STEM Adventure Line

What is CircuitMess?

CircuitMess started in 2016 when Albert (our CEO) was 17 years old.

Albert loved tinkering with electronics and one of his first projects was a DIY game console.

People really liked the idea so he decided to launch it on **Kickstarter** where it raised $100,745!

After that, CircuitMess was born. We are a small and fast–growing team of tech lovers who wish to share our love of creating new technology with the rest of the world!

Albert

CircuitMess goes beyond programming and electronics by empowering kids to a hands–on STEM experience.

You don't need to be a programming or electronics expert to have fun with CircuitMess kits.
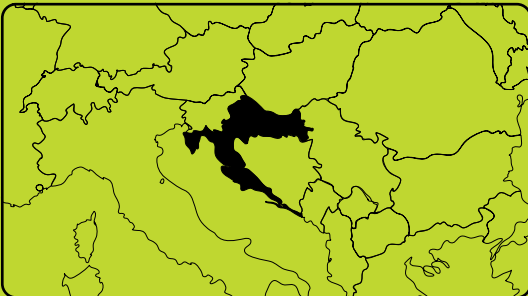
Our kits are suitable for almost all ages regardless of their skill level so learning about complex tech concepts has never been easier!

Behind the name

CircuitMess

a reference to electronic circuits

what best describes our workplace

All of our kits are designed, manufactured, and packed in Croatia!

Why is teaching about STEM important?

There will be **3.5 million** more STEM job openings by 2025

85% of parents have specifically looked for STEM toys when purchasing new toys for their child

Over **65%** of children entering primary school today will work in future jobs that require STEM skills

The mission

Everybody knows how important technology is, but less than 1% of the population knows **how to make** new technology.

We're here to change that!
With our kits, we want to inspire people to be **creators** instead of just consumers.

ACTUAL STEM, SERIOUS FUN!

STEM adventure line

Fun & educational DIY toys

Easy-to-follow & safe assembly process with no soldering required

High value for low cost: Unique STEM toys with MSRPs below 50 USD/EUR
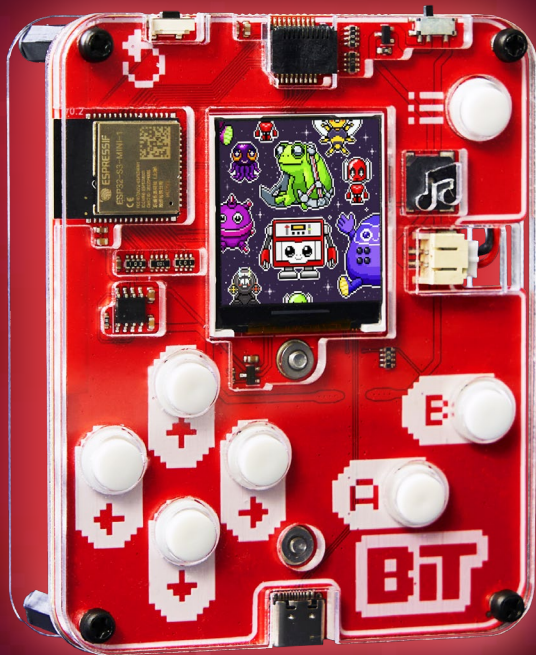
Bit

| Ages 7+ | 1 hour build time |

CircuitMess BIT is a **DIY game console** that introduces users to the basics of coding and robotics.

This set includes a complimentary beginner–friendly coding application that allows users to code their own video games.

3 pre–installed games included

EAN 3859894145116

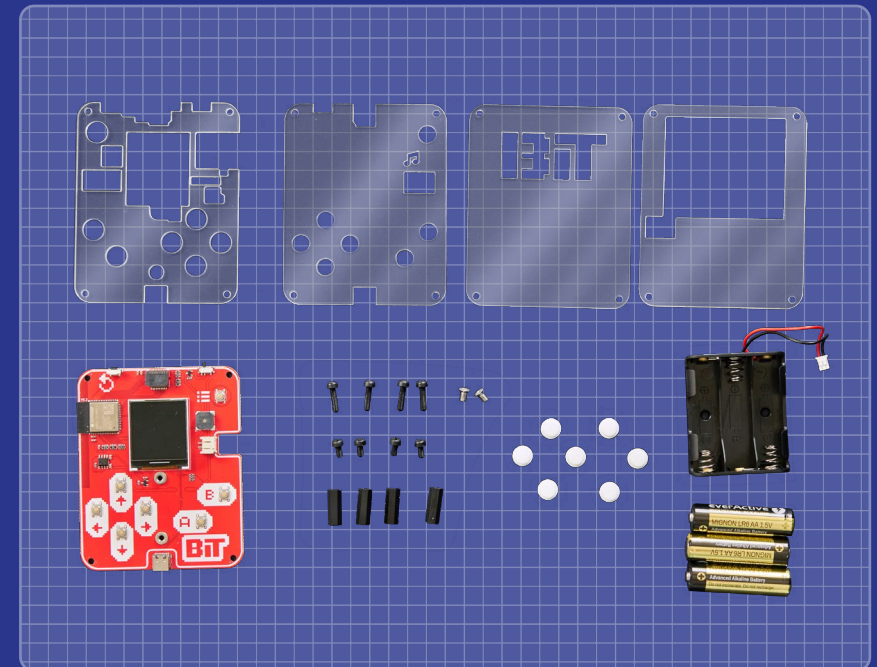## Learning objectives

Hardware assembly

Creating video games

Pixel art

Coding in MicroPython

BIT comes with **detailed instructions** and **all the necessary tools and components.**

Sparkly

Sparkly is a **DIY robot car** that comes equipped with photoresistors, which allow him to move by following the light.

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Learning objectives

Hardware assembly
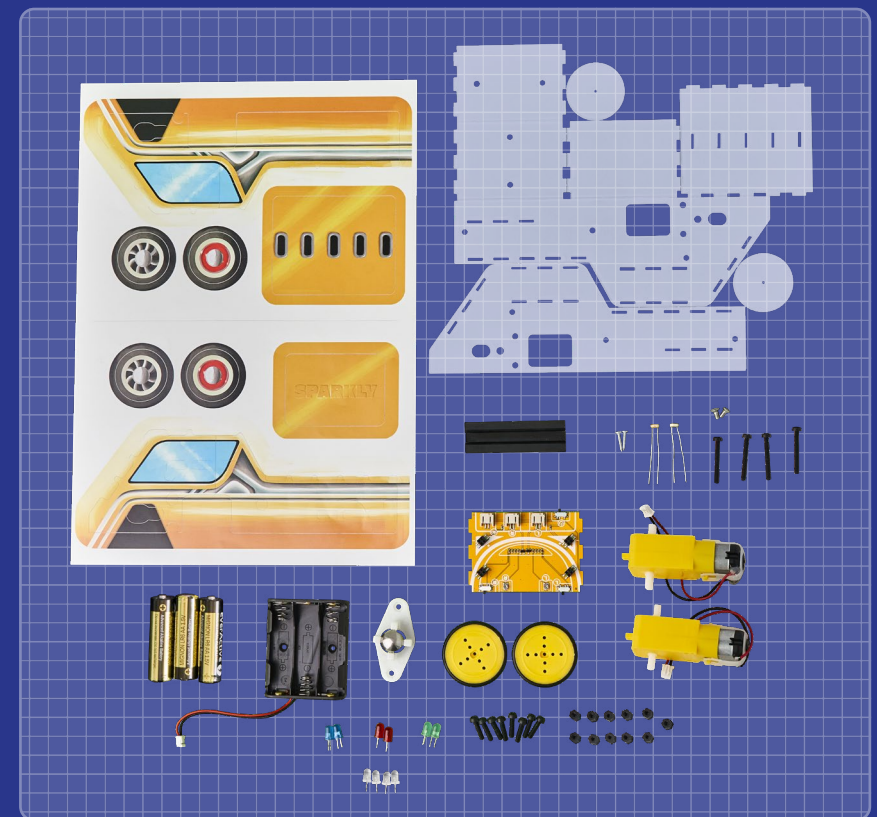
Photosensors

Light tracking

This set comes with **detailed instructions** and **all the necessary tools and components.**

Wacky Robots

Ages 7+

45 min build time

Wacky Robots are a collection of **9 DIY educational mini–robots** that teach about various technological topics.

Each robot comes with **a collectible card** and **all the necessary materials and tools** for assembly.
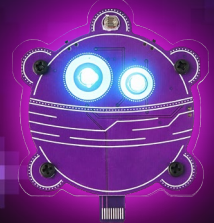
ARTEMIS
LED technology
Electronic circuits

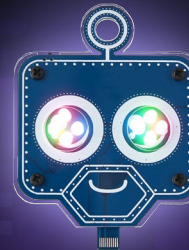**EAN** 3859894145130

HERTZ
Sound waves
Sound synthesis

EAN 3859894145123

BOB
Resistance and Ohm's law
Light

EAN 3859894145055

MARV
Microchips
Electronic circuits

EAN 3859894145079

BUTTONS
Microchips
Sound synthesis

EAN 3859894145147
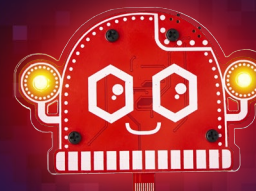
MR. BEE
Electromagnetic fields
Electromotors

EAN 3859894145062

CAPACITRON
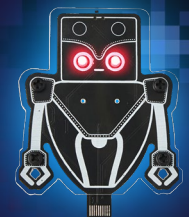Transistors and semiconductors
Oscillators

EAN 3859894145093

ROBBY
Vibration sensors
LED technology

EAN 3859894145154

RESISTRON
Variable resistors
Integrated circuits

EAN 3859894145086

Start your STEM adventure now!

Discover the world of robotics & coding with CircuitMess toys

Connect Wacky Robots with CircuitMess BIT

Wacky Robots can connect with CircuitMess BIT to unlock new video games.

Connect Wacky Robots with CircuitMess Sparkly

Wacky Robots can also connect to Sparkly, a DIY robot car that moves by following the light.

Unlock all secret video games

Designed & manufactured in Europe

From idea to the final product
— we have it all in-house

- Idea development
- Community feedback and testing
- Product design
- Hardware development
- Software development
- Raw material sourcing
- Manufacturing
- Quality control
- Logistics and fulfillment
- Aftersale & customer success
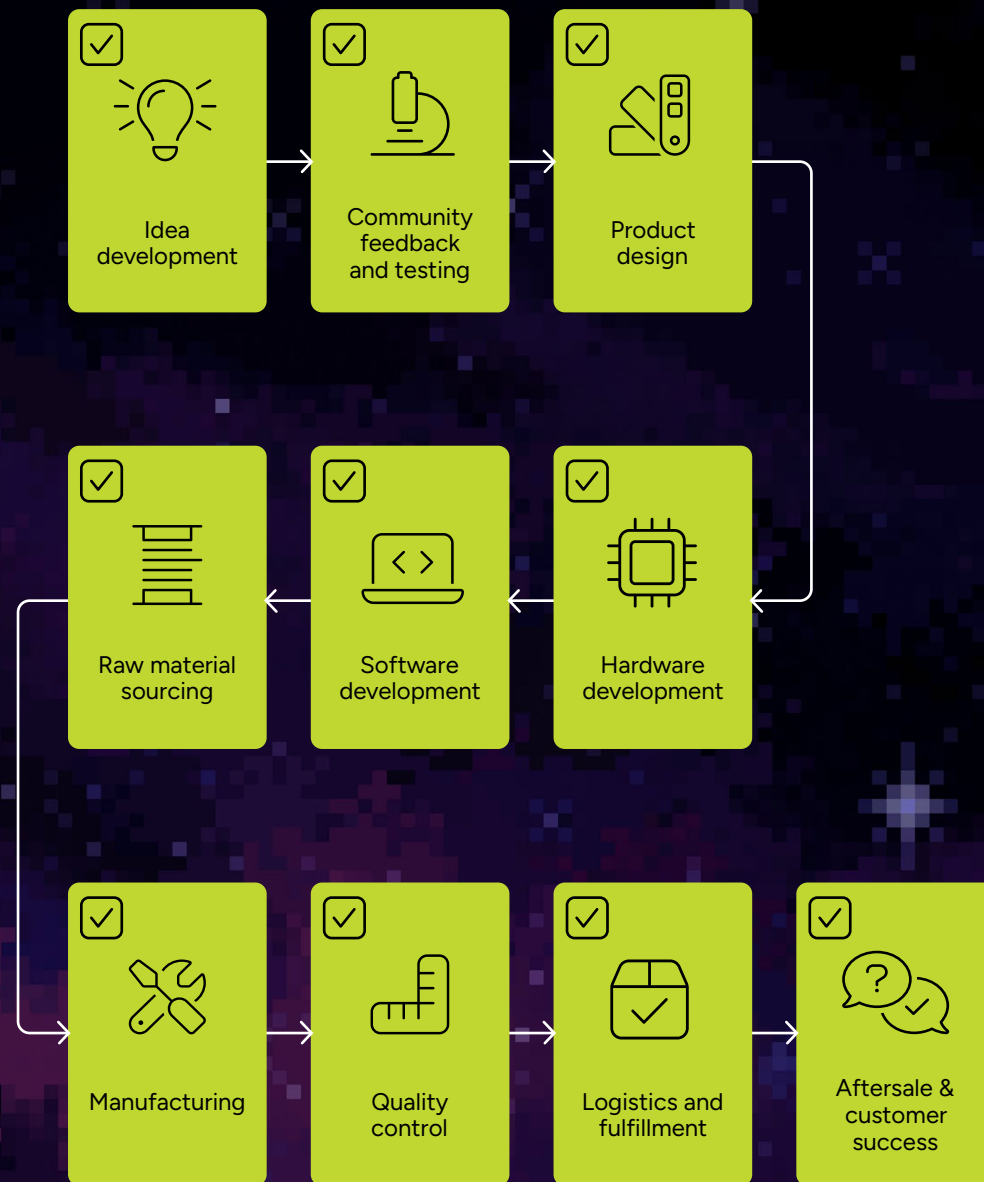
We control the supply chain

Legend:
- Made in CircuitMess (green)
- Outsourced (blue)

Supply chain flow:

Raw material sourcing → Import & customs clearance → Semiconductor manufacturing → Circuit board manufacturing → Plastic sheet manufacturing → Raw material quality inspection → Laser cutting plastic parts → Circuit board assembly → Electronic component soldering → Final product assembly → Final quality control
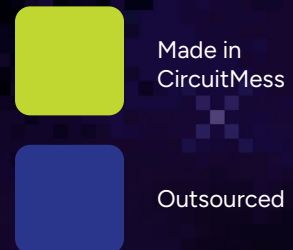
What sets us apart?

- A wide variety of STEM kits that cover **different aspects** of electronics

- Devices that teach **advanced text–based coding** in C/C++

- **Beginner–friendly** — no prior knowledge is needed

- Kits that teach actual science and provide **real–world application**

★★★★★

I use these kits for my daughter, she is so fond of them she wished her school used them... It is a great way to get her acquainted with technology, stimulate her creativity, and share some of my passion for electronics.

— Peter Mansvelder

★★★★★

Great product. Bought for an adult, who, although found it fairly easy, welcomed the soldering experience.

— Merryn Henlan

★★★★★

I was searching for a start–up like CircuitMess that would come in and offer exciting products for electronics tinkerers above and beyond what anyone else was offering. These kits are AMAZING and the after sales support and helpful guides take them to another level. Electronics and Programming — what a combo!

— Raul Rivera

★★★★★

Experience was way above my expectations! My son loved the game, and does not mind the pixel screen. Having easy acces to simple games, to long battery and no ads is way better than a phone.

— Dimitar Raev

★★★★★

We were really impressed and grateful for their customer service. My son enjoys playing games on it and has the sense of satisfaction that comes from assembling a working device. Thanks so much MakerBuino for everything."

— Ryan Nelson, USA

★★★★★

We have been buying from CircuitMess for over a year now. We have had great service. Even though this is a business, they treat their customers like friends. I highly recommend Albert and his crew!

— Benita McAdoo

circuitmess.com/partners

**Apply to become one
of our partners**

CircuitMess

business@circuitmess.com