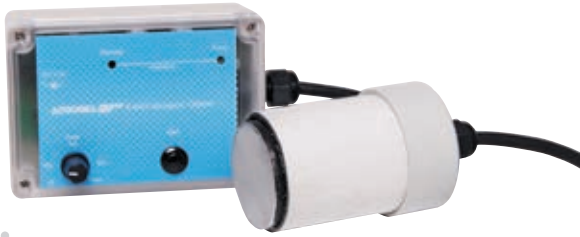


## ▼ Specialist Kits

**High Power Ultrasonic Cleaner Kit**

**(SC August '10)** Build this large, heavy duty ultrasonic cleaner and blast away grime from virtually anything, using just water & a little household detergent. Sensor can be dunked into a bucket of water for cleaning large objects. Great for cleaning car parts, bric-a-brac and more! Requires 12V DC 2.5A plugpack (fitted with 2.5mm tip). Main unit size: 125Lx85Wx55Hmm.

Price Each	RRP	4+
<b>K 6021</b>	<b>129.00</b>	<b>115.95</b>

**Time Delay Flash Photography Trigger Kit**

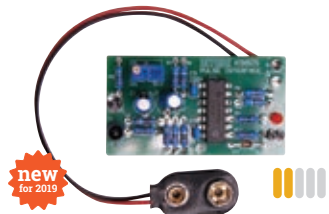
**(SC January '09)** Want to try your hand at 'stop motion' photography? This camera shutter/flash controller allows you to take a picture at a precise moment between 1ms and 9.99s after a trigger. Triggering can be from the included electret mic (to pick up sound 'events'), an infra-red beam or other sensors like a PIR detector or custom sensor switches (not included). Powered by 9V battery.



Price Each	RRP	4+
<b>K 6009</b>		<b>55.00</b>

**Heart Rate Interface Module for Arduino Kit**

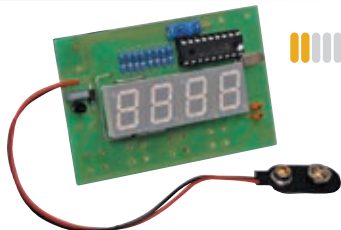
**(DIYODE Nov '17).** Based on the LM324N Quad Op-Amp IC, this board utilises photoplethysmography sensing to detect blood flow and heart beating. This project is ideal for interfacing with Arduino projects requiring biometric monitoring. Requires 9V battery to power interface board.



Price Each	RRP	4+
<b>K 9805</b>	<b>12.95</b>	<b>11.50</b>

**12V PIC Alarm Clock**

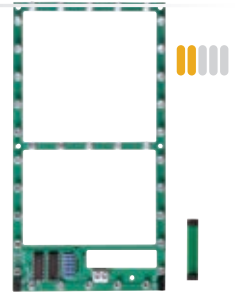
**(SC July '01)** A simple to build alarm clock with all the bells and whistles. Featuring a 4 digit 12 hour display with AM/PM indicator. A melody alarm sounds at the set time to provide a wake up call / reminder. Convenient push buttons allow the unit to be set up.



Price Each	RRP	4+
<b>K 8510</b>	<b>31.95</b>	<b>28.95</b>
<b>M 9273A</b> 12V DC plugpack to suit	<b>16.95</b>	

**Jumbo 7 Segment Digit Kit**

**(Designed by Altronics)** These 210 x 110mm jumbo digits are made from PCB and can be daisy-chained together into an array of numbers for counter and clock projects (link included). Each board is fitted with 74HC595 8 bit serial shift register chip and can be driven by Arduino ShiftOut. Aux output is provided for driving a decimal point/colon. Build yourself a sales counter, a 'now serving' counter or just a regular time clock. Red LEDs.



Price Each	RRP	4+
<b>K 9680</b>	<b>27.95</b>	<b>24.95</b>

**7 Segment 4 Digit Driver Shield Kit**

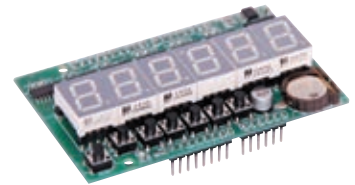
**(Designed by Altronics)** This 4 digit common anode driver board is ideal for building an Arduino controlled clock or counter. It features two on board 74HC595 chips which can be easily driven using Arduino ShiftOut. It utilises all through hole components for easy construction. Build yourself a sales counter, a 'now serving' counter or just a regular time clock. Standard shield dimensions.



Price Each	RRP	2+
<b>K 9700</b>	<b>25.95</b>	<b>23.00</b>

**6 Digit 7 Segment Display Shield Kit**

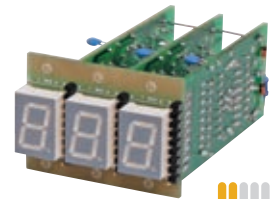
**(Designed by Altronics)** Build an Arduino controlled clock, timer or counter. It features six on board 74HC595 chips which can be easily driven using Arduino ShiftOut. 6 function buttons provided, plus reset. On board DS3231 real time clock with battery backup (CR1220). Standard shield dimensions. Note: this kit requires fine SMD soldering. Advanced builders only.



Price Each	RRP	2+
<b>K 9710</b>	<b>37.95</b>	<b>34.00</b>

**3 Digit Counter Kit**

**(EA Jan '98)** This flexible 3 digit counter module is ideal for adding a digital readout to a project. It can be expanded up to 30 digits by adding more modules. It features blanking inputs, latching input (display freeze), and up/down count select. The display increments every time it receives a rising edge pulse from an input source eg: PIR, light beam relay etc. Size: 46 x 71 x 33 mm. Requires 5V DC.



Price Each	RRP	5+
<b>K 2505</b>	<b>27.95</b>	<b>24.95</b>

**Mozzie Lure Kit**

**(SC October '16)** This cheap and easy to build kit has been designed to help combat zika and mosquito borne viruses. It lures male mozzies into a trap by producing an inaudible tone which attracts them. By luring and trapping the male mozzies, this prevents fertilisation and since pregnant females are the prime culprit for biting, this in turn reduces the incidence of mosquitos in the nearby area. Module and housing only, may require additional parts to complete trap.



Price Each	RRP	4+
<b>K 1134</b>	<b>39.95</b>	<b>37.95</b>