This almost complete compilation includes titles yet to be released (they have a month specified in the release date).

The entries are sorted by publication year and the first Author. Green-color titles indicate educational texts.

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Advance notices (years ≥ 2015). At page bottom, Related Works, HARDWARE, and LINKS:

16. Norris Donald,
*The Internet of Things: Do-It-Yourself at Home*
Projects for Arduino, Raspberry Pi and BeagleBone Black,

17. Oates Matthew,
*Arduino for Beginners*: How to get the most out of your Arduino,
including Arduino Basics, Arduino tips and tricks, Arduino projects, and more!

18. Perea Francis,
*Arduino Essentials*,

19. Phlibin Carrie A.,
*Advantures in Raspberry Pi*,

20. Price Santino,
*Troubleshooting Your AVR Based Arduino (UNO, MEGA, PRO-MINI)*,

21. Ramon Manoel C.,
*Intel Galileo Gen 2 and Intel Edison for Beginners: A Hands-on Introduction*,

22. Santos Rui, Perestrelo Luis M.C.,
*BeagleBone for Dummies*,

23. Sargent James K.,

24. Schwartz Marco,
*Internet of Things with Arduino: Build Internet of Things Projects Using the Arduino Platform*,

25. Schwartz Marco, Manickum Oliver,
*Programming Arduino with LabView*,

26. Scott Robert,
*Raspberry Pi 2 Beginners User Guide*,

27. Silverman Shea,
*Raspberry Pi Gaming*,
Design, create, and play all kinds of video games on your Raspberry Pi computer,

28. Sjogelid Massimo, Shiloh Michael,
*Getting Started with Arduino*,
The Open Source Electronics Prototyping Platform,

29. Bates Daniel,
*Raspberry Pi Projects for Kids*,

30. Blum Richard,
*Arduino Programming in 24 Hours*, in Sams Teach Yourself,

31. Bradbury Alex, Everard Ben,
*Learning Python with Raspberry Pi*,

32. Holmes Adaam,
*Raspberry Pi for Beginners: Everything You Need to Know to Get the Most Out of Your Raspberry Pi*

33. Ibrahim Dogan,
*Raspberry Pi Advanced Programming*,

34. Karvonen Kimmo, Karvonen Tero,
Getting Started with Sensors: Measure the World with Electronics, Arduino, and Raspberry Pi,

39. Karvinen Tero, Karvinen Kimmo, Valtokari Ville,
Sensors: Projects and Experiments to Measure the World with Arduino and Raspberry Pi,

40. Kurniawan Agus,
The Hands-on Intel Edison Manual Lab,

Getting Started with pcDuino3,

42. Kurniawan Agus,
The Hands-on Intel Edison Manual Lab,

43. Kurniawan Agus,
Getting Started with Intel IoT and Intel Galileo,

50. Monk Simon,

Raspberry Pi Cookbook

51. Monk Simon,

Programming the BeagleBone Black: Getting Started with JavaScript and BoneScript,

52. Monk Simon,

The TAB Book of Arduino Projects: 36 Things to Make with Shields and Proto Shields,

53. Popiel Glen,
Arduino for Ham Radio;
A Radio Amateur's Guide to Open Source Electronics and Microcontroller Projects,

54. Purdum Jack, Kidder Dennis,
Arduino Projects for Amateur Radio,

55. Quan Ronald,
Electronics from the Ground Up: Learn by Hacking, Designing, and Inventing,

56. Ramon Manoel C.,

Intel Galileo and Intel Galileo Gen 2: API Features and Arduino Projects for Linux Programmers,

57. Reichel Andreas J.,

Building a BeagleBone Black Super Cluster,

58. Richardson Matt,

Getting Started with Intel Galileo,
Year 2013


83. Nussey John,
### Year 2013


### Year 2012


### Year 2011


### Year 2010


**Year 2009**


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**Related works**


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**HARDWARE for generic and advanced TINKERING**


5. *Arduino + LabVIEW Bundle*.

6. *Arduino ATmega2560-16AU board for Arduino EK6009, from Gikfun*.

7. *Netduino Plus 2*.

8. *PcDuino V3 1GB ARM Cortex A7 Dual-Core, compatible with Arduino start kit*.


10. *Raspberry Pi 2 (1 GB) Starter Kit* (by CanaKit).

11. *Raspberry Pi 2 Model B Project Board - 1GB RAM - 900 MHz Quad-Core CPU*.

12. *Banana Pi Dual Core Raspberry Pi-like development board*.


14. *Intel Galileo Gen 2 Board*.

15. *Intel Edison Breakout Board Kit*.

16. *Intel Edison Kit for Arduino*.

17. *Beagleboard Black Starter Kit*.

18. *Beaglebone Black Devkit*.

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**SENSORS, TRANSDUCERS and ACTUATORS**

1. *Arduino 37 modules sensor kit with extension prototyping board* (by SunFounder)

2. *Raspberry Pi 37 modules sensor kit with extension prototyping board* (by SunFounder)

3. *ADCs*: 16 bit/4-channels/ 860 samples/s (by Adafruit, $19)

4. *Relays*: 4-channels 5V/20mA drivers, AC250V/10A or DC30V/10A outputs universal (by SainSmart)

5. *Relays*: 5-channels 5V/20mA drivers, AC250V/10A or DC30V/10A outputs universal (by SainSmart)

6. *Relays*: 16-channels 5V/20mA drivers, AC250V/10A or DC30V/10A outputs universal (by SainSmart)
7. **Camera Board Module** Raspberry Pi 5 MP (by Raspberry Pi)
8. **Motion sensor** for Arduino or Raspberry Pi (by Adafruit)
9. **Smart Vision Sensor - Object Tracking Camera** for Arduino, Raspberry Pi, BeagleBone Black (by Charmed Labs and CMU)
10. **Wireless Transceiver 2.4 GHz, 2x nRF24L01**, Arduino and Raspberry Pi compatible (by Addicore)

**ADVANCED TINKERING**

1. **Parallella-16 Micro-Server** (by Adapteva)
2. **Parallella-16 Desktop Computer** (by Adapteva)

**FPGA boards and accessories for still another kind of advanced TINKERING**

1. Xilinx Spartan 3A FPGA Development Board Elbert V2 (by Numato Lab)
2. Xilinx Spartan 3E FPGA Starter board (by Digilent)
3. Xilinx Spartan 3E FPGA 100K Development Kit, Basys2 (by Digilent)
4. Altera Cyclone II Fpga Starter Development Kit (by Altera)
5. Altera Cyclone II Fpga Mini Development Kit (by RioRand)
6. Altera Cyclone III Fpga Development Board (by Clarity)
7. Altera Cyclone IV Fpga Development Learning Board (by RioRand)
8. USB Blaster Altera (by RioRand)

**LINKS**

1. **Arduino home page**
2. **Arduino on Wikipedia**
3. **Arduino hardware on Amazon**. Buy boards, shields, sensors, actuators, accessories, ...
4. **Raspberry Pi home page**
5. **Raspberry Pi on Wikipedia**
6. **Raspberry Pi hardware on Amazon**. Buy boards, sensors, actuators, accessories, ...
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13. **Intel Edison home page**
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17. **AVR-Firmware Random Numbers Generation**