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## Basic Electronics for Tomorrow s Inventors: A Thames and Kosmos Book (Paperback)

By Nick Dossis

McGraw-Hill Education - Europe, United States, 2012. Paperback. Condition: New. Language: English . Brand New Book. Learn about electronics with fun experiments and projects Created in partnership with Thames Kosmos, Basic Electronics for Tomorrow s Inventors introduces you to essential electronics concepts through fun, do-it-yourself projects. You ll get tips for setting up your home workbench, safely handling materials, and creating a variety of entertaining gadgets. All of the projects and experiments use inexpensive, readily available electronic components and different types of breadboard, which creates a plug-and-play environment for you to build electronic circuits-no soldering required! Inside you ll find: Things You ll Need--lists of all the electronic components and equipment required for each experiment A Circuit Diagram--shows how each of the electronic components are connected to produce the experiment How the Circuit Works-- identifies the building blocks used to make the circuit and helps you read circuit diagrams Breadboard Layout--close-up photographs that guide you in building each electronic circuit Time to Experiment--explains how to get your experiment working Step-by-step projects include: Phone experiments Make an LED light up Make an LED flash Create colors with an RGB LED Build a working telephone Dashboard experiments Create indicator lights Build a temperature sensor Make an...



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