CharmBits

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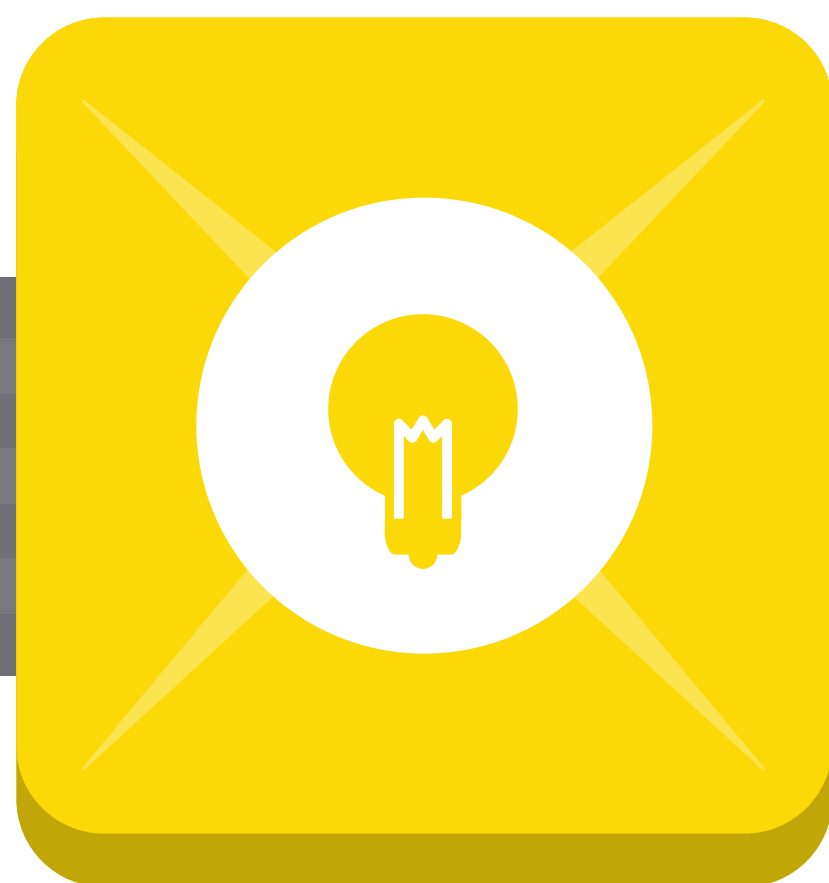
TEAM ALLOY

Project**Overview**

CharmBits are modular circuit wearables to teach children the basics of electronics. We want to encourage children to learn more about basic circuitry in a fun and engaging way!

Target**User**

Our target user group are children in the primary school between 2nd and 6th grade.
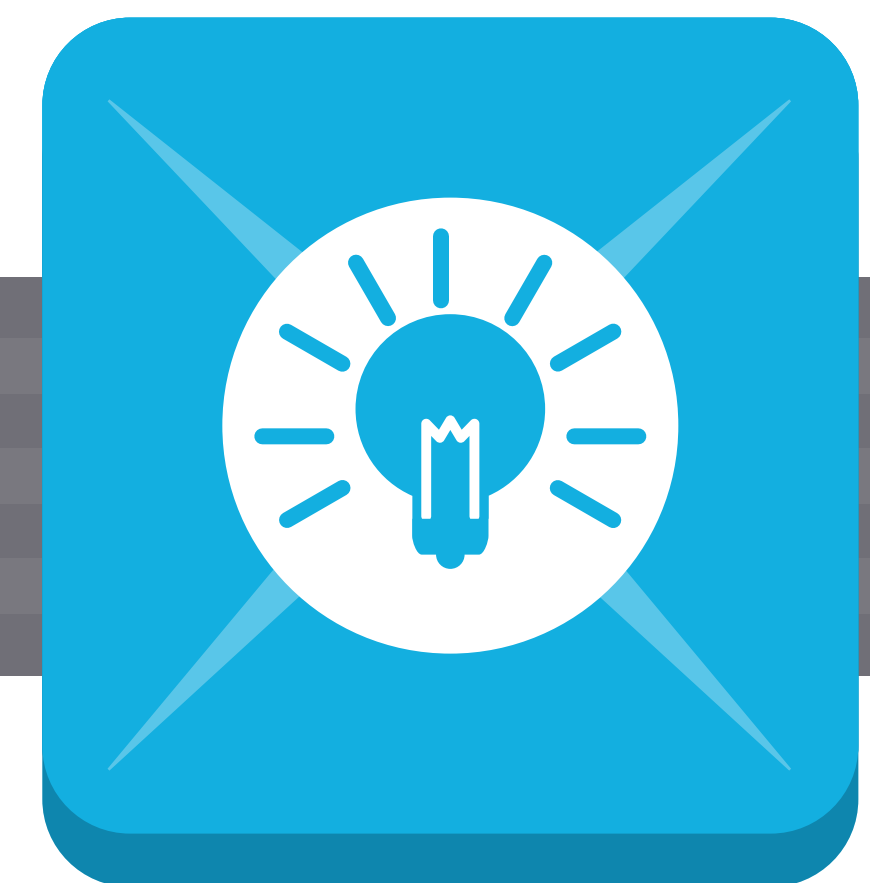
The**Bits**

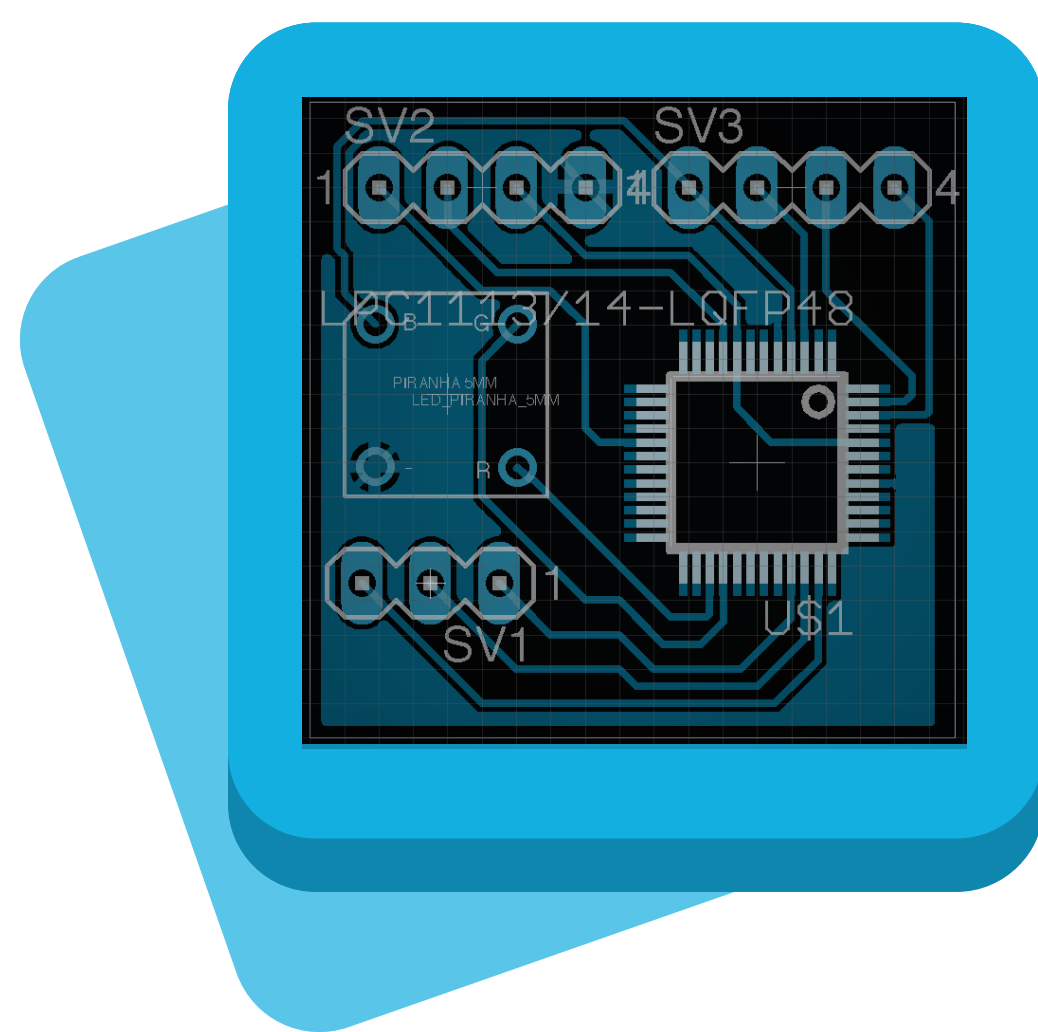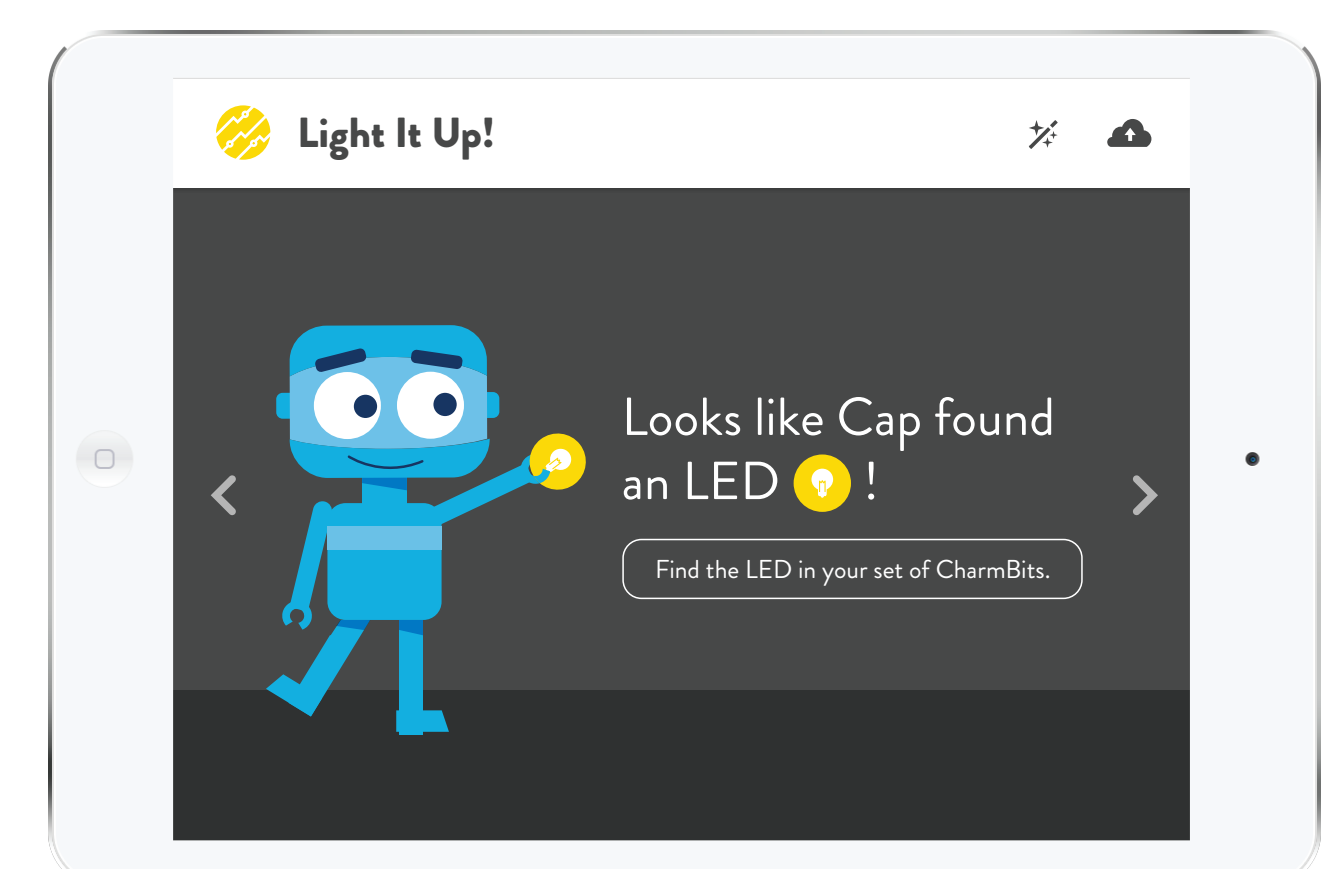**Light**Bit   **Power**Bit   **Motion**Bit   **Rainbow**Bit   **Blink**Bit
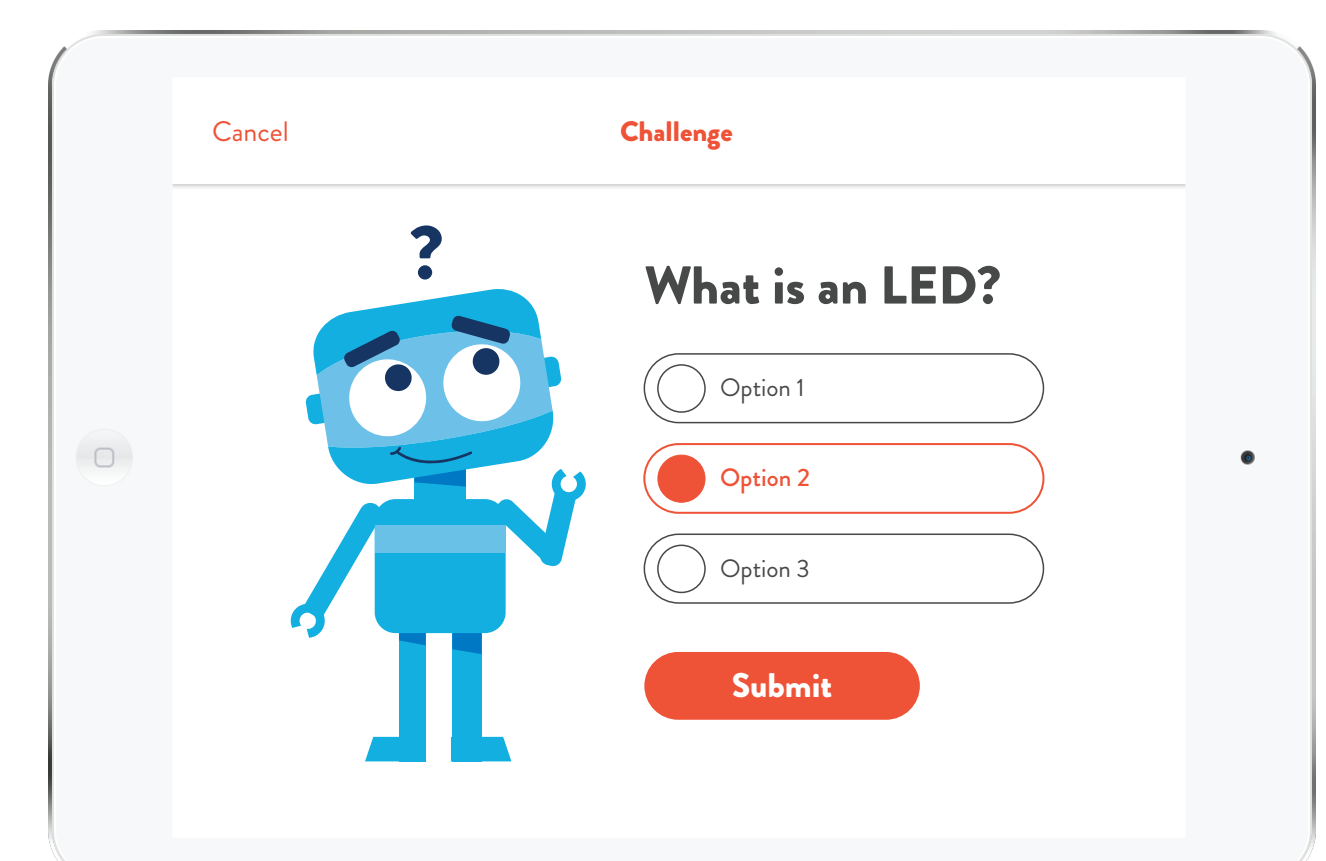
Bit**Anatomy**

Every Charmbit is powered by the same internal PCB design and micro controller. Each contains one LED, the microchip, and possibly a sensor if the charm bit requires it
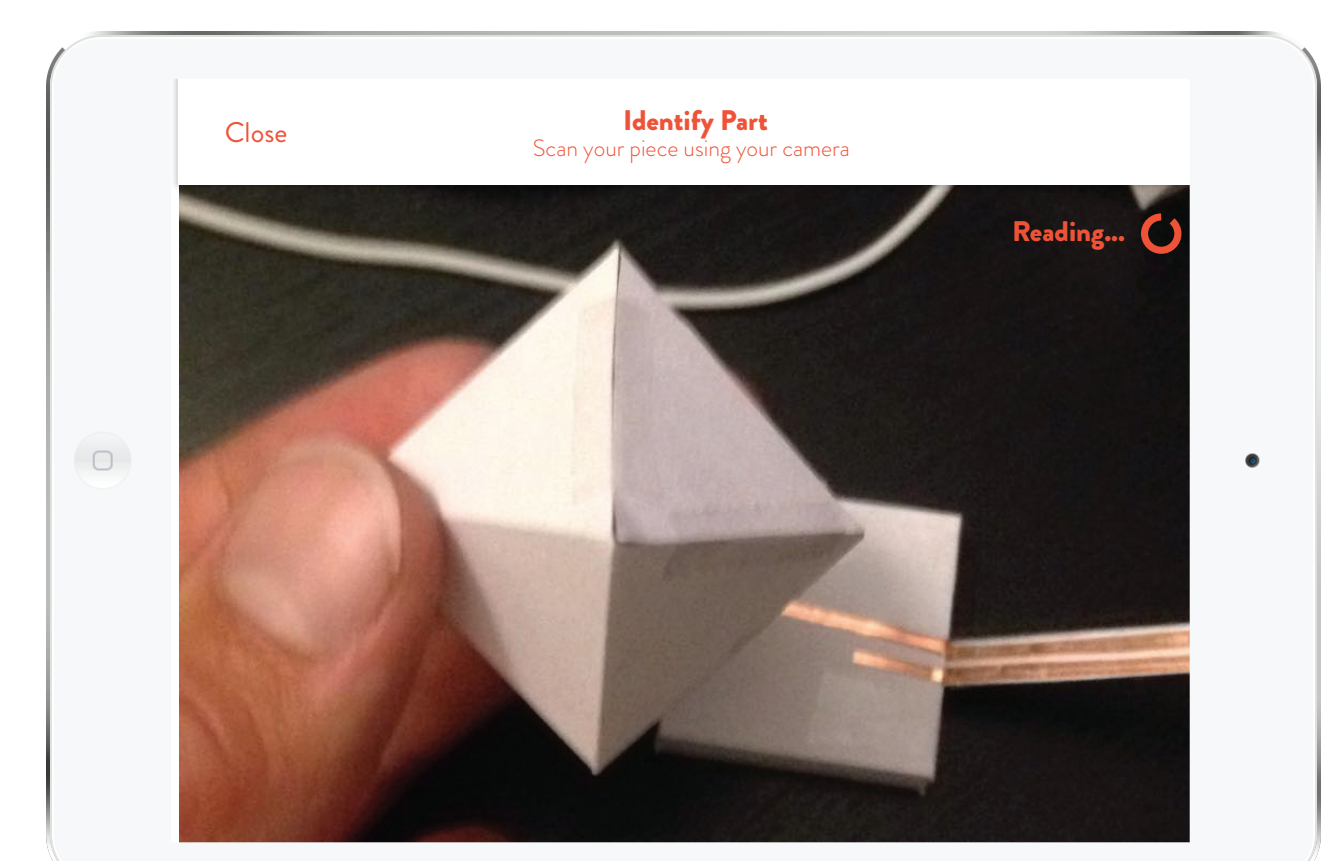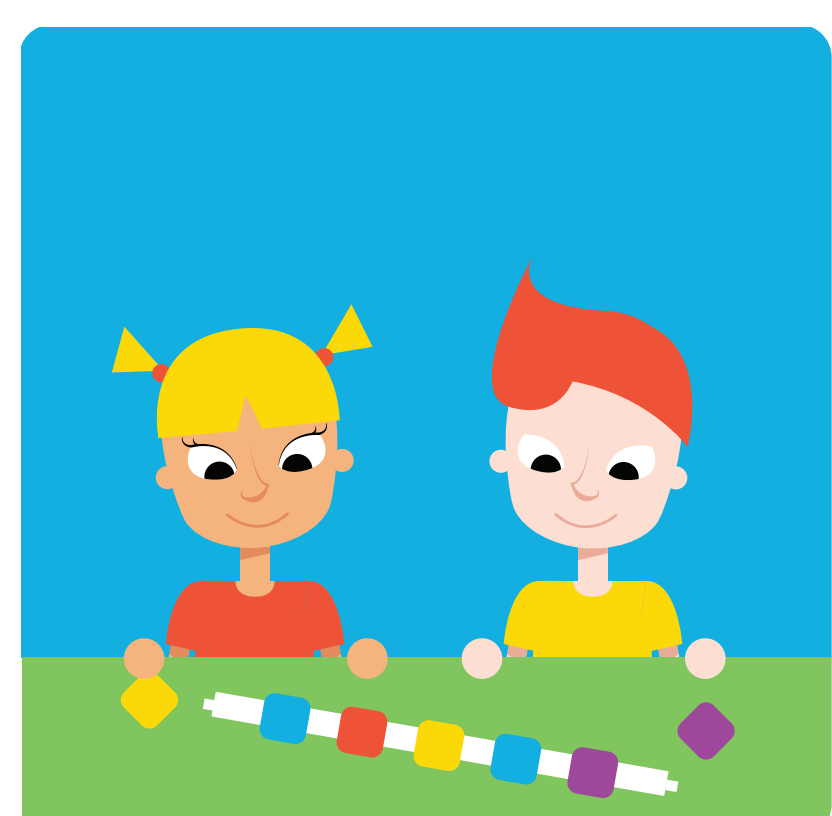
Companion**App**

Interactive Stories

Light It Up!

Looks like Cap found an LED !
Find the LED in your set of CharmBits.

Assessment

Cancel   Challenge

What is an LED?
- Option 1
- Option 2
- Option 3

Submit

Part Identification

Close   Identify Part
Scan your piece using your camera

Reading...

Use**Cases**

Parent-Child
Educational

Child-Child
Collaboration

Child
Exploration