Other Development Platforms cont.

Colour Maximite BASIC Computer Kit

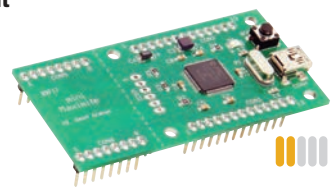


(SC September '12) Fully upgraded Maximite design, see below for list of upgrades. Ideal for datalogging, monitoring and switching relays. Utilising the new Microchip PIC32 processor, this powerful embedded computer can read/save programs on an SD card. A keyboard input and video output is provided, plus 20 digital/analog inputs and outputs. Utilises BASIC programming language allowing a massive scope of applications. For ease of construction, the main chip is been pre-soldered. Requires 9V DC plugpack (fitted with 2.5mm tip). SD card sold separately.

Upgrades over original Maximite • Colour VGA output 480x432 pixels with 8 colours • Stereo audio synthesiser • Battery backed real-time clock • Arduino compatible connector with an additional 20 independent I/O lines • 2-channel audio/analog/PWM analog output • Special commands for animated games

Price Each		RRP	4+
K 9555		94.95	85.45

Mini-Maximite BASIC Computer Kit



(SC Nov '11) The idea behind the mini-Maximite is simple: to shrink the Maximite down to the size of a large postage stamp while keeping it 100% compatible with the larger version in its external I/O capabilities and programming language. Ideal way to embed maximite functionality into a project design.

Price Each		RRP	5+
K 9552		49.95	44.95

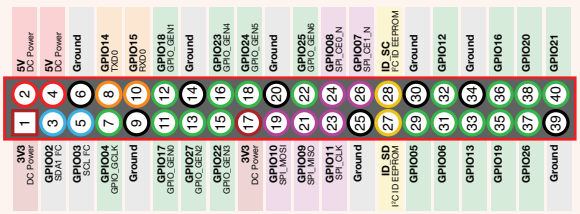
Latte Panda® SBC With Windows 10



LattePanda is a powerful single board computer development platform which can run Windows 10, Linux and Android. It features the Intel Atom CherryTrail processor and provides the full functionality of a regular PC! It also features an Arduino compatible co-processor allowing you to control the physical world just like an Arduino board. The LattePanda is great for IoT developers, DIY hardware gurus, designers and makers. Includes Windows 10 license.

Price Each		RRP
Z 6562	Latte Panda Board Only	319.00
H 6415	Latte Panda Clear Acrylic Case	16.95

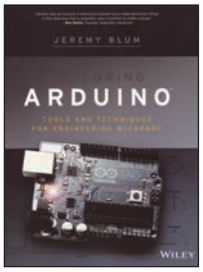
Raspberry Pi 3 GPIO



The diagram on the right lists the header pins available on the Raspberry Pi. Pin 1 on circuit boards can typically be identified by the square-shaped pad on the underneath of the board. The Raspberry Pi has digital inputs/outputs on its 40-pin connector that comply with 3.3V logic levels. For more info visit www.raspberrypi.org

Books For Electronics

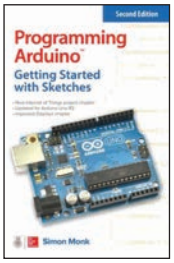
Exploring Arduino Tools & Techniques For Engineering Wizardry



Exploring Arduino will walk you through specific lessons in electrical engineering, programming and human-computer interaction to allow you to create a series of increasingly sophisticated projects. All the while teaching techniques that will allow the builder to create their own unique projects and applications. Full schematics, tutorial videos, code downloads, and more at the companion website: www.exploringarduino.com 357 pages.
Jeremy Blum

Price Each			RRP
B 2466			59.95

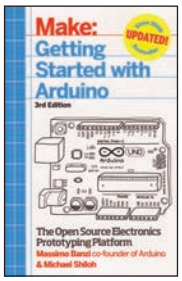
Programming Arduino Getting Started with Sketches 2nd Ed.



An introductory Arduino programming guide for artists and hobbyists. Leads readers from basic through to advanced C programming concepts. Fast-paced tutorials for developing working Sketches (the name given to Arduino programs). Fills the gap in the market left by the many books that concentrate mainly on the hardware side of using Arduino. Filled with dozens of examples that can be used as-is or modified - all code available for download. 208 pages. **Simon Monk**

Price Each			RRP
B 2468A			25.95

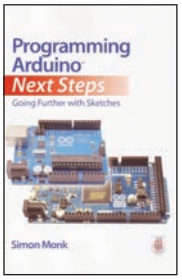
Getting Started With Arduino - 3rd Ed.



Arduino is the open-source electronics prototyping platform that's taken the design and hobbyist world by storm. This thorough introduction gives you lots of ideas for projects and helps you work with them right away. From getting organized to putting the final touches on your prototype, all the information you need is here! Join hundreds of thousands of hobbyists who have discovered this incredible (and educational) platform. Written by the co-founder of the Arduino project. 245 pages. **Massimo Banzi**

Price Each			RRP
B 2469A			39.95

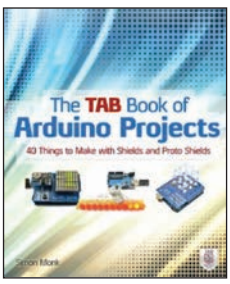
Programming Arduino Next Steps



In this hands-on guide, electronics author Simon Monk unlocks the intricate details of Arduino and explains professional programming secrets. Models covered include the Arduino Uno, Leonardo, and Due boards, Reveals how to use interrupts, manage memory, program for the internet, maximize serial communications, perform digital signal processing, and much more. All of the 75+ example sketches featured in the book are available for download. 162 pages.
Simon Monk

Price Each			RRP
B 2467			29.95

The Tab Book Of Arduino Projects



The definitive collection of Arduino projects for the hobbyist and experimenter, Catapults your Arduino skills to the next level. You'll learn how to design custom circuits with Proto Shields and then solder parts to the prototyping area to create professional devices. It's the perfect platform for the maker who wants to present more polished work. Unlike much of the material found on the Internet, this book provides complete and reliable instructions for trustworthy, durable projects. 400 pages. **Simon Monk**

Price Each			RRP
B 2465			44.95