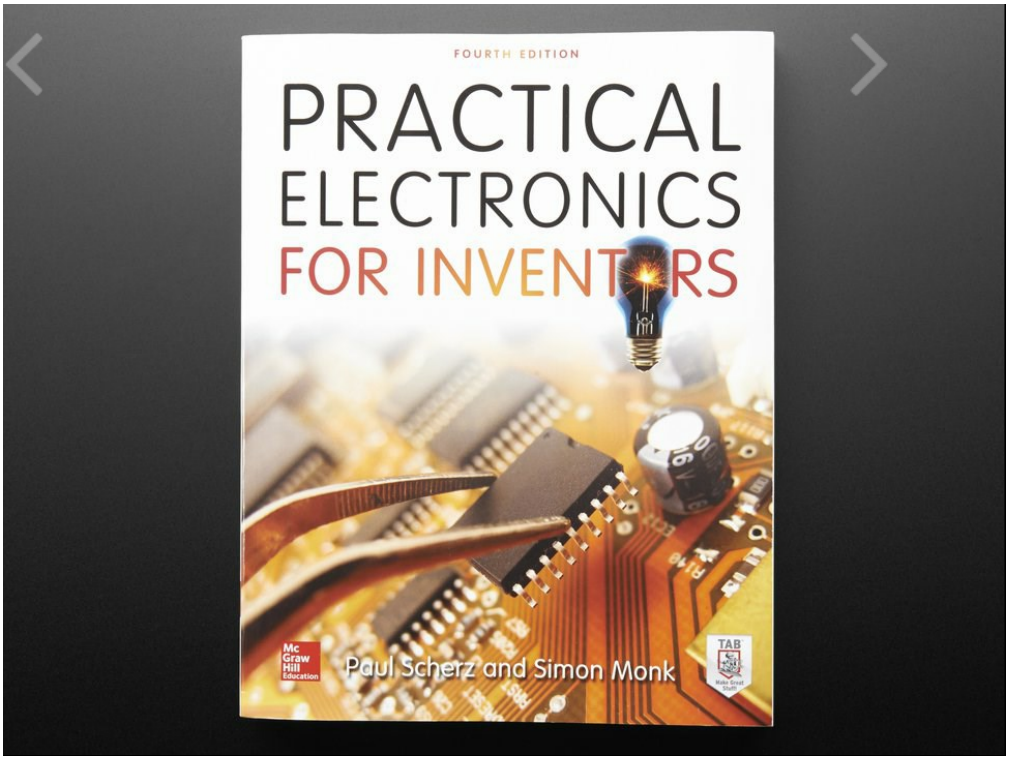








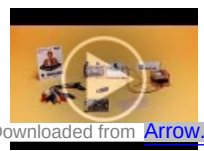

Practical Electronics for Inventors, Fourth Edition

PRODUCT ID: 1261

DISCONTINUED

DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

THE ELECTRONICS KNOW-HOW YOU NEED TO BECOME A SUCCESSFUL INVENTOR

"If there is a successor to *Make: Electronics,* then I believe it would have to be *Practical Electronics for Inventors*....perfect for an electrical engineering student or maybe a high school student with a strong aptitude for electronics....I've been anxiously awaiting this update, and it was well worth the wait."--GeekDad (Wired.com)

Advance your electronics knowledge and gain the skills necessary to develop and construct your own functioning gadgets. Written by a pair of experienced engineers and dedicated hobbyists, Practical Electronics for inventors, Fourth Edition, lays out the essentials and provides step by step instructions, schematics, and illustrations. Discover how to select the right components, design and build circuits, use microcontrollers and ICs, work with the latest software tools, and test and tweak your creations. This easy to follow, no none sense guide to electronics features new instruction on programmable logic, semiconductors, operational amplifiers, voltage regulators, power supplies, digital electronics, and more!

Coverage includes:

- Resistors, capacitors, inductors, and transformers
- Diodes, transistors, and integrated circuits
- Optoelectronics, solar cells, and phototransistors
- Sensors, GPS modules, and touch screens
- Op amps, regulators, and power supplies
- Digital electronics, LCD displays, and logic gates
- Microcontrollers and prototyping platforms
- Combinational and sequential programmable logic
- DC motors, RC servos, and stepper motors
- Microphones, audio amps, and speakers
- Modular electronics and prototypes

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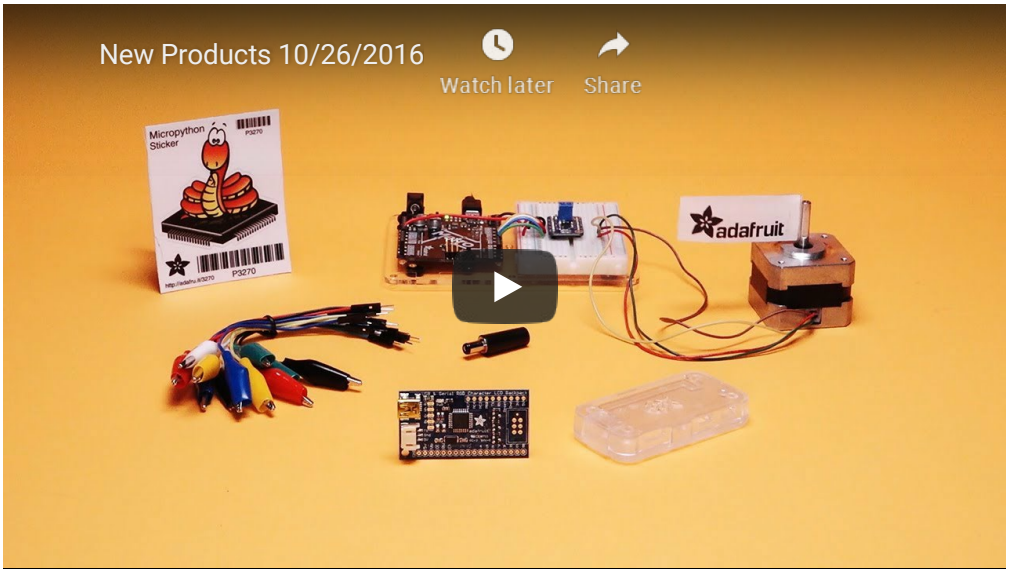
Author comments

Paul Scherz is a physicist/mechanical engineer who received his B.S. in physics from the University of Wisconsin. He is an inventor/hobbyist in electronics, an area he grew to appreciate through his experience at the University's Department of Nuclear Engineering and Engineering Physics and the Department of Plasma Physics.

Dr. Simon Monk has a degree in Cybernetics and Computer Science and a PhD in Software Engineering. Monk spent several years as an academic before he returned to industry, co-

founding the mobile software company Momote Ltd. He has been an active electronics hobbyist since his early teens and is a full time writer on hobby electronics and open source hardware. Dr. Monk is the author of numerous electronics books, including *30 Arduino Projects for the Evil Genius and Arduino + Android Projects for the Evil Genius.*



TECHNICAL DETAILS

RoHS

MAY WE ALSO SUGGEST...