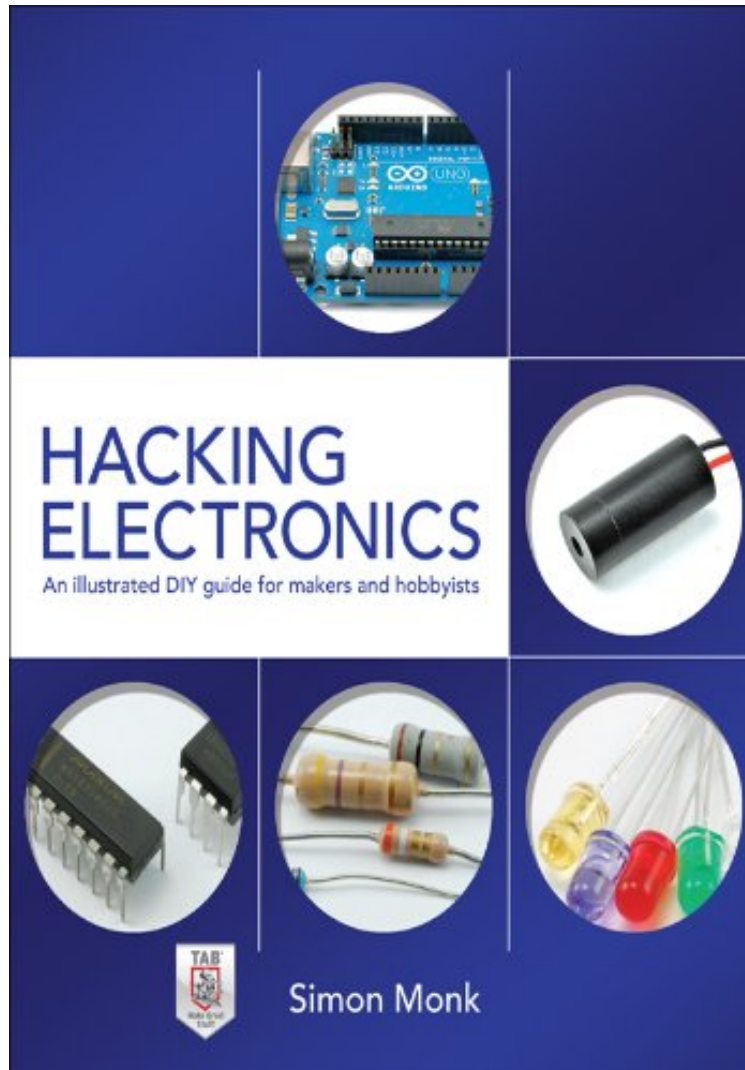


[Free pdf] Hacking Electronics: An Illustrated DIY Guide for Makers and Hobbyists

Hacking Electronics: An Illustrated DIY Guide for Makers and Hobbyists

Von Simon Monk

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Von Simon Monk : Hacking Electronics: An Illustrated DIY Guide for Makers and Hobbyists before purchasing it in order to gage whether or not it would be worth my time, and all praised Hacking Electronics: An Illustrated DIY Guide for Makers and Hobbyists:

KundenrezensionenHilfreichste Kundenrezensionen4 von 4 Kunden fanden die folgende Rezension hilfreich. Misleading titleVon Sebastian HorlebeinI expected information on how to hack electrical devices. How to test and analyze circuits, how to monitor communication between chips and so on. Knowledge that enables me to extend or manipulate electronics for my own purpose.What I got was just another how to do x y with arduino uno book. From

running a led with a battery to reading various kinds of sensors with an arduino (one would have been enough) this book covers basic experiments for beginners. The book contains a few chapters that are interesting and that should have been extended to fill the entire book. How to load batteries, how to salvage electronic parts... But this unfortunately only makes like 10% of the book. I don't want to read how a capacitor behaves and when I want to have an arduino book I buy one... I would have given 3 stars but one of the first experiments involves mains voltage without saying that this is dangerous. Same goes for the use of lasers. Info on high voltage comes like in the last chapter. Unlucky hobbyists are dead before getting there. 0 von 0 Kunden fanden die folgende Rezension hilfreich. Klasse Nachschlagewerk und Ideengeber. Von Kunde Ich schlage in dem Buch immer wieder mal kleinere Sachen nach, dafür isst prima und Ideen bekommt man beim durchlesen auch jede Menge. Inhaltlich zwar nicht zu vergleichen mit der "Art of Electronics" oder "Viewegs Handbuch der Elektrotechnik" aber allemals ein Klasse Buch mit vielen Ideen und Inspirationen. Die anderen beiden bekamen von mir 6 Sterne wenns die gbe... 0 von 0 Kunden fanden die folgende Rezension hilfreich. mmnaja Von Kay Korn Habe auf empfehlung in c't-mag. gekauft, weil es für neulinge wohl ein guter einstieg sein soll. ist gut zur ergänzung aber nicht für neulings-einstieg. abseits davon hier und da ganz interessant.

Kurzbeschreibung Bring your electronic inventions to life! "This full-color book is impressive...there are some really fun projects!" -GeekDad, Wired.com Who needs an electrical engineering degree? This intuitive guide shows how to wire, disassemble, tweak, and re-purpose everyday devices quickly and easily. Packed with full-color illustrations, photos, and diagrams, Hacking Electronics teaches by doing--each topic features fun, easy-to-follow projects. Discover how to hack sensors, accelerometers, remote controllers, ultrasonic rangefinders, motors, stereo equipment, microphones, and FM transmitters. The final chapter contains useful information on getting the most out of cheap or free bench and software tools. Safely solder, join wires, and connect switches Identify components and read schematic diagrams Understand the how and why of electronics theory Work with transistors, LEDs, and laser diode modules Power your devices with a/c supplies, batteries, or solar panels Get up and running on Arduino boards and pre-made modules Use sensors to detect everything from noxious gas to acceleration Build and modify audio amps, microphones, and transmitters Fix gadgets and scavenge useful parts from dead equipment Kurzbeschreibung Bring your electronic inventions to life! "This full-color book is impressive...there are some really fun projects!" -GeekDad, Wired.com Who needs an electrical engineering degree? This intuitive guide shows how to wire, disassemble, tweak, and re-purpose everyday devices quickly and easily. Packed with full-color illustrations, photos, and diagrams, Hacking Electronics teaches by doing--each topic features fun, easy-to-follow projects. Discover how to hack sensors, accelerometers, remote controllers, ultrasonic rangefinders, motors, stereo equipment, microphones, and FM transmitters. The final chapter contains useful information on getting the most out of cheap or free bench and software tools. Safely solder, join wires, and connect switches Identify components and read schematic diagrams Understand the how and why of electronics theory Work with transistors, LEDs, and laser diode modules Power your devices with a/c supplies, batteries, or solar panels Get up and running on Arduino boards and pre-made modules Use sensors to detect everything from noxious gas to acceleration Build and modify audio amps, microphones, and transmitters Fix gadgets and scavenge useful parts from dead equipment ber den Autor und weitere Mitwirkende Dr. Simon Monk has a degree in Cybernetics and Computer Science and a PhD in Software Engineering. He spent several years as an academic before he returned to industry, co-founding the mobile software company Momote Ltd. Dr. Monk has been an active electronics hobbyist since his early teens and is a full-time writer on hobby electronics and open source hardware. He is the author of numerous electronics books, including 30 Arduino Projects for the Evil Genius and Arduino + Android Projects for the Evil Genius, as well as co-author of Practical Electronics for Inventors, Third Edition.