



March 6, 2017

ScratchX: The Next Frontier for Scratchers

MIT Media Lab
Lesley University STEAM

Who are we?



Kreg Hanning

Lifelong Kindergarten
MIT Media Lab



Jacy Edelman

Lesley STEAM
Lesley University



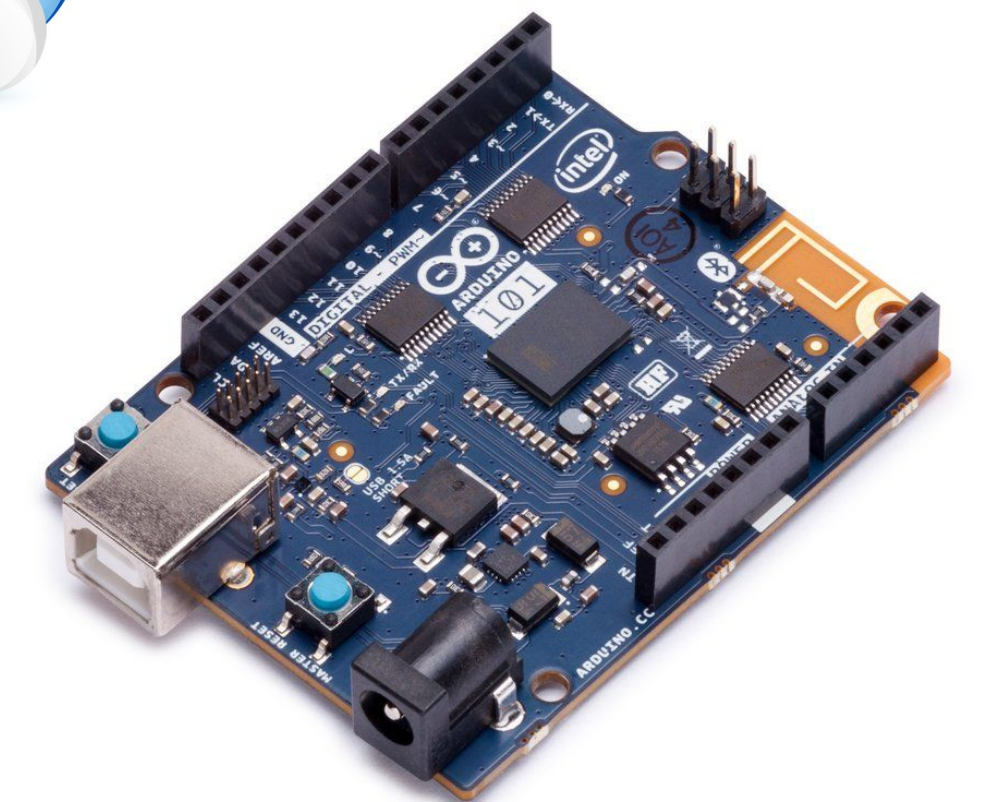
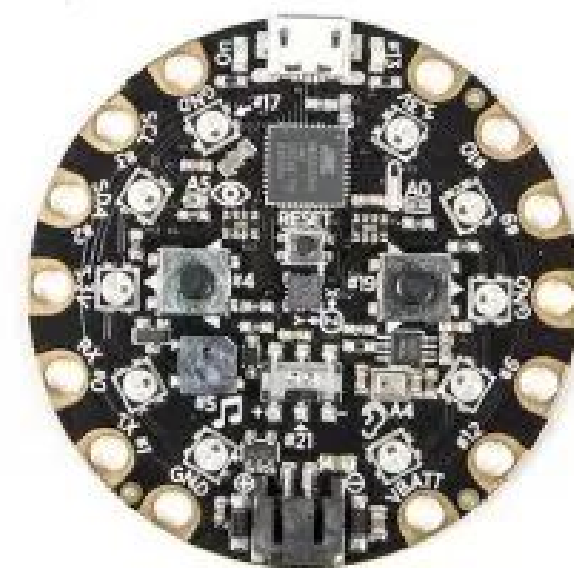
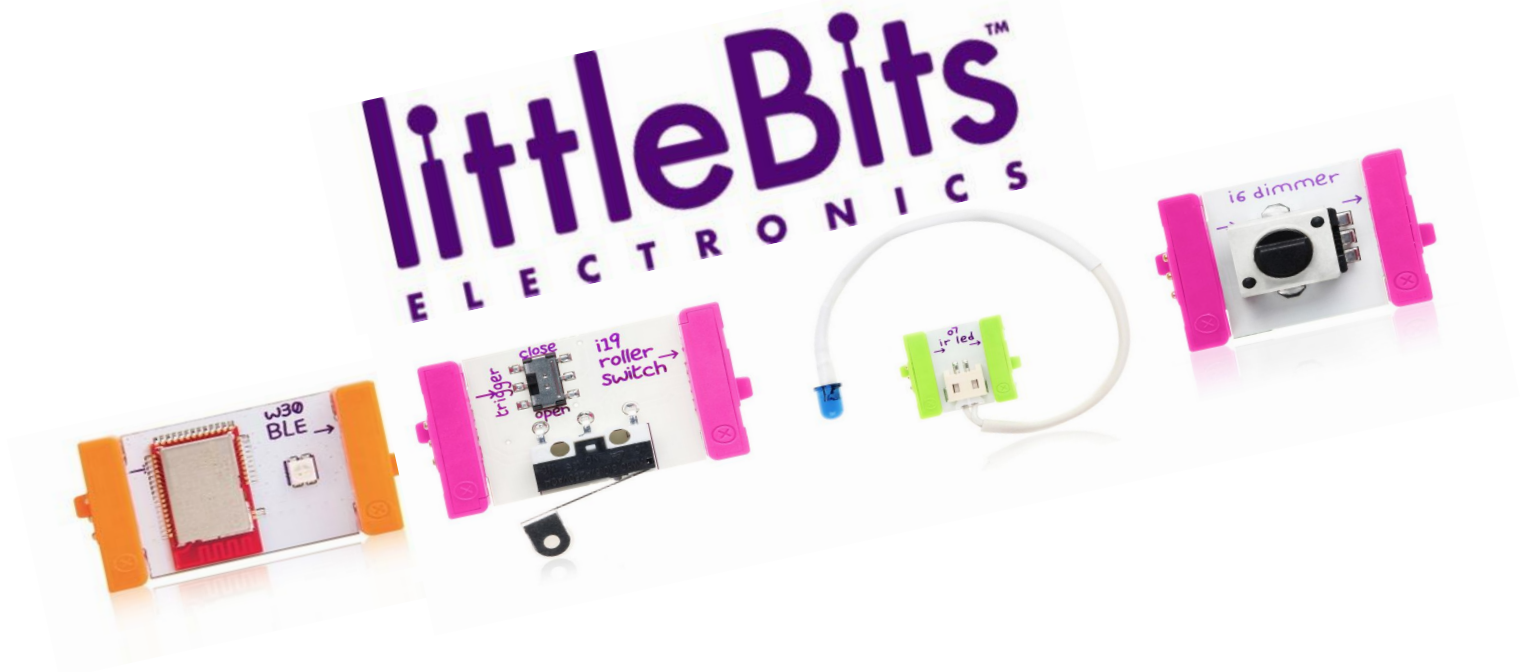
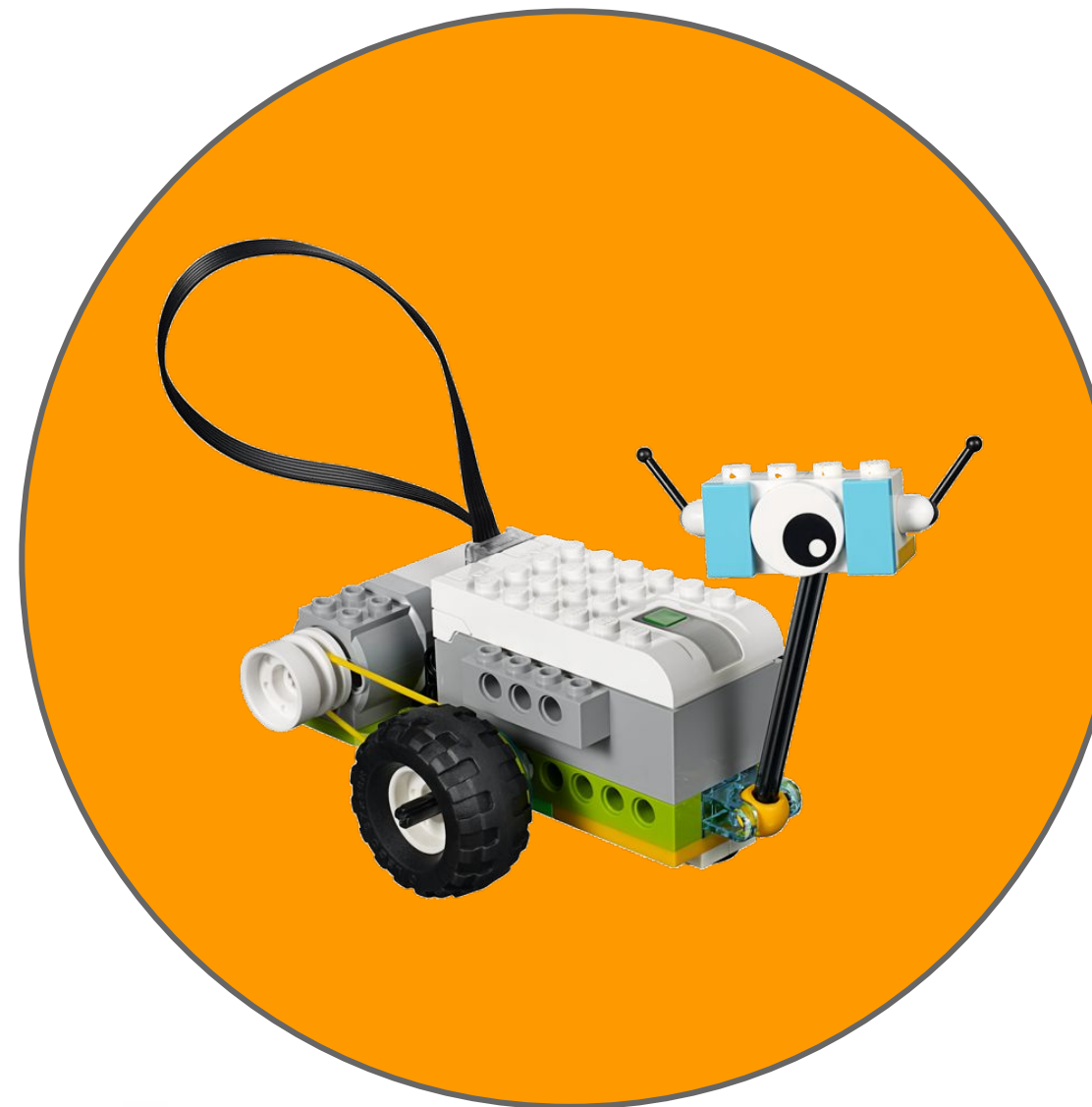
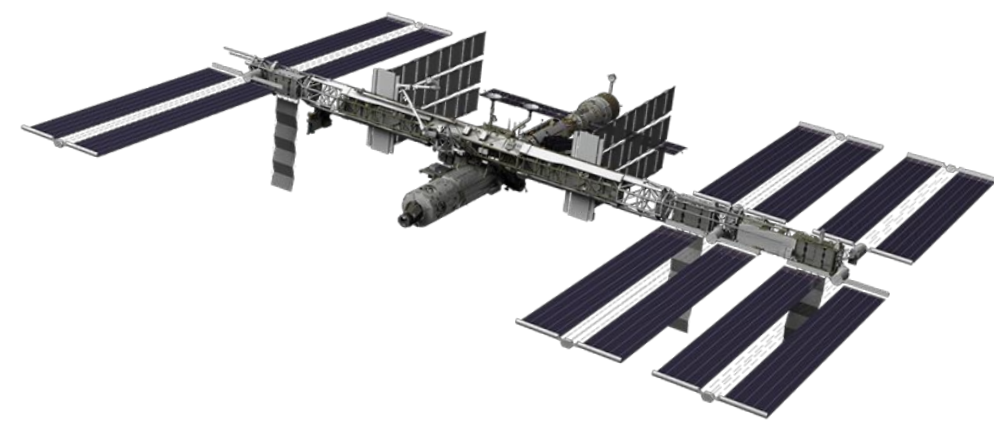
Sue Cusack

Lesley STEAM
Lesley University

Agenda

4:00 - 4:10	Introduction/Overview of ScratchX
4:10 - 4:25	Spotify
4:25 - 5:00	littleBits
5:00 - 5:45	Circuit Playground
5:45 - 6:00	Reflection and Giveaways!

What are Scratch extensions?





Beta

[FAQ](#)

scratchx.org

Gallery of Experimental Extensions

With Experimental Extensions, you can create Scratch projects that connect with external hardware and online resources. Try examples below to see the wide variety of things you can do with Experimental Extensions!

If you are a developer with an extension that you'd like to submit to our gallery, read more about the [submission process here](#).

Warning: all extensions are experimental and not a product of the Scratch Team. [Find out more](#)

Arduino
Kreg Hanning, David Mellis



Control Arduino boards
[Sample Project](#) [Documentation](#)

Requires Hardware

Arduino 101
Kreg Hanning



Control Arduino/Genuino 101 boards
[Sample Project](#) [Documentation](#)

Requires Hardware

EV3+Scratch
Ken Aspeslagh



Control LEGO EV3 robots wirelessly
[Sample Project](#) [Documentation](#)

Requires Hardware

Firestore Mesh
Connor Hudson

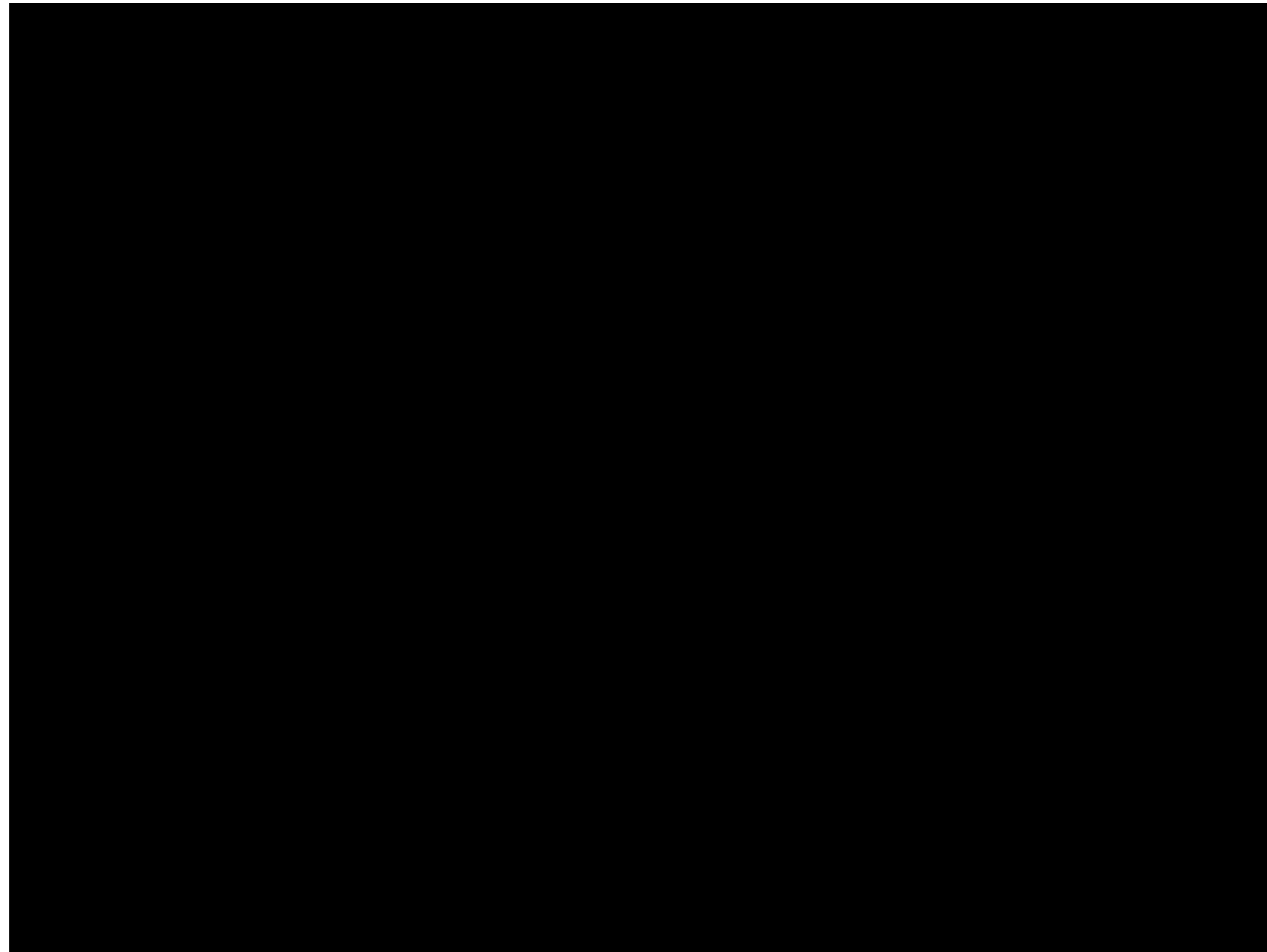


Intel® RealSense™
Shachar Oz, Yaron Yanai, Yotam Salmon



iRobot® Create® 2
iRobot

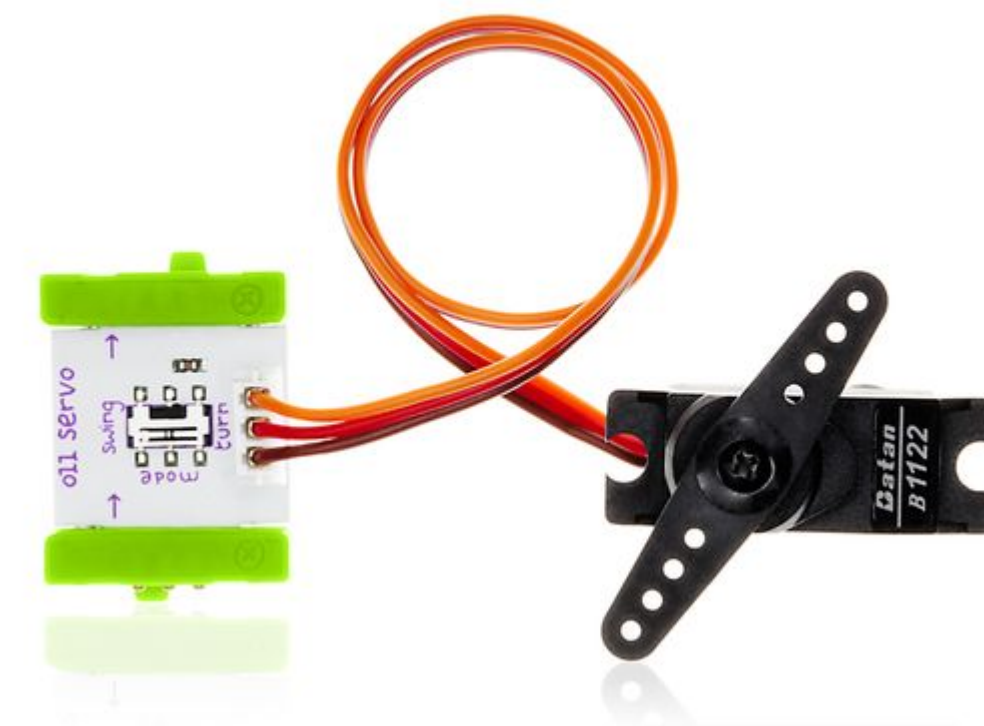
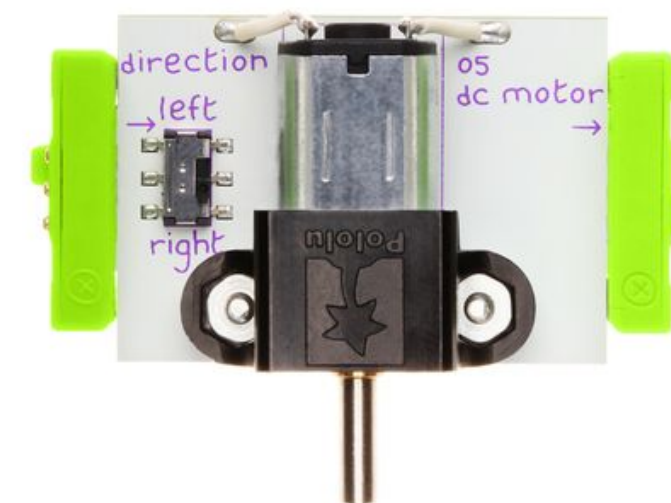




Single Input

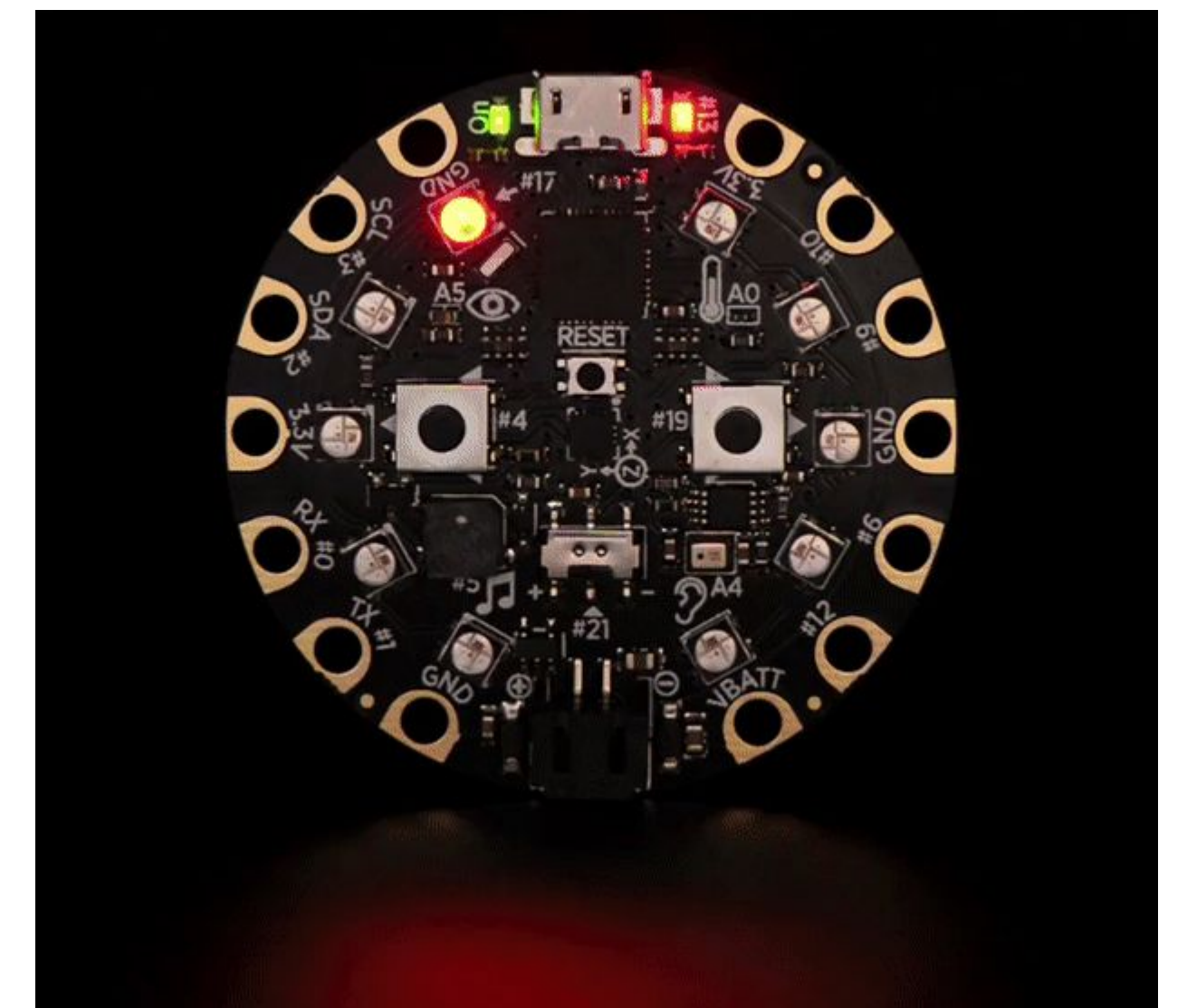
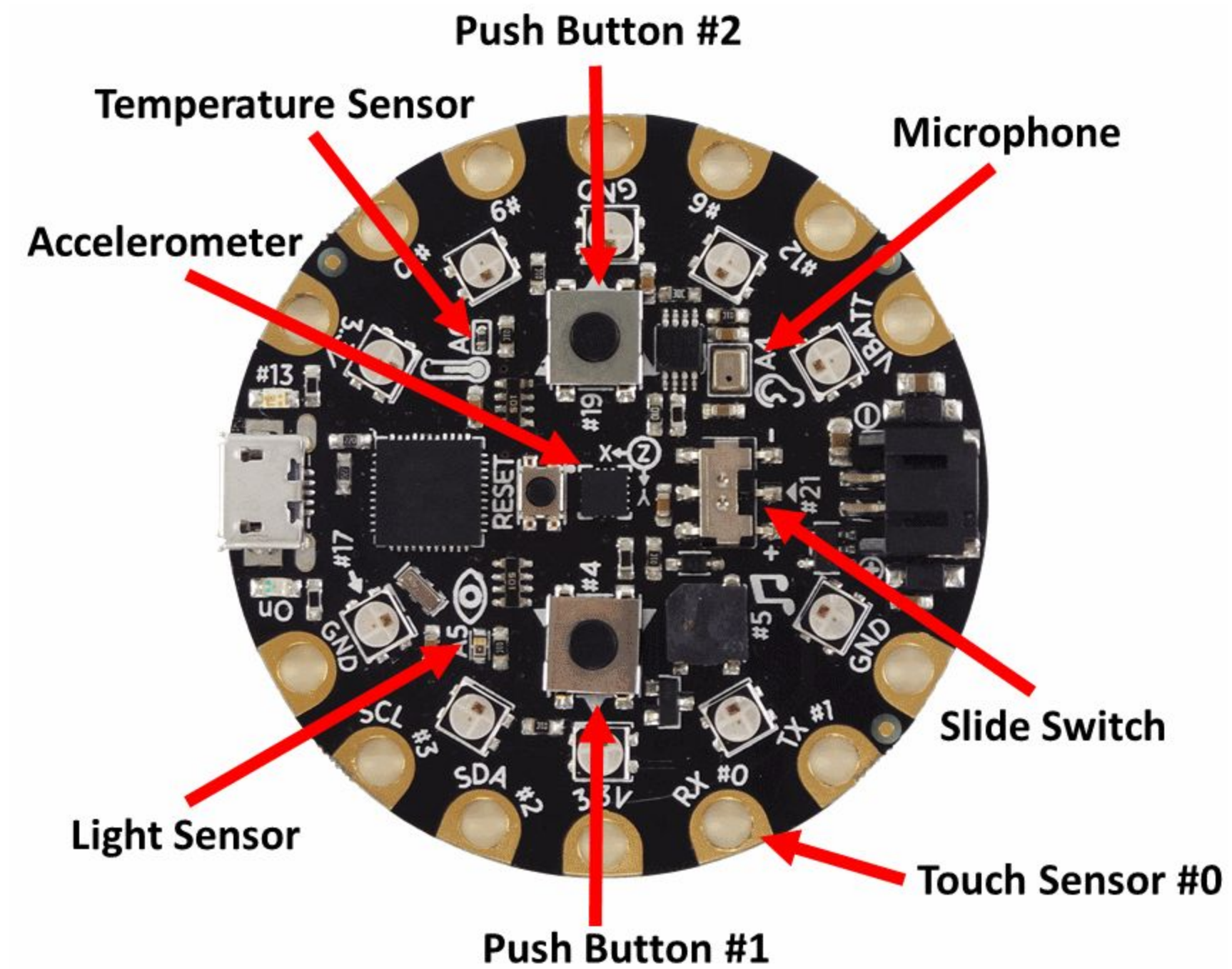


Single Output





Circuit Playground



Let's Play!

bit.ly/sxsw17scratchx

