

▼ Arduino Development Kits

165pc Learning Lab Kit For Arduino



A handy parts kit containing everything you need to start learning Arduino and building projects. Includes a huge selection of sensor boards, LEDs, pots, jumper wires, a breadboard, LCD screen and much more! A handy storage case keeps it neat when you're finished building. See website for full contents list. Includes links to projects and example code.

Price Each	RRP	2+	4+
Z 6315	109.00	99.00	87.50

DIY Geek Kit For Arduino



A comprehensive tinkers parts kit for learning how Arduino works. It includes an Arduino UNO compatible board, proto-shield, alphanumeric LCD, dot matrix LED module, 7 segment displays, two breadboards, stepper motor, servo, IR remote, connection leads, battery box and a variety of components, buttons and sensors. See website for full contents list and more information.

Price Each	RRP	2+	4+
Z 6314	115.00	103.50	92.00

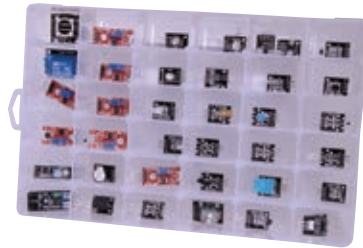
Tinker Parts Pack



A huge assortment of parts for experimenting and building. Includes diodes, LEDs, switches, resistors, caps, strip board, a motor & more. Great for breadboarding new designs or learning about how circuits work. Great for schools and learning labs. Normal RRP value \$55!

Price Each	RRP	2+
K 9640	30.00	27.80

37 In 1 Sensor Kit For Arduino

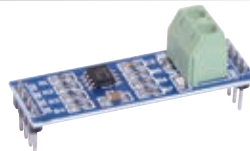


A huge array of sensors for building into your Arduino project design. All feature standard pin headers for easy connection. The kit includes boards such as 1 channel relay, joystick, temp/humidity sensor, rotary encoder, microphones, hall effect sensor and much more! See website for full list and more information.

Price Each	RRP	2+	4+
Z 6311	119.00	109.00	99.00

▼ Serial Communication

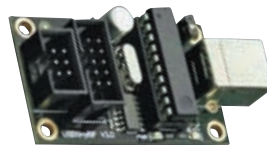
TTL To RS485 Breakout



A TTL to RS485 breakout module for connecting an Arduino or similar microcontroller to RS485 equipped devices. 5V input. 44L x 14Wmm.

Price Each	RRP	2+	4+
Z 6364	5.95	5.35	4.75

DFRobot USB Bootloader



A USB AVR programmer supported by official Arduino IDE. Ideal for programming new or old ATmega chips. Works with all the AVR micros supported by AVR-DUDE. Both 10-pin and 6-pin targets supported (cable included). Based on USBtiny code & design V2.0.

Price Each	RRP
Z 6540 DFR0116	33.00

DFRobot FT232 USB To TTL Serial Lead

Features a FT232 conversion chip, which has high precision, outstanding stabilization, and anti-interference. It can provide 5V power output with a self-resetting fuse to protect your device.



Price Each	RRP
Z 6522	30.95

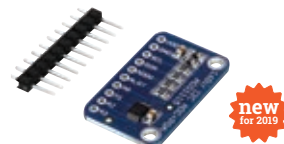
RS232 Serial To TTL Converter



A bi-directional converter to shift between serial and TTL communication. 3-5V input. Max baud: 150kbps.

Price Each	RRP	2+	4+
Z 6369	9.95	9.00	8.00

ADS1115 Analog-to-Digital Breakout



new for 2019

A 4-channel breakout board designed for adding high-resolution analog to digital conversion to any microprocessor-based project. Controlled from a standard 2 wire I2C bus providing 8 differential channels or 16 single end channels. 2-5V input logic.

Price Each	RRP	2+	4+
Z 6221	14.95	13.50	11.95

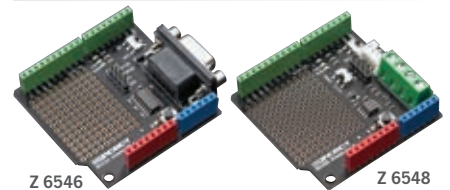
Serial To OBD II Interface Lead



The OBDII interface is commonly found on modern vehicles, this handy lead provides a standard serial output for connection to a PC or other device for logging various engine parameters. 1m length.

Price Each	RRP
Z 6558	18.00

Serial Communication Shields



Z 6546

Z 6548

These shields especially designed for the Arduino controller board can easily convert UART/Serial protocol to RS232 or RS485 protocol. Allows Arduino easy access to industry standard protocol. Includes prototyping area.

Price Each	RRP
Z 6546 RS-232 (DFR0258)	23.75
Z 6548 RS-485 (DFR0259)	24.00

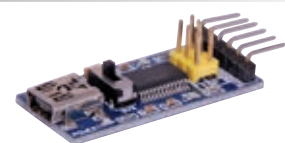
FTDI USB Breakout Module



FT232RL USB to serial 232 TTL adapter modules for programming boards without onboard USB. Works with official and cloned Arduino boards.

Price Each	RRP
Z 6212 5V	19.95

FTDI USB Breakout Module



FT232RL USB to serial 232 TTL adapter module with selectable 3.3V or 5V operation. On board TX/RX indicators. Works with official and cloned Arduino boards.

Price Each	RRP	2+	4+
Z 6225 3.3V / 5V	17.95	16.20	14.40