

Junk Box Arduino: Ten Projects in Upcycled Electronics

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Junk Box Arduino

We all hate to throw electronics away. Use your 5 volt Arduino and have fun with them instead! Raid your electronics junk box to build the Cestino (Arduino compatible) board and nine other electronics projects, from a logic probe to a microprocessor explorer, and learn some advanced, old-school techniques along the way. Don't have a well-stocked junk box? No problem. Nearly all the components used in these projects are still available (and cheap) at major electronic parts houses worldwide.

Junk Box Arduino is the ultimate have-fun-while-challenging-your-skills guide for Arduino hackers who've gone beyond the basic tutorials and are ready for adventures in electronics.

- You'll build the Cestino (it means *recycle bin*), and learn how Arduino compatibles actually work, and how to make your own
- You'll learn about eight bit ports and binary logic building the Larson (Memorial) Scanner
- You'll learn how transistors *really* work, and how to use them without frying them as you build and use the transistor analyzer
- You'll learn about TTL (Transistor-Transistor Logic), and see what the ubiquitous 7400 series logic chips actually do with the TTL chip tester you'll build
- You'll understand logic levels and that high does not always equal true because you can see them when you build a simple logic probe
- You'll learn how to interface EPROM and EEPROM/FLASH memory as you explore the contents of that old video game or BIOS EPROM
- You'll learn how ATA drives communicate by resurrecting that old PATA drive you kept from 10 years ago
- You'll build a role playing game dice roller with a two digit, 7 segment display and learn to use Arduino interrupts for pin multiplexing
- You'll learn how computers *really* work by connecting a Z80 microprocessor to memory and peripherals simulated by your Cestino. You'll even learn a little assembly language

Bonus materials include all the example sketches, the Cestino core and bootloader source code, and links to suppliers for parts and tools.



Shelve in:
Computer Hardware/General

User level:
Intermediate-Advanced

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Junk Box Arduino Ten Projects in Upcycled Electronics. Learning Linux System Administration Video Page. ISBN: \$ (ebook list price).Junk Box Arduino: Ten Projects in Upcycled Electronics Raid your electronics junk box to build the Cestino (Arduino compatible) board and nine other.Raid your electronics junk box to build the Cestino (Arduino compatible) board and nine other electronics projects, from a logic probe to a.Summary: We all hate to throw electronics away. Use your 5 volt Arduino and have fun with them instead! Raid your electronics junk box to build the Cestino.Arduino projects list (projects) Best list of arduino project along with sources we have published here. It includes arduino based battery charger, arduino.Junk Box Arduino: Ten Projects In Upcycled Electronics PDF.We all hate to throw electronics away. Use your 5 volt Arduino and have fun with them instead! Raid your electronics junk box to build the.thebuffalorockpile.com: Junk Box Arduino: Ten Projects in Upcycled Electronics () by James R. Strickland and a great selection of similar New, Used.Title: Junk Box Arduino Ten Projects in Upcycled Electronics - James R StricklandAuthor: James R StricklandUPC: Format.Find product information, ratings and reviews for Junk Box Arduino: Ten Projects in Upcycled Electronics (Paperback) (James R. Strickland) online on.Junk Box Arduino: Ten Projects in Upcycled Electronics by James R Strickland. Junk Box Arduino: Ten Projects in Upcycled Electronics. by James R Strickland.Junk Box Arduino: Ten Projects in Upcycled Electronics. Title: Junk Box Arduino: Ten Projects in Upcycled Electronics. Dust Jacket: False. Mild to Moderate.We all hate to throw electronics away. Use your five volt Arduino and feature enjoyable with them as an alternative! Raid your electronics junk.We all hate to throw electronics away. Use your 5 volt Arduino and have fun with them instead Raid your electronics junk box to build the Cestino (Arduino.enhance Algebraic you received the extensive Junk Box Arduino: Ten Projects in Upcycled or Was a potential favor. The review will find elected to certain.We all hate to throw electronics away. Use your five volt Arduino and feature enjoyable with them as a substitute! Raid your electronics junk.You can download Junk Box Arduino: Ten Projects in Upcycled Electronics by James R. Strickland for free here. This book available for all free-registered.Junk Box Arduino Ten Projects in Upcycled Electronics Book. Pages: Views : 3 Related PDF for Arduino. 20 Unbelievable Arduino Projects Book.Find great deals for Junk Box Arduino: Ten Projects in Upcycled Electronics: by James R. Strickland (Paperback,). Shop with confidence on eBay!.12 We all hate to throw electronics away. Use your 5 volt Arduino and have fun with them instead! Raid your electronics junk box to build the.

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