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!
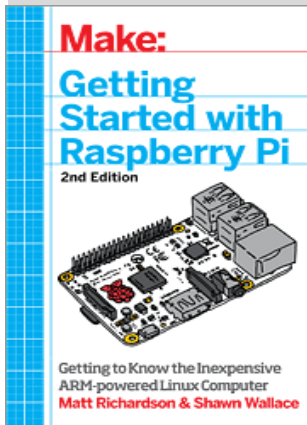

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Make: Getting Started with Raspberry Pi (2nd Edition)

Electronic Projects with Python, Scratch, and Linux

Matt Richardson & Shawn Wallace

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Summary:

What can you do with the Raspberry Pi, the affordable computer the size of a credit card? All sorts of things! If you're learning how to program--or looking to build new electronic projects, this hands-on guide will show you just how valuable this flexible little platform can be.

Updated to include coverage of the Raspberry Pi Model B+, Getting Started with Raspberry Pi takes you step-by-step through many fun and educational possibilities. Take advantage of several preloaded programming languages. Use the Raspberry Pi with Arduino. Create Internet-connected projects. Play with multimedia. With Raspberry Pi, you can do all of this and more.

In Getting Started with Raspberry Pi, you'll:

- Get acquainted with hardware features on the Pi's board
- Learn enough Linux to move around the operating system
- Start programming in Python and Scratch
- Draw graphics, play sounds, and handle mouse events with Pygame
- Use the Pi's input and output pins to do some hardware hacking
- Discover how Arduino and the Raspberry Pi can work together
- Create your own Pi-based web server with Python
- Work with the Raspberry Pi Camera Module and USB webcams