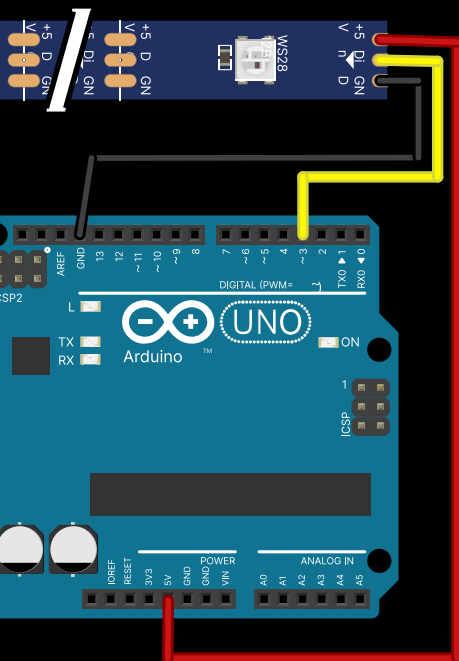


Material cheatsheet

Your kit includes 1x LED-strip, 1x Servomotor, 1 x IR distance sensor, 1x Force sensor, 1x Headphones + adapter. Our Github-repository contains code-examples for all of these technologies to start from.

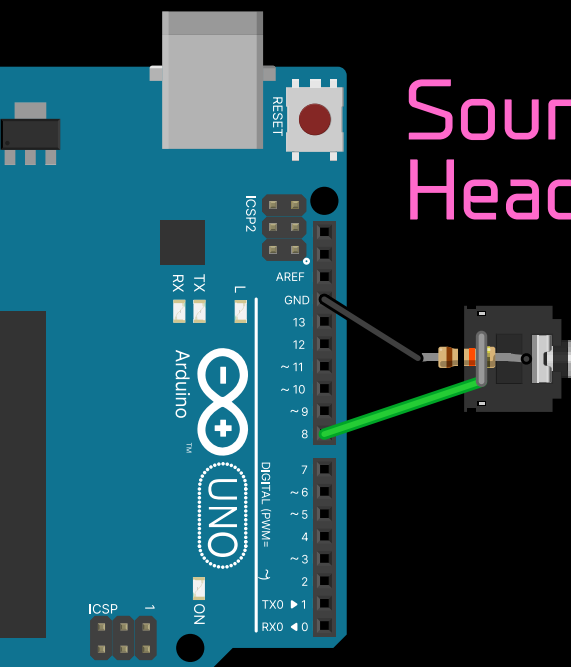
To get started, download the full code repository, open a code example and follow the drawings below to build a specific setup!



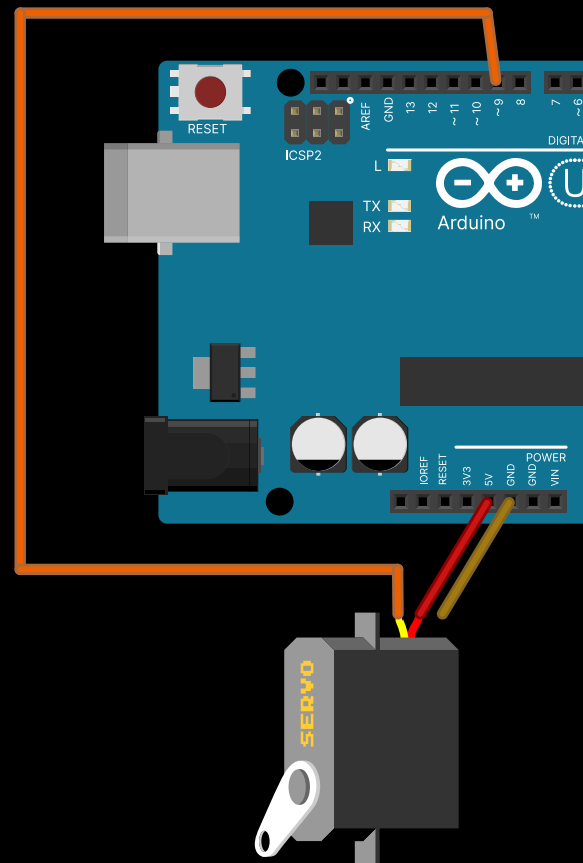
Lights:
LED-strip

Link to: [code](#)

Link to: [event page](#)

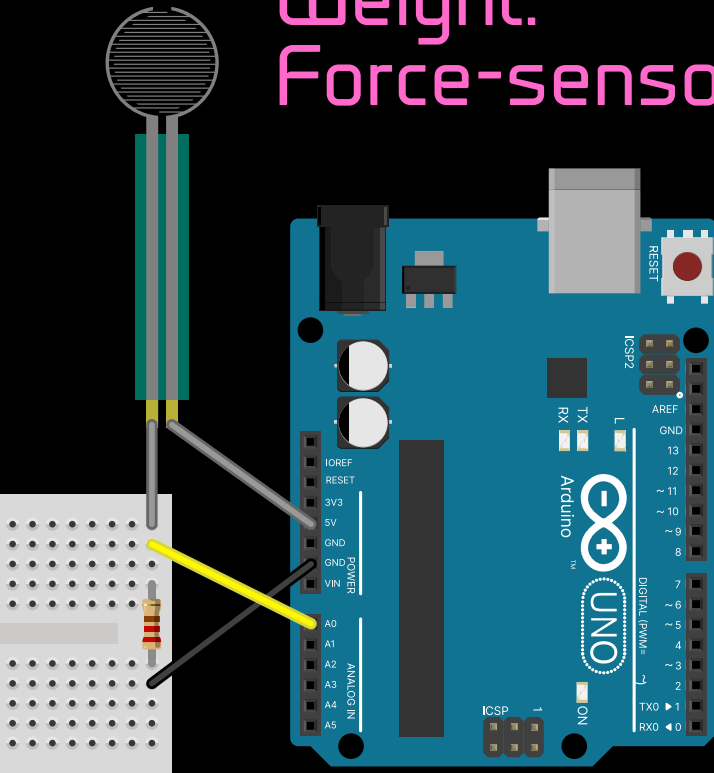


Sounds:
Headphones

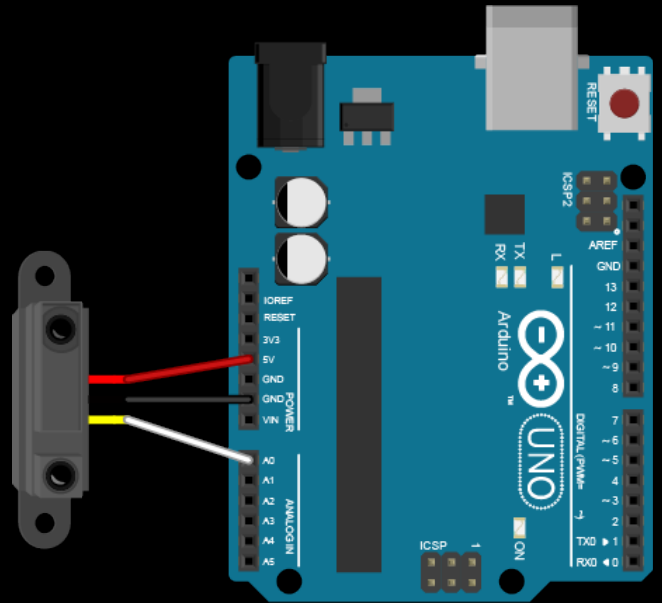


Movement:
Servo

Weight: Force-sensor



Proximity: IR-sensor



Useful functions:

I/O pin functions:

- `pinMode(..., ...)`
- `digitalWrite(..., ...)`
- `analogWrite(..., ...)`
- `analogRead(...)`
- `digitalRead(...)`

Debugging functions:

- `Serial.begin(...)`
- `Serial.println(...)`

Other helpful functions:

- `millis()`
- `map(..., ..., ..., ..., ...)`
- `random(..., ...)`