



Make: Electronics (Learning by Discovery)

Charles Platt

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"This is teaching at its best!"

--Hans Camenzind, inventor of the 555 timer (the world's most successful integrated circuit), and author of *Much Ado About Almost Nothing: Man's Encounter with the Electron* (Booklocker.com)

"A fabulous book: well written, well paced, fun, and informative. I also love the sense of humor. It's very good at disarming the fear. And it's *gorgeous*. I'll be recommending this book highly."

--Tom Igoe, author of *Physical Computing* and *Making Things Talk*

Want to learn the fundamentals of electronics in a fun, hands-on way? With *Make: Electronics*, you'll start working on real projects as soon as you crack open the book. Explore all of the key components and essential principles through a series of fascinating experiments. You'll build the circuits first, *then* learn the theory behind them!

Build working devices, from simple to complex You'll start with the basics and then move on to more complicated projects. Go from switching circuits to integrated circuits, and from simple alarms to programmable microcontrollers. Step-by-step instructions and more than 500 full-color photographs and illustrations will help you use -- and understand -- electronics concepts and techniques.

- Discover by breaking things: experiment with components and learn from failure
- Set up a tricked-out project space: make a work area at home, equipped with the tools and parts you'll need
- Learn about key electronic components and their functions within a circuit
- Create an intrusion alarm, holiday lights, wearable electronic jewelry, audio processors, a reflex tester, and a combination lock
- Build an autonomous robot cart that can sense its environment and avoid obstacles
- Get clear, easy-to-understand explanations of what you're doing and why

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Playing with family in the park, coming to see the coastal world or hanging out with good friends is thing that usually you could have done when you have spare time, subsequently why you don't try issue that really opposite from that. One particular activity that make you not feeling tired but still relaxing, trilling like on roller coaster you already been ride on and with addition details. Even you love Make: Electronics (Learning by Discovery), you could enjoy both. It is fine combination right, you still desire to miss it? What kind of hang-out type is it? Oh come on its mind hangout guys. What? Still don't obtain it, oh come on its identified as reading friends.

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