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THIRD EDITION

PRACTICAL ELECTRONICS FOR INVENTORS



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Resumo de Practical Electronics for Inventors, Third Edition

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) Spark your creativity and gain the electronics skills required to transform your innovative ideas into functioning gadgets.

This hands-on, updated guide outlines electrical principles and provides thorough, easy-to-follow instructions, schematics, and illustrations. Find out how to select components, safely assemble circuits, perform error tests, and build plug-and-play prototypes.

Practical Electronics for Inventors, Third Edition, features all-new chapters on sensors, microcontrollers, modular electronics, and the latest software tools. 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, including Arduino DC motors, RC servos, and stepper motors Microphones, audio amps, and speakers Modular electronics and prototyping

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