



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Love to Code Creative Coding Kit

KIT-14590

Get started with coding and paper circuits now! The Love to Code Creative Coding Kit from Chibitronics is a fun, friendly and new way to engage with coding using the Chibi Chip microcontroller board. The Creative Coding Kit reinvents the book through paper electronics: craft functional circuits directly into the pages of the included storybook, Love to Code Volume 1, while learning how to bring images to life through code. With Love to Code, everyone can fall in love with coding!

In Love to Code Volume 1, you'll join Fern the Frog in learning the "sometimes hard, but fun" concepts in coding. You'll master basics of electronics and coding with the help Fern's friend, Sami the Seal. You'll start with turning on an LED, then learning how to make it blink. Your projects will become interactive after learning how to craft several types of paper circuit switches, while learning about variables and conditional statements. You'll wrap up with learning how to create more aesthetically pleasing light-fading effects using loops and multithreading. There is also a comprehensive appendix on debugging which will help you develop the skills to evaluate, find, and fix problems in projects.

Getting started is easy and quick, thanks to an easy-to-use web-only environment that requires no software to install or drivers to configure. Code is uploaded to your Chibi Chip via the common headphone jack. If you can stream music off the web, you've already got everything you need to Love to Code. Confirm your browser's compatibility by visiting <https://ltc.chibitronics.com/test> and buy with confidence!

The Love to Code Creative Coding Kit contains everything needed to complete Love to Code Volume 1. This includes the 150-page book printed in full color, a Chibi Chip pre-mounted in a Chibi Clip, a programming cable, 2 rolls of copper tape, 36 white LED stickers, 64 conductive fabric patches, a stencil for sketching component outlines, and a Chibi Book powered ring binder (batteries not included – requires 3 AA batteries).

**Note:** The Love to Code Creative Coding Kit requires three AA sized batteries to operate. These batteries are NOT included in this kit and will need to be purchased separately.

#### INCLUDES

- 1x Love to Code Volume 1 - Modular Instructional Story Book
- 1x Chibi Chip Microcontroller Board
- 1x Chibi Clip Mounting Accessory
- 1x Programming Cable
- 1x Circuit Sticker Stencil
- 2x Copper Tape - 16ft (5m)
- 36x Chibitronics White LED Stickers
- 64x Fabric Tape Swatches

#### EXAMPLES

**Love to Code Volume 1 includes five chapters total:**

- Light Up and LED
- Code a Blink
- Add a Switch
- Fade In and Out
- Debugging

