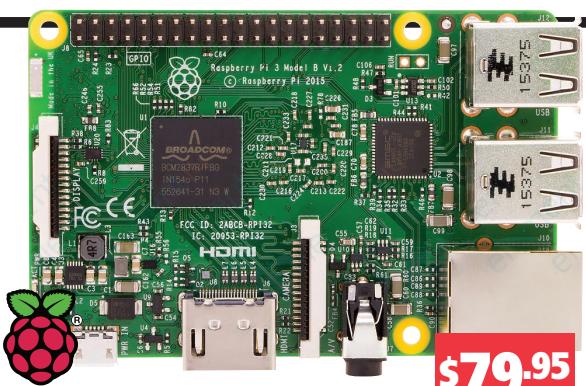


Make Your Mark

July 2017

ALTRONICS
Build It Yourself Electronics Centre®



\$79.95

Z 6302B

Raspberry Pi® 3 Model B

The latest generation single board computer is here - and more powerful than ever before! Compared to the Pi 2 the Pi 3 has an improved 1.2GHz 64-bit quad-core ARMv8 CPU, 802.11n Wireless LAN, Bluetooth 4.1 and Bluetooth Low Energy (BLE). And to make things easy, the board layout is identical to the previous model!



NEW!



\$125

Raspberry Pi® Starter Platform Kit

A handy starter kit for educators or Pi newbies. Includes a Raspberry Pi board, red acrylic base, 5V 3A power supply, GPIO breakout & breadboard.



NEW!

\$15.95

Raspberry Pi® VESA Mount

A versatile acrylic bracket for mounting the R-Pi behind monitors - with or without a bracket! VESA 75 & 100mm compatible. Includes cable ties & holes to secure leads. Case sold separately, H 8957 \$11.75.



Raspberry Pi® Official 7" TFT Touchscreen

\$152

Z 6309



Create all-in-one, integrated projects such as tablets, infotainment systems and embedded projects. 800x480 resolution. 10 finger capacitive touch.

\$69.95

T 2163

NEW!

Electronics Starter Tool Kit

A jam packed 20 piece starter kit including soldering iron, multimeter, solder sucker, wire stripper, cutters, pliers and more! Ideal for beginners & enthusiasts.

T 4015

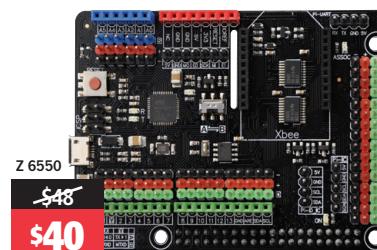
\$13.65

\$12



Never lose a tiny screw again!

This magnetic workmat keeps those tiny screws and washers in place when servicing. 25x20cm. Includes marker.



Arduino Expansion Shield for R-Pi

Mash the two worlds of Arduino and Raspberry Pi together using this handy expansion shield with onboard atmega32u4 and X-bee slot.

T 1090 0.5mm
T 1100 0.8mm
T 1110 1.0mm
T 1122 1.6mm



\$29
Any 2 for \$25

Quality Resin Core Solder

Premium grade for leaded soldering. 200gm reels. 60% tin, 40% lead.



NEW!

\$13.95

The Pocket Hero is here!

This nifty 12 in 1 pocket sized saviour helps you fix lifes little problems then folds up to the size of a pack of gum! Includes belt pouch.

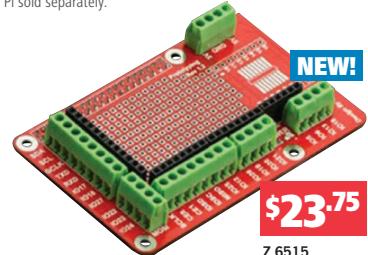


NEW!

\$12

ProtoHAT for Raspberry Pi®

A HAT board with soldermasked 0.1" holes and stackable header so you dont lose access to the GPIO pins. Slots included for display & camera cables. Pi sold separately.



NEW!

\$23.75

Z 6515

Raspberry Pi Prototyping HAT

Provides easy screw terminal connection for GPIO pins, plus a solder pad prototyping area.



NEW!

\$27.45

\$19.95
\$16

Smaller than a 20¢ coin!

Z 6530

\$25



Z 6522

Smaller than a 20¢ coin!

\$25

FTDI USB Lead

A simple way to connect TTL serial devices to USB inputs.

Official Raspberry Pi Reseller. Shop in store or online!

Cut, Polish, Grind, Sand & Carve!

Micron® 172pc Rotary Tool Kit

This workbench essential is just the shot for electronics projects, crafts, hobbies and odd jobs around the house! Powerful 130W motor (this is a **real power tool!**) with variable speed between 8000 and 33000 RPM. Included is a massive accessory kit of grinding wheels, drills, cutters, sanding discs, polishing pads and more! And it all stows safely away in a hard plastic carry case.

\$74.95

T 2120



NEW!

Build the ultimate electronics workbench!



Ioda® Butane Powered Heat Gun

A high output butane powered hot air gun with two nozzle attachments ideal for heatshrinking, bending and forming of plastics, paint and solvent removal, auto body and interior repair, general heating and drying. • One-click ignition • 550°C output • Integrated protective collar and bench stand. • Refillable 160g bottle offers 3 hour run time.

**NEW
LINE!**

\$119

Ultimate 6 In 1 Maker Pens

Show the world you're serious about building! Features a pen, scale rulers, tablet stylus, blade screwdriver, philips screwdriver. T 1924 (yellow) also features a spirit level. T 1925 (black) includes bottle opener. All housed in a tough metal casing.

T 1924 Spirit Level

\$18

T 1925 Bottle Opener

\$16

Ioda® Butane 4 Pack

Stock up the workbench with this value pack of quality double scrubbed butane. Doesn't clog your tools like the cheap stuff!

T 2451

**SAVE
12%**

**4 for
\$28**



**Designed for
electronics use**

T 2749

\$58

\$44

Tungsten 5" Side Cutters

Ideal for cutting solid core steel, copper & piano wire. HRC72° hardened jaws.

30hr run time!



The Amazing Blocklite™

A piercing bright LED torch that's amazingly small and runs from standard 9V battery (included).

T

4021

\$47.95

\$38

\$47.95

\$38

ESD Safe Workbench Matting

An workbench essential! 1m x 0.5m with anti-static wrist strap.

www.altronics.com.au | 1300 797 007

NEW!



T 2418A

\$145

SAVE \$24

Upgrade your old clunker iron!

This excellent multi purpose 80W soldering iron is ideal for service technicians, schools, engineers, R&D etc. Japanese long life ceramic element. 200°-480°C. 0.8mm tip. 2 year warranty.



M 8303
0-30V 3A

\$159

\$109



M 8305
0-30V 5A

\$189

\$139

Compact Lab Power Supplies

Great for servicing, repair and design of electronics. Low noise switchmode design. Fine & coarse voltage and current controls. Size: 85Wx160Hx205Dmm.

**SAVE
\$50**



\$58.50

\$42

Handy Auto Ranging DMM

Simplicity & functionality in one compact test device. 10A DC current. 1Hz-30MHz counter. Includes test leads & temp probe. Great for students!



NEW!

\$315

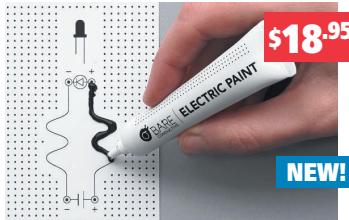


\$79

\$60

Amazingly compact handheld 10Mhz oscilloscope!

Velleman® HPS140MK2. Don't let the size fool you, this oscilloscope packs a lot of features into a tiny device. A must have for the serious enthusiast or technician on the go! Up to 8hr operation from 4 x AAA batteries (\$ 49.00 lithium \$4.95 2pk).



\$18.95

Bare Conductive® Paint Pen

Draw real circuits on almost any surface! Great for repairs or experimenting. 10ml tube.

T 3132

Serving makers since 1976.

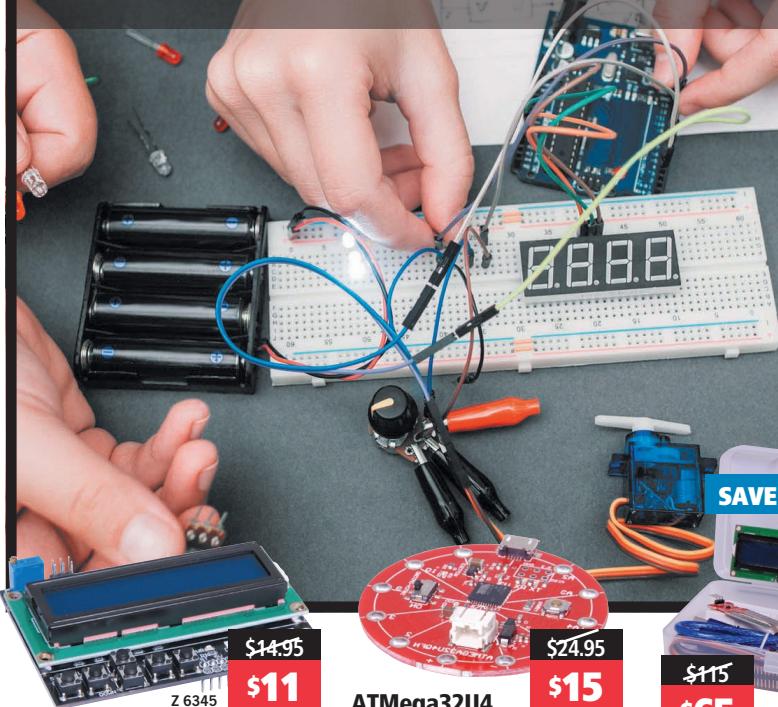
DeOXIT D5 Spray

The gold standard in electronic servicing sprays. Deoxidises, cleans, preserves contacts & joins. Increases conductivity for the best performance from your equipment! 142g.



\$39.50

Create & Build With Arduino®



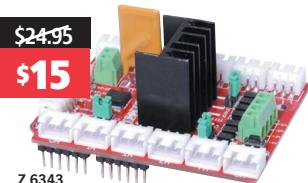
Screen & Keyboard Shield

A 16x2 black character screen with green backlight. Push buttons are provided for up, down, left, right and select. Ideal for scrolling and selecting menu options.



Gamepad Controller Shield

A joystick and button controller which plugs directly onto an Arduino UNO. 3V3/5V input.



L298 H-Bridge Motor Shield

Uses an L298 H-Bridge designed to drive relays, solenoids, DC and stepping motors. It can also drive two DC motors. 5V input.



ATMega32U4 LilyPad Board

The 'lilyPad' form factor allows easy building of sewable electronics and e-textile projects. Can be used with Z 6368 LED sequins (\$4.95 5pk).



ATMega328P LilyPad Board

Great for moving UNO based designs & code into e-textile projects. Can be used with LED sequins (\$4.95 5pk).



Breadboard Power Board

Makes the most of your breadboard space. 3.3V/5V DC. Powers both busses. USB input or 6-12V input via 2.1mm jack.

Prototyping Wire Packs

Handy packs of pre cut and trimmed solid core wire for breadboarding your next big design!

\$14.95 **\$26.95**
P 1014A 140pc P 1018A 350pc

NEW!

Arduino Starter Platform Kit

A handy starter kit for educators or Arduino newbies. Includes an Arduino UNO compatible board, blue acrylic base, 5V 2A power supply, USB lead, breadboard, 65pcs of jumper leads & hardware.

K 9615 **\$70**



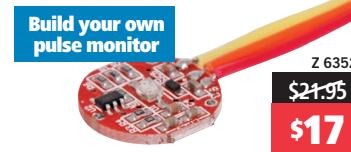
SAVE \$50



\$115 **\$65**
Z 6313

Arduino Display & Sensor DIY Kit

Includes a UNO compatible dev board, 16x2 LCD module, breadboard & an array of sensors for experimenting!



Build your own pulse monitor

Z 6352 **\$21.95** **\$17**

Heart Rate Monitor Sensor

Great for DIY eHealth projects. Uses an IR LED & optical transistor to detect pulse on the surface of the skin. 3-5V input. 15mmØ.



P 1012A 1660 Hole **P 1015A 2309 Hole**

Serious Breadboards!

Huge breadboards with aluminium bases for those designs that are beyond the scope of your average breadboard!

\$42.50 **\$33** **\$47.95** **\$38**

\$175



SAVE \$20

SparkFun® Inventors Kit 3.2

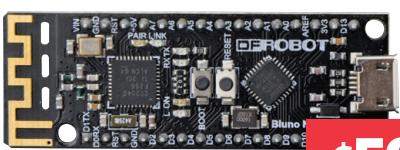
The SparkFun Inventor's Kit is a great way to get started with programming and hardware interaction with the Arduino programming language. It includes everything you need for 16 circuits that will teach you how to read sensors, display info on an LCD, drive motors, and more. No experience required!



Z 6280 **\$43.95**

Arduino® UNO R3

Official UNO R3 board featuring the immensely popular atmega328p chip. The board of choice for educators worldwide!



Z 6532 **\$59**

Bluetooth® Arduino Nano

The Bluno Nano offers a compact atmega328p platform with in-built Bluetooth 4.0 low energy for easy connectivity. Just 53x19mm in size - great for portable designs.

No hassle 14 day money back guarantee on all purchases!

Get Creative with EL Wire!

A favourite of e-textile builders providing a way to light up costumes, decorations and DIY signs. All sold in 3m rolls. Works with X 4101 controller which is powered by 2xAA batteries (\$ 4906 long life lithium AA \$4.95 2pk).



- X 4105 Green
- X 4106 Blue
- X 4107 Red
- X 4108 White

\$11.95
3m Roll

X 4101 Controller \$9.95

SAVE 20%

NEW!

\$13.50

Acrylic Sheets
New coloured 3mm acrylic sheets to feed to your laser cutter. Make your own enclosures and more! 199x199mm.

- H 0725 Clear.
- H 0726 Red Transparent
- H 0727 Blue Transparent
- H 0730 White
- H 0731 Black
- H 0732 Yellow



High Temperature Polyimide Tape

Great for 3D printing, leaves no residue in high temperature masking applications.

Model	Width	RRP
T 2971	8mm	\$10.50
T 2973	12mm	\$12.95
T 2974	16mm	\$14.25
T 2975	24mm	\$18.50

Young Makers!



Solderless Educational Kit

This kit is the first step into the world of modern electronics. Build your own circuits in a fun, safe and educative way. Contains a breadboard and all necessary components to start assembling your first circuit. 10 projects to build.

NEW!

\$26.50

K 8128

Build yourself an Aussie icon!

Robot Frilled Neck Lizard Kit.

Build it up and have it follow you like a pet. Or sneak up and surprise it, making it spread its frill. 37cm long. Requires 4xAAA. Age 8+

Solar Powered Wild Boar Kit

A basic solar DIY toy, it is ideal for a do-it-yourself science fair, after-school, or workshop project with the bonus of learning mechanical transmission and electrical motor theory.

NEW!

\$19.95

K 1138



\$49.95

K 1119

'Learn To Solder' Zoo Animals Kit

Contains everything you need to create simple circuits & learn to solder. Play with LEDs, battery & bring each of the six animals to life! Age 6+



\$39.95

K 2546

\$25

130 in 1 Electronics Learning Lab

A comprehensive learning lab with many hours of building an experimenting. Build a radio, broadcast station, organ, kitchen timer, logic circuits & more. Requires 6xAA batteries (\$ 4906 lithium 2pk \$4.95ea)



SAVE \$40

\$99

K 2208

Builder Parts & Accessories

Tinker Part Pack

A huge assortment of parts for experimenting and building. Includes diodes, LEDs, switches, resistors, caps, strip board, a motor & more. Normal RRP value \$55!

\$30

NEW!

K 9640



NEW!
\$49.95

A 0287

Lithium/NiMH Cell Charger
With 5V USB (use charged cells as a power bank). Car or mains use. Suits AAA/AA/C NiMH & 10440 to 26650 lithium.

NEW!

\$19.50

S 4734

18650 High Output Lithium

3.7V 2500mAh. High current (20A) discharge type for e-cigs. 18.60 x 65mmL.



\$24.95
\$19

S 4738

Protected 18650 Battery

3.7V 2600mAh. Li-Ion. Internal short circuit protection. 18.60 x 69mmL.



\$19.50
\$14

S 4732 With Tags

S 4736 Standard

18650 Lithium Batteries

3.7V 2600mAh. As used in many high power LED flashlights etc. Unprotected. 5.2A discharge current. 18.60 x 65mmL.

Conductive Copper Tape

A multitude of electronic uses - create low-profile component traces, RF-shielding, antennas etc. 0.07mm thick. 15m length.

\$45

\$7.95

T 2982 50mm T 2980 5mm



NEW!
\$19.95

K 1138

Prices valid until July 31st 2017

1300 797 007

www.altronics.com.au

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B 0088