



The Arduino Project Handbook

45 Illustrated Projects for the Complete Beginner

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Summary:

The Arduino Project Handbook is a beginner friendly collection of 45 fun and interactive projects to build with the low cost Arduino microcontroller. Each project includes concise instructions with full-color illustrations, an easy-to-follow circuit diagram, and complete code.

As much a hands-on introduction to Arduino and electronics as it is an inspirational reference, in The Arduino Project Handbook you'll learn how to set up the Arduino hardware and software to interact with LEDs, sensors, motors, LCD screens, lock systems, and fuses. Even if you've never programmed or played with electronics before you'll quickly learn to build projects like a lie detector, ultrasonic robot, weather station, an electromagnetic ghost detector, a programmable rocket launcher, even a joystick controlled laser.

Clear visuals and plain-English instructions throughout make The Arduino Project Handbook perfect for beginners, hobbyists, parents, and educators.