

chibi[®]
tronics

electrify your creativity

Educators

Check out our
Classroom and
Value Bundles
starting page 26!



Product Catalog

welcome
to
light



Hello...

I'm Jie Qi, Co-founder and CEO of Chibitronics.

Chibitronics was born out of my PhD research at the MIT Media Lab, where I explored paper circuitry as a new way to make and share electronics. Technology is more than a tool for solving problems. It's also a medium for making art, telling stories and expressing ourselves. The power of circuits and code can bring our ideas to life in exciting new ways such as with light, sound, movement and computation.

Our dream is to make technologies like circuit building and coding as fun and accessible as crayons. When we add science and engineering to everyone's creative toolbox, we expand the possibilities for bringing our imaginations into reality, fostering innovation that serves everyone.

♡ Jie Qi



chibitronics

creative art, craft & tech



Chibitronics is an award-winning, founder-led, woman-run STEM and STEAM-learning company that makes toolkits and resources blending craft with technology. These include peel-and-stick electronic components — aka circuit stickers! We also make a paper-friendly microcontroller called the Chibi Chip.

To accompany these materials, we have tutorial books and lesson guides in both print and digital form full of creative projects that help introduce electronics and coding along with arts and crafts.

We make kits and accessories enabling creators of all ages to make paper circuits. It's a friendly way to learn, design and create electronic crafts using familiar and beautiful materials.

Be inspired, take a look at our products and their creative uses. We look forward to working with you as well as earning your endorsement, by including Chibitronics as part of your product offerings.

Chibitronics tools and research have been developed in part with generous grants from the National Science Foundation.





led circuit stickers



LED circuit stickers are light, paper-thin and flexible circuit boards cut into small, fun shapes with conductive adhesive on the back.

The adhesive sticks to most surfaces and can be used with virtually any conductive materials as “wiring” — such as conductive copper

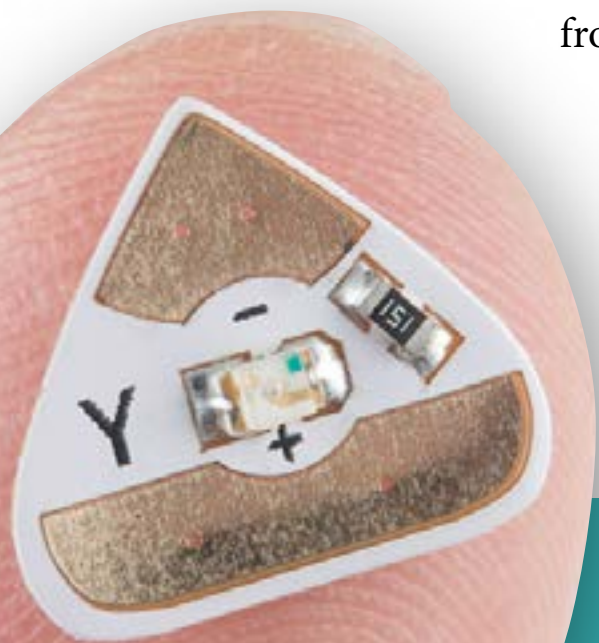
tape, conductive threads, or even aluminum foil

from your kitchen. We’ve designed Circuit

Stickers to be as easy-to-use as possible,

so all you need is your curiosity and

your imagination to get started!



magic of light



The warm, colorful and dynamic glow of light adds entirely new dimensions to one of our favorite crafting materials: paper! With our easy-to-use sensors, effects and programmable Chibi Chip, paper comes to life with interactivity as it never has before.

electrify your world



family fun

Paper circuits with Chibitronics is the perfect family arts and crafts activity with an engineering twist! Our kits provide everything your family needs to get started playing, learning and making together. Paper circuits are safe, inspiring and creative fun for the whole family!



get

inspired



classroom

hands-on STEAM learning

“Through Chibitronics I am able to provide my students with multiple pathways to creativity and cross-curricular learning when lesson planning.”

Chris Awad teaching Pre-K through 8th technology in an urban public

Chibitronics is a leader in STEAM (Science Technology Engineering Art and Math) education. Our tools are used by educators around the world from elementary and middle school to college classrooms. Educators are using our paper circuits to seamlessly integrate across disciplines such as art, science, math, social studies, and language arts.

Students are creating interactive artworks, illuminating haikus, mapping the stars and the world around them, inventing cardboard arcades, building paper cities, and so much more!



Classroom Pack
Imagine Make Learn

Package contents:

- 90 white LED stickers, pre-cut into 30 sets of 3
- 98 ft (30m) of copper tape, provided as 6 rolls of 16.4 ft (5m)



Chibi Lights STEM Starter Kit

Learn the basics of circuits and electronics with an interactive sketchbook! This kit comes with everything you need to complete 5 project templates, from parallel circuits to DIY pressure sensors, along with open-ended activities to practice your new circuit skills! It's easy, fun, safe and creative. Contains 1 Circuit Sticker Sketchbook, 12 LED circuit stickers (6 white, 2 yellow, 2 red and 2 blue), 2 binder clips, 2 coin cell batteries, 1 roll of copper tape (16 feet/5M).

0799439668133 • STEM Starter Kit

\$35.00



Circuit Stickers Intro Pack

Create a light-up shining star card, cupcake card and glowing paper helicopter with this fun activity kit! This intro kit includes 3 colorful activity cards (star card, cupcake card, paper helicopter), 3 white LED circuit stickers, 3 feet of copper tape, 1 coin battery (3V CR2032) and 1 binder clip.

0799439675384 • Intro Pack

\$12.00





LED Lights Sampler Mega Pack

Our Sampler Megapack has every color of LED circuit sticker so you can try them all! Contains: 6 white, 4 red, 4 yellow, 4 blue, 4 pink, 4 orange, and 4 green LED stickers.

0793591594033 • Lights Sampler Mega Pack

\$35.00



Color LED Mega Pack

Red, Blue, Yellow

Our Color Megapack includes 30 LED circuit stickers: 10 red, 10 yellow, and 10 blue LED stickers.

0799439675339 • RYB LED Mega Pack

\$35.00



White LED Mega Pack

Light up your world with our LED sticker MegaPack! Includes: 30 white LED circuit stickers.

0799439675346 • White LED Mega Pack

\$35.00



Tropical Mega Pack

Pink, Orange, Green

Our Tropical Megapack contains 30 LED circuit stickers: 10 pink, 10 orange, and 10 green LED circuit stickers.

0797776092222 • Tropical LED Mega Pack

\$35.00



Conductive Copper Tape

Use our roll of copper tape to make light-up creations with our circuit stickers. Copper tape is highly conductive, solderable and great for adding shiny decorative elements to your project. Please note: Adhesive on the copper tape is not conductive. Each roll measures 4mm wide and 16 feet/5M long.

0799439675353 • Copper Tape

\$10.00



Conductive Fabric Tape

This conductive fabric tape is soft, flexible, sturdy and comes with a strong conductive adhesive. Great for projects that have lots of folding and moving parts! Each roll measures 4mm wide and 32 ft/10m long. Included is a handy tape tag for keeping the tape tidy and keeping it from unspooling off the roll.

0793591594026 • Conductive Fabric Tape Roll

\$10.00

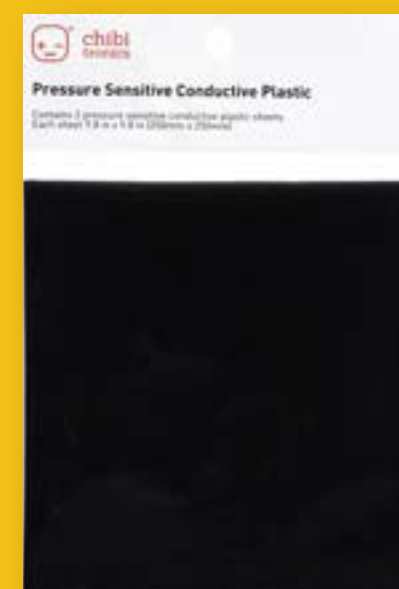


Conductive Fabric Tape Patches

These patches are a tiny bridge of durable conductive fabric with a highly conductive adhesive on one side, perfect for repairing loose circuit connections. Each pack contains 64 swatches of conductive fabric tape, pre-cut to 0.2" x 0.6" (5mm x 15mm) patches for your projects.

0797776092291 • Conductive Fabric Tape Patches

\$10.00



Pressure Sensitive Conductive Plastic

This package comes with two sheets of pressure-sensitive plastic (also known as Velostat or Linqstat), each sheet measuring 9.8 in x 9.8 in (250mm x 250mm). Resistance goes down as you press, perfect for making DIY pressure sensors!

0735850001494 • Pressure Sensitive Conductive Plastic

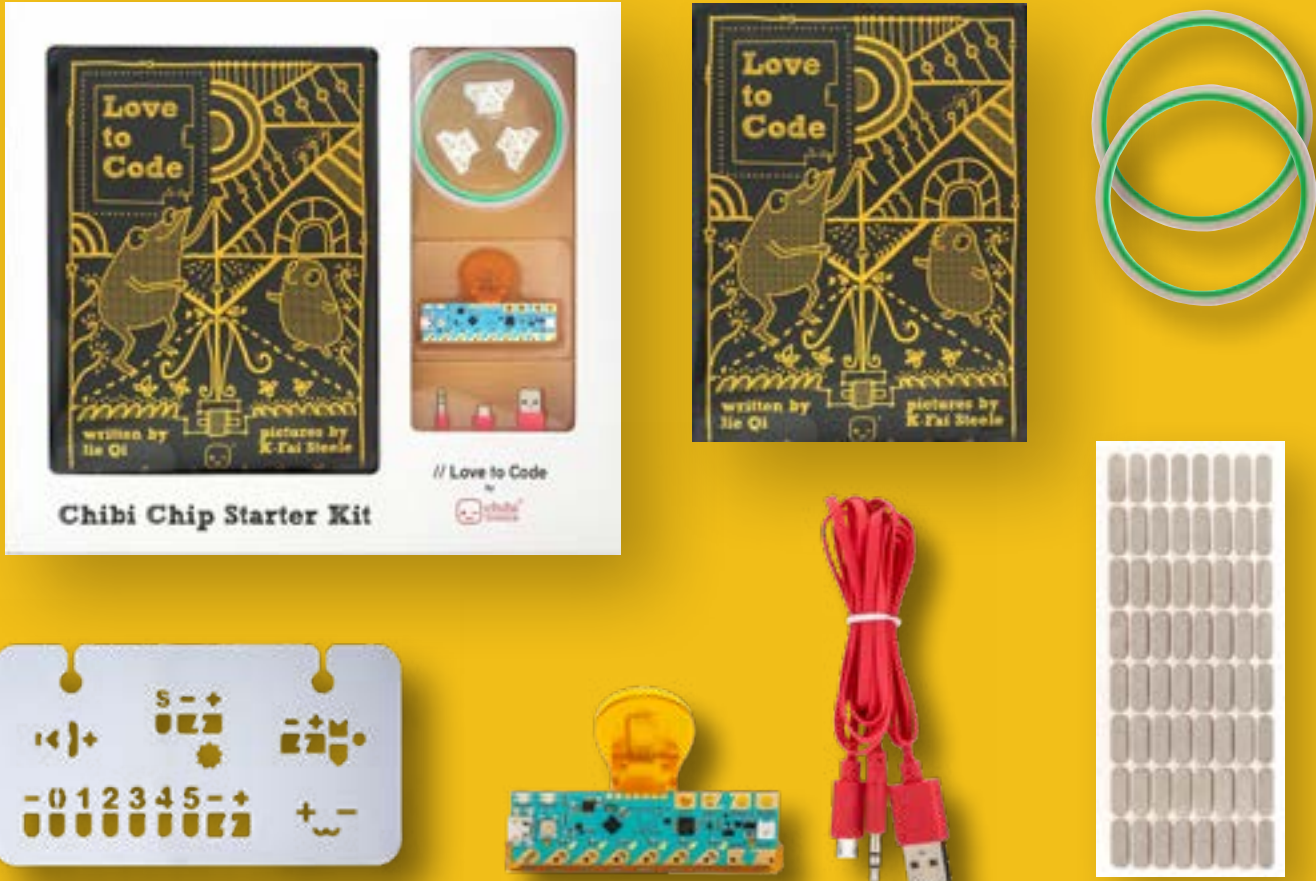
\$10.00

Love to Code Creative Coding Starter Kit

Get started with coding now! This kit is a fun, friendly and new way to engage with coding through funny characters and hands-on activities. Included is a full-color, story-based activity book for learning to program in ChibiScript. Contains: 1 Powered Binder (uses 3 AA batteries, not included), 1 Love to Code Chibiscrypt (text-based code) book, 1 Love to Code Chibiscrypt (block-based code) book, 1 Chibi Chip pre-mounted on a clip, 1 programming cable, 36 white LED circuit stickers, 2 rolls of copper tape (16 ft/5m each), 1 sheet of conductive fabric tape patches (64 patches), 1 Love to Code circuit stencil, 1 binder pouch.

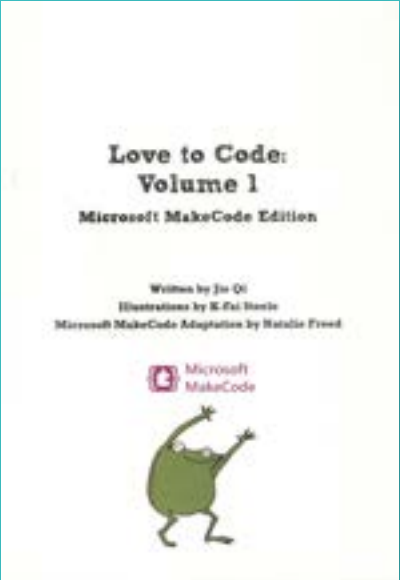
0797776092314 • LTC Creative Coding Starter Kit

\$99.00



Love to Code Vol 1

Microsoft MakeCode Edition



Learn coding with Fern and friends! This book contains the Microsoft MakeCode Edition of the Love to Code book for learning block-based programming. Please note: this book comes in loose pages that go with the Love to Code Binder. Binder not included in this pack.

9789811161322 • LTC - Microsoft MakeCode Book

\$13.00

Love to Code Vol 1

Text Code Edition



Learn coding with Fern and friends! This book contains the Chibiscrypt Edition of the Love to Code book for learning text-based programming. Please note: this book comes in loose pages that go with the Love to Code Binder. Binder not included in this pack.

9789811146886 • LTC - Text Code Book

\$13.00



Chibi Chip with Clip

The Chibi Chip is a beginner-friendly microcontroller for learning to code and create interactive paper circuit projects in a convenient clip form factor! This package has the Chibi Chip pre-mounted onto the plastic clip holder, which is perfect for attaching and reattaching and for reuse across multiple projects and classes. Contains: Chibi Chip, clip holder and programming cable.

0735850001449 • LTC - Pre-mounted Chibi Chip

\$39.00



Chibi Scope

The Chibi Scope is a tiny screen designed to help you understand what's going on inside your Chibi Chip. It has three functions: serial monitor text, voltage reading and wave reading. The Chibi Scope connects to your Chibi Chip using the three included alligator clips.

0797776092277 • LTC - Chibi Scope

\$35.00



Replacement Chibi Chip

This package contains a replacement Chibi Chip that either can be attached to a clip holder or embedded flat in projects without the clip holder. This package includes the Chibi Chip and programming cable.

0797776092260 • LTC - Chibi Chip

\$35.00



Replacement Clip Holder

Replacement clip holder for your Chibi Chip

0797776092284 • LTC - Chibi Clip

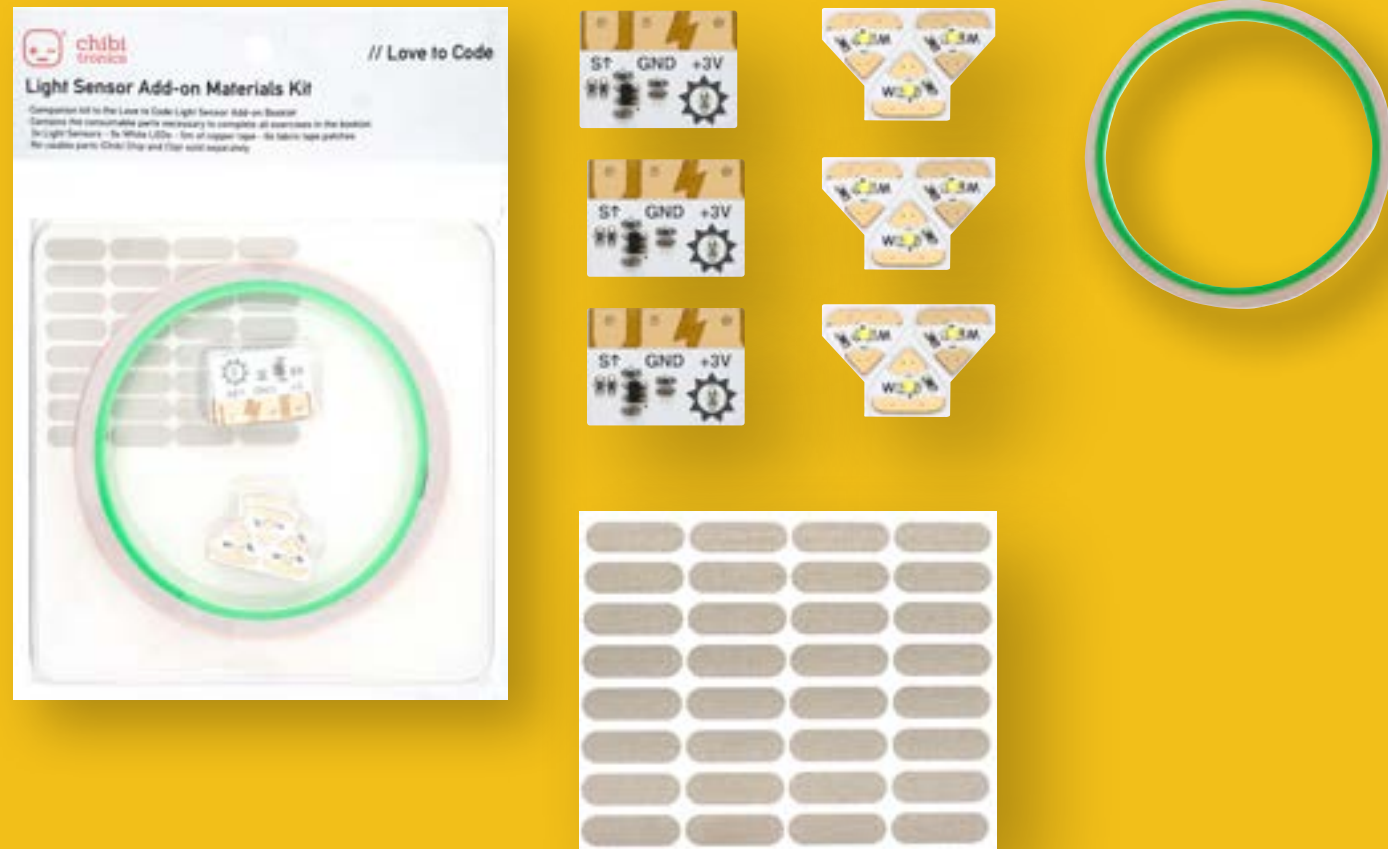
\$12.00

Light Sensor Materials Kit

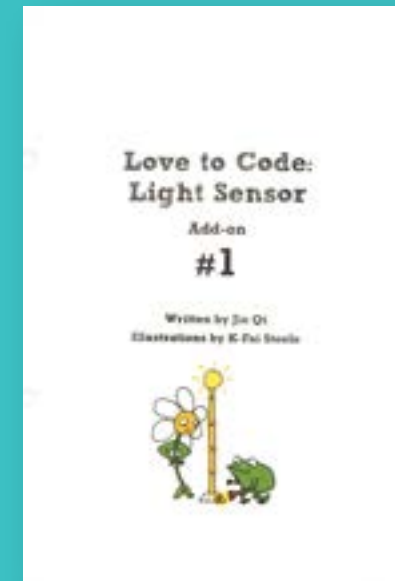
Light sensor stickers turn light levels into signals to control your paper circuits! This is the companion kit of parts for the Love to Code Light Sensor Book. The kit contains: 3 light sensor circuit stickers, 9 white LED stickers, 16ft/5m of copper tape, and 32 conductive fabric tape patches.

0735850001487 • LTC - Light Sensor Materials Kit

\$22.00



Light Sensor Booklet



The Light Sensor Booklet shows you how to use the light sensor sticker with the Chibi Chip. Build fun projects like a light-o-meter that can measure light levels, while learning how to process analog sensor values. Please note: this book comes in loose pages that go with the Love to Code Binder. Binder not included in this pack.

9789811163395 • LTC - Light Sensor Booklet

\$8.00

Light Sensor 6-Pack

Light sensor stickers turn light levels into signals to control your paper circuits! Each pack includes 6 light sensor stickers.

0735850001470 • LTC - Light Sensor 6-Pack

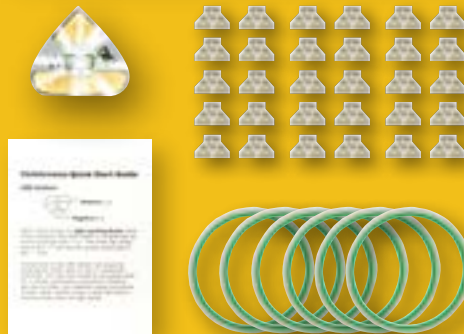
\$18.00





Circuit Stickers Classroom Pack White

The Chibitronics Educator Kit is a class pack of LED stickers and copper tape for a class size of 30. With 90 white LED circuit stickers and 98 feet (six rolls) of copper tape, educators can conduct several projects per student.



0799439675391 • Educator Pack, White Lights

\$125.00



Circuit Stickers Classroom Pack Red, Yellow, Blue

The Chibitronics Educator Kit is a class pack for a class size of 30. This pack contains 90 LED circuit stickers total (30 Red, 30 Yellow, 30 Blue) and 98 feet (six rolls) of copper tape total.



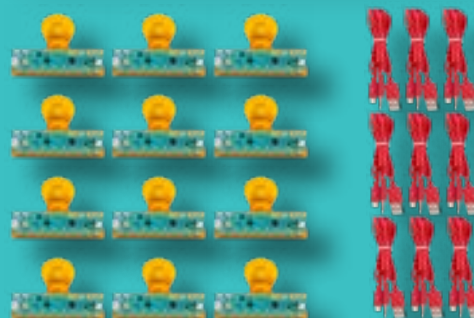
0797776092253 • Educator Pack, RYB lights

\$125.00



Chibi Chip Classroom Pack 12 Chibi Chip/Clips

The Chibi Chip Pack includes 12 Chibi Chip/Clips for classroom use. This kit includes 12 Chibi Chips and 12 Clips (premounted), and 12 programming cables.



\$300.00

“ It’s not just the wonder over this little tiny sticker lighting up... There’s also magic in... ‘I understand this. I can do this! It’s paper! There’s so much I can do with paper!’ ”

Art Educator

Love to Code Classroom Bundle Budget Edition - 24 Students

This budget classroom bundle has everything you need for students to build and program their very own circuits. This bundle includes: 24 Love to Code Premounted Chibi Chip/Clip sets, 1 Circuit Stickers Classroom Pack - Red, Yellow and Blue, 1 Circuit Stickers Classroom Pack - White, 12 additional rolls Copper Tape, 3 Prototyping LED packs (150 axial type LEDs total), 10 Conductive Fabric Tape Patches sheets, 1 Pressure Sensitive Conductive Plastic pack, 1 Love to Code Chibi Chip Starter Kit, 1 Microsoft Makecode edition of the Love to Code Book.

This bundle represents a savings of \$810.00 and comes with 1 hour of free teacher training!

\$950.00



Love to Code Classroom Bundle Book Edition - 12 Students

This deluxe bundle comes with a Love to Code kit per student, which includes a full activity book and powered binder, for each student along with lots of additional supplies for exploring and learning! Contains: 12 Love to Code Creative Coding kits with Makecode and ChibiScript Book Editions, 1 Pressure Sensitive Conductive Plastic pack, 6 Conductive Fabric Tape rolls, 4 Red/Yellow/Blue LED Sticker Megapacks, 4 Pink/Orange/Green LED sticker Megapacks, 1 teacher copy of Light Sensor Book, 3 Light Sensor Sticker 6-packs (18 Light Sensor Stickers total)

This bundle represents a savings of \$798.00 and comes with 1 hour of free teacher training!

\$1,450.00

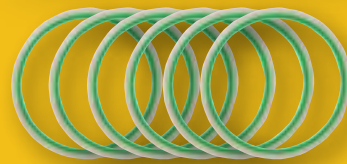




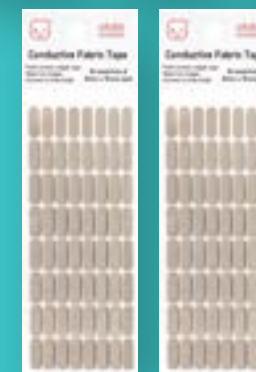
Copper Tape 6 Pack Value Bundle

This discounted value bundle of copper tape contains 6 rolls measuring 4mm wide and 16 feet/5M each, for a total of 96ft/30M of copper tape.

0735850001401 • Copper Tape 6 Pack



\$35.00



Conductive Fabric Tape 5 Pack Value Bundle

This discounted value bundle contains 5 packs of Conductive Fabric Tape patches for a total of 320 patches

0797776092291 • Conductive Fabric Tape Patches 5 pack

\$35.00



Hack Your Notebook Books 1 & 2 Educator Bundle

Hack Your Notebook Books 1 and 2 introduce teachers to creative learning and hands-on STEAM pedagogy through paper circuits. This bundle contains Hack Your Notebooks 1 and 2, 12 LED stickers total (6 white, 2 red, 2 yellow, 2 blue), 4 prototyping axial LEDs, 3 gumdrop LEDs, 16ft/5m copper tape, 2 coin cell batteries, 2 binder clips and 8 conductive fabric patches

\$39.00



Prototyping LEDs White

These LEDs are great for learning and practice - while not quite as slim as our LED Circuit Stickers, they are much smaller than standard through-hole LEDs and have horizontal connectors that are easy to tape down. They can be removed and reused in multiple projects.

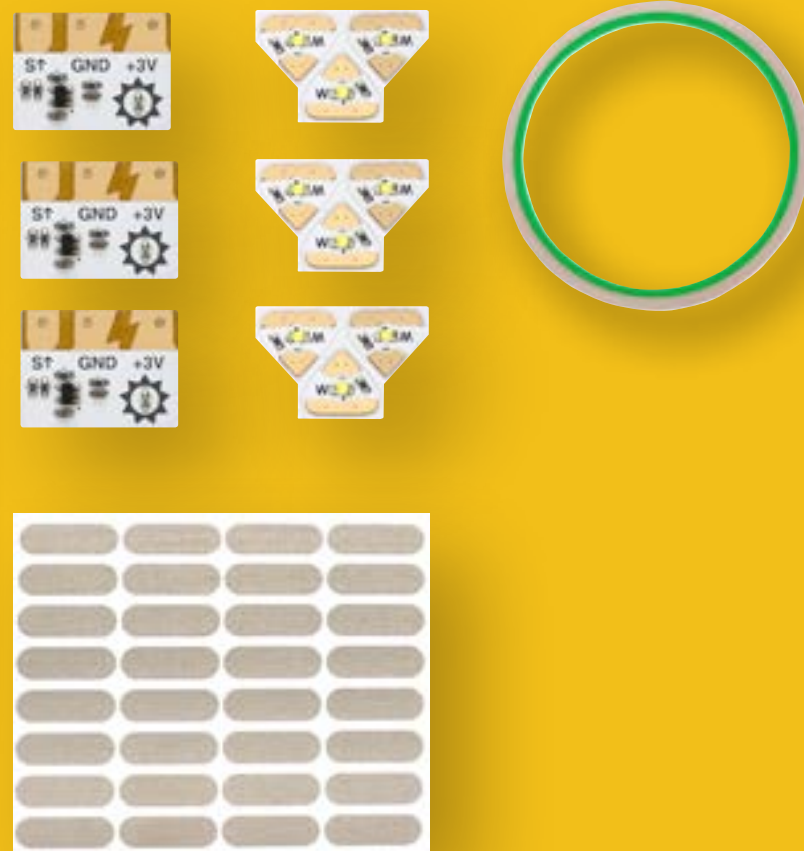
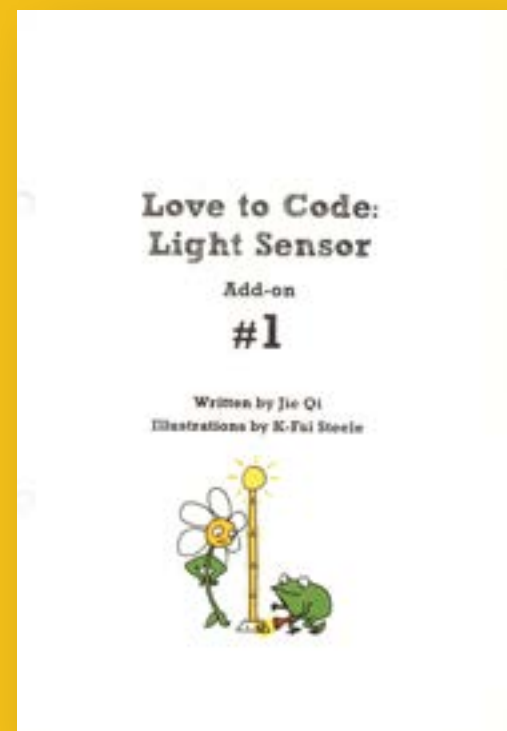
Contains 50 white axial LEDs

\$19.00

Light Sensor Book & Kit Value Bundle

Get the Love to Code Light Sensor booklet and add-on materials kit in this one bundle. Contains: Love to Code Light Sensor booklet, 3 light sensor circuit stickers, 9 white LED stickers, 16ft/5m of copper tape, and 32 conductive fabric tape patches.

\$25.00



Light Sensor 3 Pack Value Bundle



Light sensor stickers turn light levels into signals to control your paper circuits! This value bundle of 3 light sensor 6-packs contains 18 light sensor stickers total.

0735850001470 • LTC - Light Sensor 6-Pack

\$35.00

Love to Code Stencil 6 Pack Value Bundle



Love to Code Stencils are great for helping students design and draw out their circuits before constructing, saving on supplies! This value bundle contains 6 Love to Code stencils.

\$18.00



We Love Educators!

Sign up for our educator discount and get an additional 20% off all purchases! Learn more here:

<https://chibitronics.com/educator-discount/>

Even more discounts are available for wholesale orders. For more information, please send inquiries to:

education@chibitronics.com

how to order

1 online

Order from our online shop at:
shop.chibitronics.com

2 email

Please email purchase orders to:
info@chibitronics.com

We accept all major credit cards, check, ACH, wire and Paypal payments.

Educators: please use your discount code during checkout or in your purchase order email!

Interested in becoming a reseller? Please let us know by filling out this form:

<https://chibitronics.com/wholesale-inquiries/>

shipping and handling

Our standard shipping service is **USPS Priority Mail**.

We recommend giving at least one week for orders to ship and arrive.

For **rush orders**, please email info@chibitronics.com with your inquiry and we will do our best to accommodate your request!

General inquiries
info@chibitronics.com

Education inquiries
education@chibitronics.com

Technical assistance
help@chibitronics.com

Chibitronics Inc.
831 N Tatnall Street
Suite M #222
Wilmington, DE 19801
Phone: 302 316 5113
www.chibitronics.com

We look forward to hearing from you!



e l e c t r i f y y o u r w o r l d