

Love to Code Creative Coding Kit – Chibi Starting Kit

PRODUCT ID: 3854

Interested in coding, but overwhelmed where to start? Looking to add cute, blinky LEDs to a paper craft project? The Love to Code (LTC) system from Chibitronics is designed for beginners of all ages and backgrounds to try out programming without the frustration of installing software.

This Creative Coding Kit contains everything you need to fall in love with coding. It's a complete pack with everything you need so it makes a great gift for a young person who wants to learn about electronics and programming in a gentle and creative manner

Inside you'll find a story about Fern the Frog, and together you will learn about circuits, coding, and debugging. By the end of your journey, you'll know how to blink and fade lights, craft and interact with switches, and become familiar with topics like multithreading. Most importantly, you'll also learn how to blend technology and art, unlocking a new, unique way to express yourself!

This kit contains:

- Chibi Chip
- Programming cable
- Circuit Sticker Stencil
- Chibi Clip
- 64x Fabric Tape Swatches
- 2x Rolls Of Copper Tape
- 36x Chibi Light White LED Stickers
- Chibi Book: ring binder with an integrated power pack

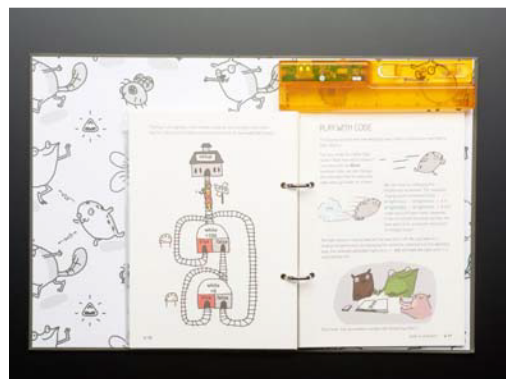
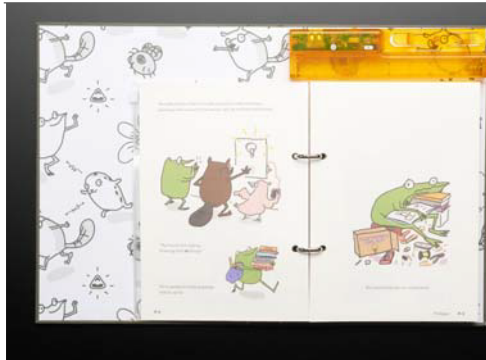
Pick how you want to code! Either by dragging-and-dropping blocks together using Microsoft's MakeCode Editor, or by writing Arduino-style computer code using Chibitronics' LTC Editor. The Chibi Chip features six independently programmable ports that can drive LED stickers. It can also drive chains of special LTC Rainbow stickers (known as WS2812B LEDs or NeoPixels) which unlock the full spectrum of rainbow color for your projects.

You'll need a regular USB port for power and a web-enabled device with a headphone jack. The Chibi Chip works with the latest Chrome, Firefox, and Internet Explorer browsers on both mobile and desktop devices. This is one of the few microcontroller platforms where you can use it on any mobile/tablet/phone.

If you have any doubt your browser is compatible with the Love to Code system, just visit <https://ltc.chibitronics.com/test> and follow the instructions. When you tap "Test Audio", the test site will generate a short tune using the same technology used to program the Chibi Chip. If you can hear the tune, you're good to go!

Note: 3x AA batteries are required but not included. (Works with most NiMH rechargeable and alkaline batteries)

Chibitronics is a collaboration between bunnye Huang and Jie Qi. Jie is a PhD student at the MIT Media Lab, and her research is all about combining arts and crafts with electronics and programming. bunnye is the Director of Studio Kosagi and is a hacker who designs and manufactures hardware.



<https://www.adafruit.com/product/3854> 8-14-18