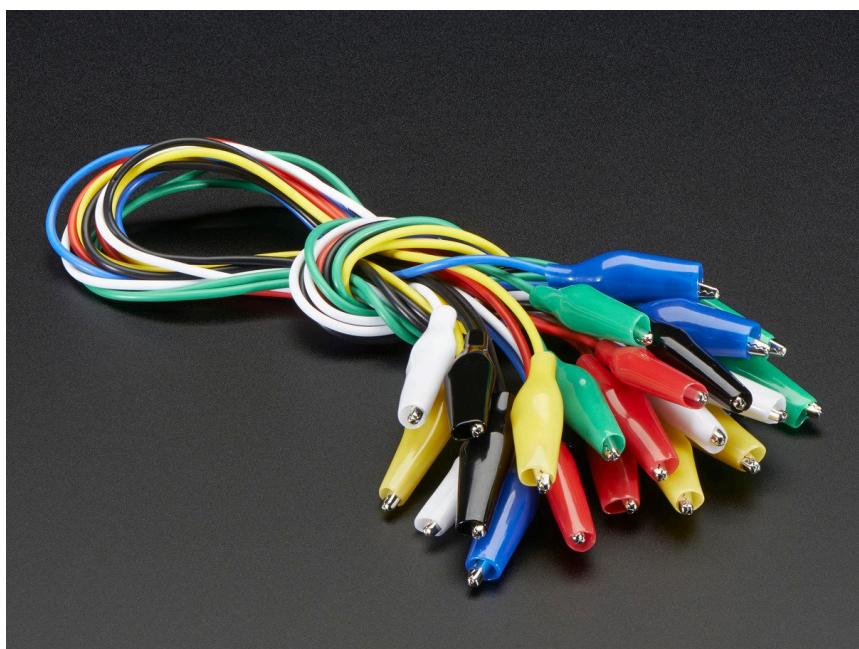
# OR



# GEMMA



# NEOPIXEL



# ALLIGATOR CABLES X3

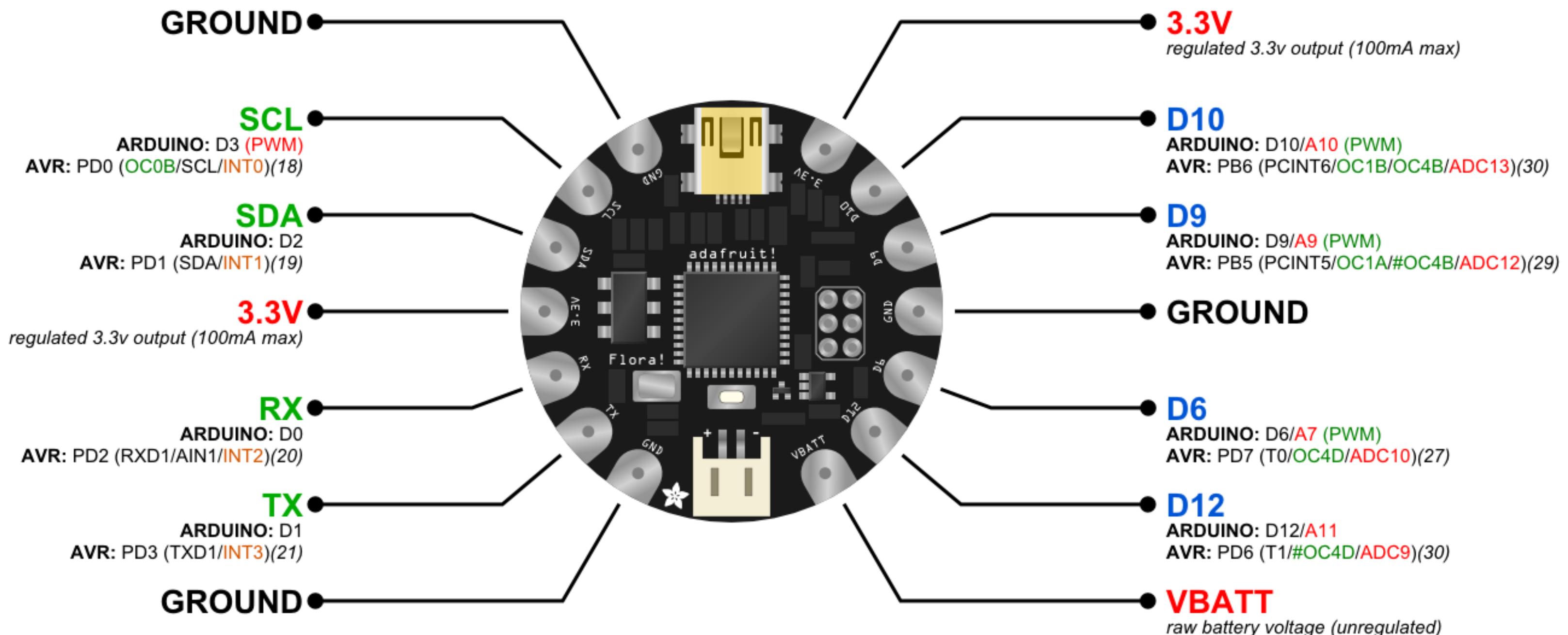


# JST CONNECTOR



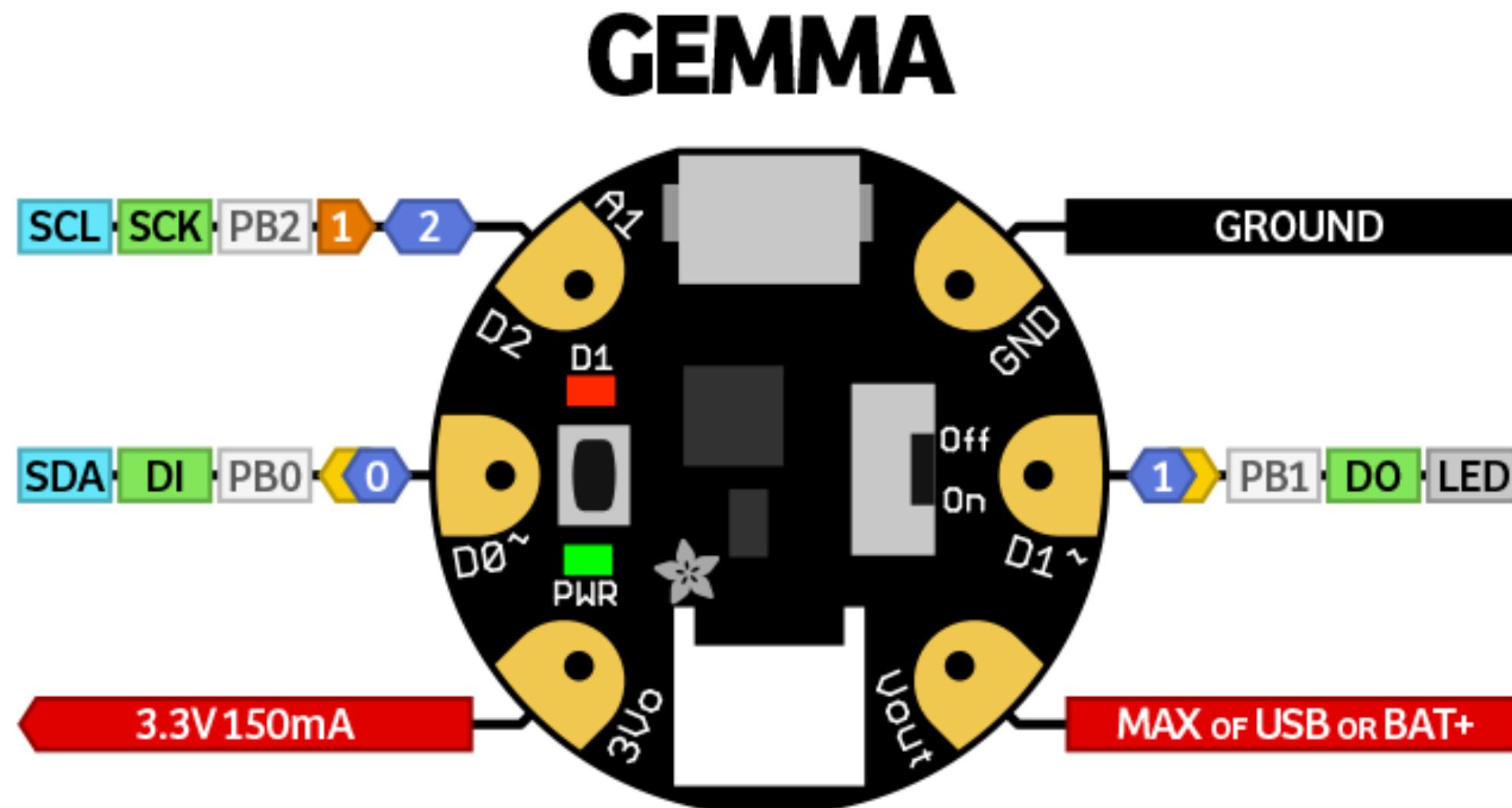
# BATTERY X2

# FLORA



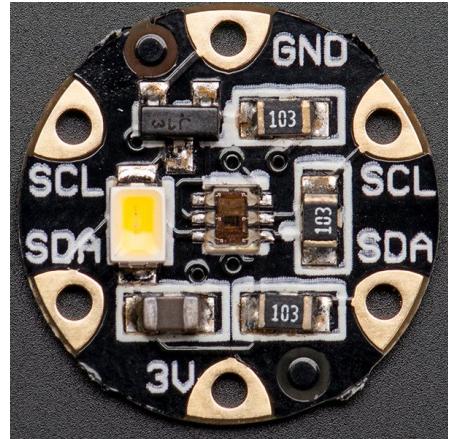
FLORA Wearable Electronics Platform

# GEMMA

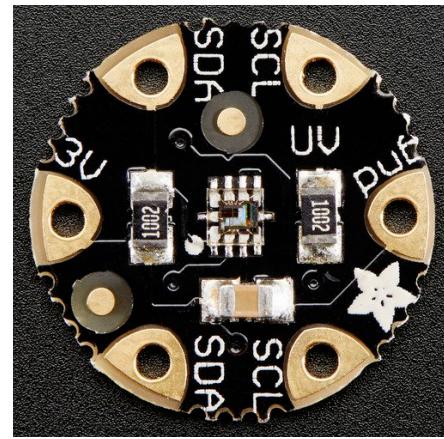


POWER	
GROUND	
DIGITAL READ/WRITE	
ANALOG: READ	
WRITE	
SERIAL	I2C
SPI	
PORT PIN	
MISC	

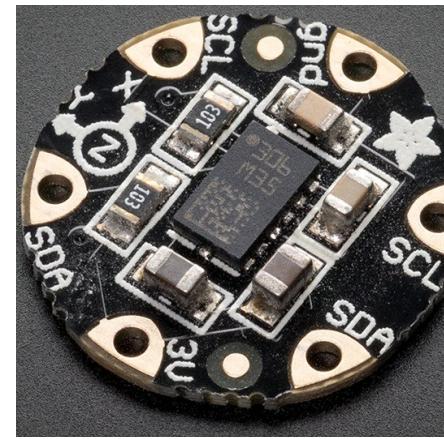
# LIGHT, SENSORS & ACTUATORS THAT ARE ON THE COMMON TABLE



COLOR  
SENSOR



UV LIGHT  
SENSOR



ACCELEROMETER  
& COMPASS



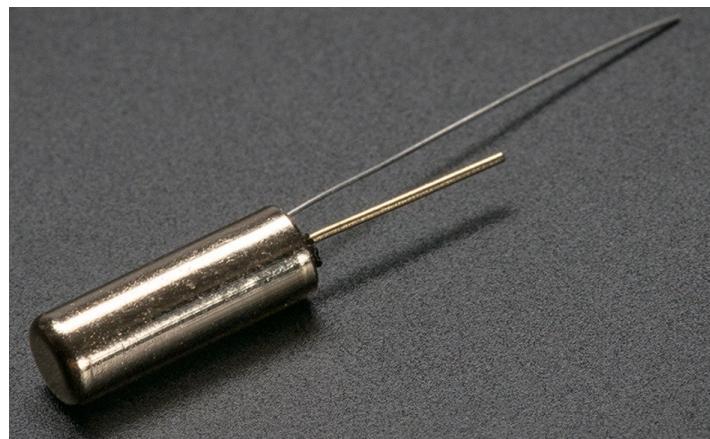
SPEAKER



SOFT POTENTIOMETER



BUTTON SWITCH



TIILT BALL SWITCH



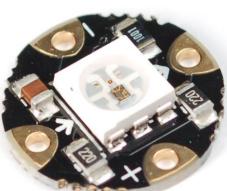
ON/OFF SWITCH



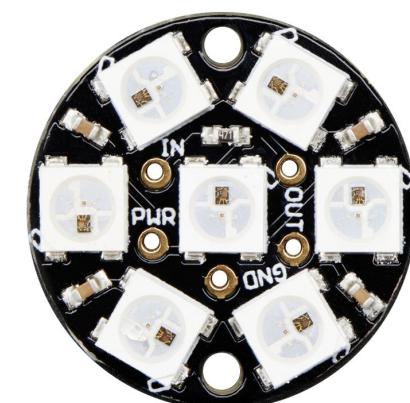
RED SEQUIN



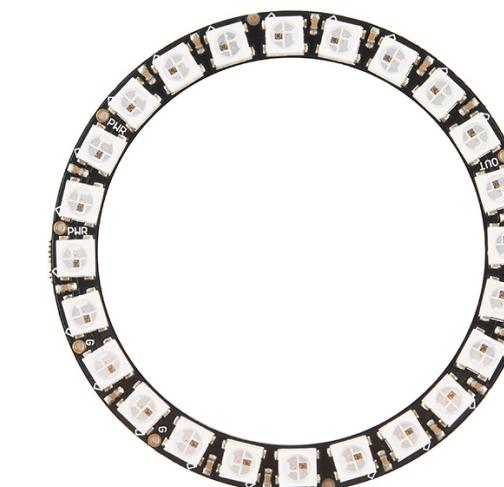
BLUE SEQUIN



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

DREAM UP YOUR  
OWN TECHNOLOGY  
WEARABLES  
PROJECT.

YOU CAN MAKE  
ANYTHING YOU CAN  
IMAGINE.

**HAVE  
FUN!!**