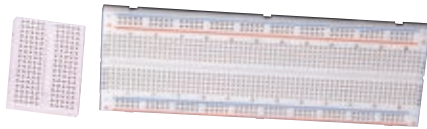


Breadboards



P 1020

P 1009A

Standard 0.1 inch spacings. Accepts all ICs, transistors, diodes, LEDs and passive components. Uses solid hook up wire for connections. Boards can be ganged together for easy expansion. P 1020 fits between the headers on shield development boards.

Price Each	Holes	RRP	4+	10+
P 1020	170	4.95	4.50	4.40
P 1002	400	12.50	11.25	10.00
P 1005A	630	13.50	12.15	10.80
P 1009A	830	14.95	13.50	11.95

Prototyping Breadboard Wire Packs

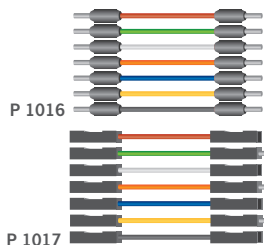


P 1014A

Multi-colour reusable leads for prototyping and working with breadboards. Assorted lengths in a handy plastic case with separate compartments. P 1014A is the perfect size for students.

Price Each	RRP	4+	10+
P 1014A 140pcs	14.95	13.50	12.00
P 1018A 350pcs	26.95	25.50	24.95

Prototyping Wire Packs



P 1016

P 1017

Multi-colour reusable leads for prototyping and working with development shields. Available in pin to pin pack or pin to socket/socket to socket mixed pack.

Price Each	RRP	4+	10+
P 1016 Pin to Pin 65pcs	5.95	5.35	5.00
P 1017 Mixed 60pcs	10.95	9.90	8.95

30 Way Prototyping Ribbon Strips



P 1022



P 1023

Keeps your cables neater, peel off as many as you need for prototyping your design. Available in pin to pin or socket to socket type.

Price Each	RRP	4+	10+
P 1022 Pin to Pin 175mm	4.50	4.05	3.60
P 1023 Socket to Socket 150mm	4.50	4.05	3.60

Environmental Breakouts

Digital Temperature Sensor Breakout

Utilises the DS18B20 temp sensor for 0.5°C accurate readings over -55°C to 125°C range. User definable alarm. 3-5V input. 30L x 23Wmm.



Price Each	RRP	2+	4+
Z 6389	9.95	9.00	8.00

Temperature & Humidity Sensor

A compact 5V temperature and humidity sensor add on. -40°C to 80°C (±0.5°). Humidity 20-90% (±2%).



Price Each	RRP	2+	4+
Z 6320	14.95	13.50	11.95

Waterproof Digital Temperature Sensor



A DS18B20 temp sensor housed in a stainless steel housing for use in liquids or moisture prone areas. -55°C to 125°C range. User definable alarm setting. 1m lead. 3.3-5V input.

Price Each	RRP	2+	4+
Z 6386	9.95	9.00	8.00

UVM-30A Ultra Violet Light Sensor



Ideal for projects requiring UV level monitoring. 3-5V input. 0-1V output. 200nm-370nm response wavelength. Size: 28 x 12 x 10mm.

Price Each	RRP	2+	4+
Z 6397	34.95	31.50	28.00

Light Sensor

A light dependant resistor for measuring ambient light levels & providing a trigger for relays. 3.3-5V input.



Price Each	RRP	2+	4+
Z 6323	9.95	9.00	8.00

Light Interrupt Sensor

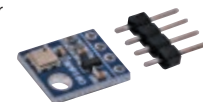
A light beam sensor board which triggers when the beam is broken. 3.3-5V input. 26L x 15Wmm



Price Each	RRP	4+	8+
Z 6326	9.95	9.00	8.00

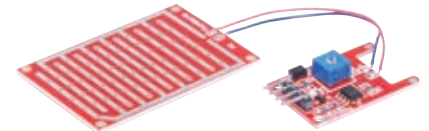
Barometric/Air Pressure Sensor

Utilises the BMP180 sensor for accurate air pressure measurement from 300-1100hPa (+9000m to -500m). 1.8-6V input. 35x20mm.



Price Each	RRP	2+	4+
Z 6395	14.95	13.50	12.00

Rain Sensor Breakout



This rain sensor board detects moisture and can be used for triggering a relay buzzer or fan. TTL level output. Output drops low when rain is detected. 100mA output. Adjustable sensitivity. Rain sensor board 50L x 35Wmm. 5V input.

Price Each	RRP	2+	4+
Z 6378	7.95	7.20	6.30

Soil Moisture Sensor Breakout



Detects soil humidity levels - a handy little sensor for building automated watering and retic systems. 3.3-5V input. Note: typical lifespan of about a year when left in soil permanently. 58L x 20Wmm.

Price Each	RRP	2+	4+
Z 6379	4.95	4.50	4.00

Mini 0.75W 1.5V Solar Project Panel



A small hobby solar panel designed for use in solar powered projects such as battery chargers, robots, science learning etc. Epoxy encapsulated for added protection. Fitted with 100mm bare end flyleads. 500mAh, 1.5V output. 120 x 62mm.

Price Each	RRP	2+	4+
N 0720	13.95	12.50	11.15

Movement & Distance Breakouts

PIR Movement Sensor

Great for security or web cam projects. Detects movement from humans or animals. Range 0-7m. Detector angle 110°. 5V input. 32x24mm.



Price Each	RRP	2+	4+
Z 6382	11.95	10.80	9.60

MPU-6050 6 Axis Accelerometer & Gyro



Combines a 3-axis gyroscope and a 3-axis accelerometer on the same chip for an all in one breakout board solution for designs requiring motion processing. 3 - 5V DC input. Includes pin headers. Gyroscope range: +/- 250-2000 degree/sec. Acceleration range: +/- 2g to 16g.

Price Each	RRP	4+	8+
Z 6324	19.95	18.00	16.00