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	10.95	9.85	9.20

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.

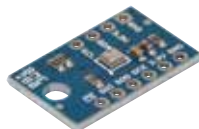| Price Each	RRP	2+	4+
Z 6389	10.95	9.95	8.95

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	21.95	19.75	17.75

BME280 Weather Sensor

An compact and accurate temperature, humidity & air pressure sensor for environmental monitoring. ±1.0°C, ±1hPa. 3.3V input.

Price Each	RRP	2+	4+
Z 6455	37.50	33.95	29.95

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	11.50	10.50	9.20

Light Interrupt Sensor

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

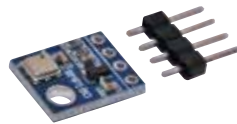| Price Each	RRP	4+	8+
Z 6326	9.95	8.95	7.95

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	40.25	36.25	32.25

Barometric/Air Pressure Sensor

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

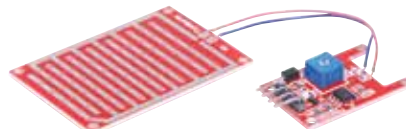| Price Each	RRP	2+	4+
Z 6395	17.25	15.75	13.95

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	4.45	3.95

Rain Sensor Breakout

This rain sensor board detects moisture and can be used for triggering a relay, buzzer or fan etc. 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	7.15	6.35

Important Note For All Customers

Our electronic enthusiast staff are generally able to offer valuable advice as to applications of our products and components. However we cannot be held responsible for any errors, or misunderstandings which may arise from such advice. We are not chartered engineers and do not charge for any technical opinions offered. We invite customers to seek independent professional assistance on complex circuits or applications.

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 6382A	6.95	6.50	6.25

ADXL345 3 Axis Accelerometer

The ADXL345 is well suited for mobile device applications. It measures the static acceleration of gravity in tilt-sensing applications, as well as dynamic acceleration resulting from motion or shock. Its high resolution (4 mg/LSB) enables measurement of inclination changes less than 1.0°. 3 - 5V DC input. Acceleration range: +/- 2g to 16g.

Price Each	RRP	2+	4+
Z 6321	12.95	11.65	10.35

Ultrasonic Distance Sensor

A proximity/distance sensor for object avoidance in applications from robotics to car parking. 5V DC. 20-4500mm detection distance with 3mm resolution.

Price Each	RRP	2+	4+
Z 6322	7.95	7.15	6.35

LSM303D 3 Axis Compass & Accelerometer

A handy movement and orientation module in a single sensor, utilising the popular LSM303D chip. Includes unsoldered headers. 3-5V input.

Price Each	RRP	2+	4+
Z 6391A	17.25	15.75	13.95

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	22.95	20.75	18.50