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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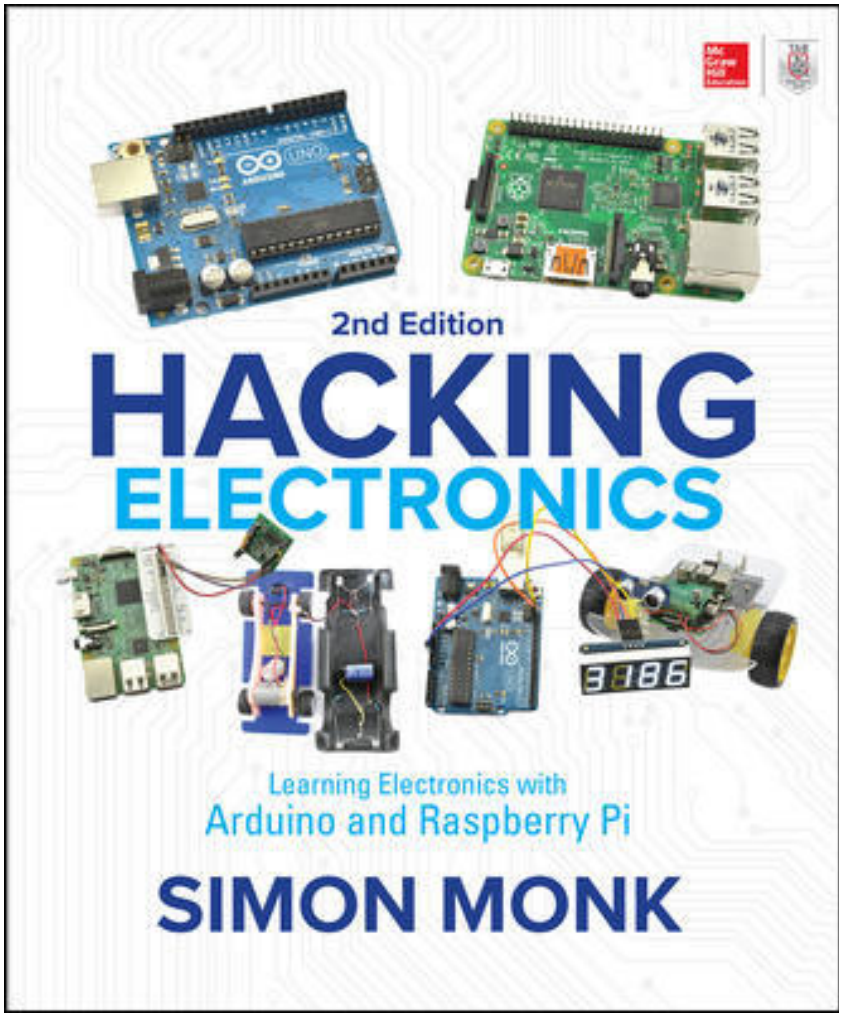

Hacking Electronics: Learning Electronics with Arduino and Raspberry Pi, Second Edition

by **Simon Monk**

2nd Edition • Active, In-Print • 304 Pages • Paperback / softback
9781260012200 • 1260012204

Up-to-date hacks that will breathe life into your Arduino and Raspberry Pi creations!

This intuitive DIY guide shows how to wire, disassemble, tweak, and re-purpose household devices and integrate them with your Raspberry Pi and Arduino inventions. Packed with full-color illustrations, photos, and diagrams, *Hacking Electronics: Learning Electronics with Arduino and Raspberry Pi, Second Edition*, features fun, easy-to-follow projects. You'll discover how to build an Internet-controlled hacked electric toy, ultrasonic rangefinder, remote-controlled robotic rover, audio amp, slot car brakes and headlights—even a smart card reader!

- Get up and running on both Arduino and Raspberry Pi
- Safely solder, join wires, and connect switches
- Identify components and read schematic diagrams
- Work with LEDs, including high-power Lumileds and addressable LED strips
- Use LiPo batteries, solar panels, and buck-boost power supplies
- Use sensors to measure light, temperature, acceleration, sound level, and color
- Build and modify audio amps, microphones, and transmitters
- Repair gadgets and scavenge useful parts from dead equipment
- Get the most out of cheap or free bench and software tools