



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!



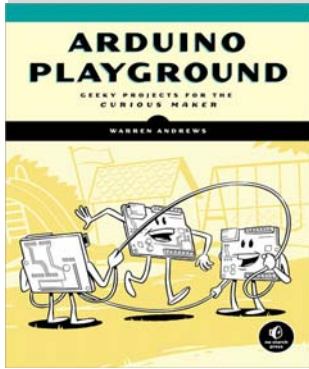
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Arduino Playground
Geeky Projects for the Curious Maker

Warren Andrews

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Technology & Engineering / Electronics / Microelectronics

Summary:

Arduino Playground will show you how to make gadgets with the Arduino hardware platform that you can use in your home, workshop, and even with your friends. Some projects are practical, others are pure fun—but all are designed to teach you something new about building with electronics.

You'll build 10 projects, including:

- A game that records how fast you can press a button
- A garage parking assistant that blinks when your vehicle is perfectly parked
- An automatic wristwatch winder decked out with bright, colorful LEDs
- A custom power supply that you can set to any voltage you need
- A testing device that can simulate sensor signals and feed them to a circuit

Each project kicks off with author Warren Andrews' own inspiration for the design and a guide to testing the basic circuit on a breadboard. Next, you'll find the code you need to make everything work, templates for circuit boards that you can make yourself, hands-on instructions for building permanent project enclosures, and plenty of opportunities for customization.

What are you waiting for? Think outside the box and start building some awesome Arduino projects.

