

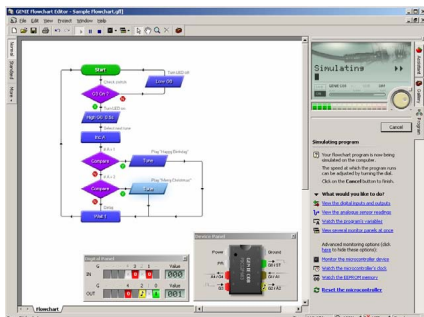
## Genie project kits & accessories now available



Genie is the new microcontroller programming system from New Wave Concepts. Using the flowchart software (included within the Circuit Wizard suite or available as a standalone program, *CD just £3*) programs can be developed and transferred on to Genie chips. A special plug and play programming cable connects to the USB port and the genie chip on a board via a stereo jack. When the cable is connected the software can show which part of the program is running, the current value of variables and port pins. This makes debugging of new programs much faster and the whole process more enjoyable. The more advanced Genie chips allow the user to use multiple code starting point in their program that all run at the same time.

To use the Genie system you will need to either have the latest version of Circuit Wizard installed on your PC or will need to buy the genie software editor CD. You then need a Genie download cable and a board with a Genie chip in it. Students can make their own boards or alternatively get off to fast start with a Genie project kit. Initially three kits will be available for use with the 8 pin Genie L08 (lite) or C08 (core) chips. More complex kits will be available later in the year. At Kitronik we are focusing on the Genie kits, but will also be stocking the chips and cables so you can get all the bits you need to get going.

Once the program is proved to be working the Genie chip can be programmed up and will then run on its own without the PC being connected.

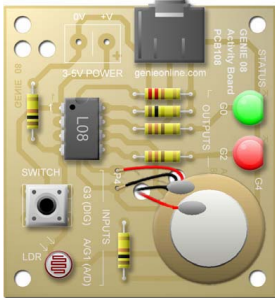


## Genie software editor CD

This CD allows you to install the software on as many PCs as you like. It allows students to write, debug and download software into Genie chips.

Description	Code	1+
Genie software editor CD	3901	£3.00

## Genie kits

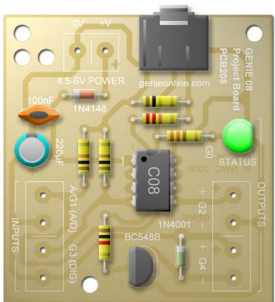


### Genie Activity Kit

There are two inputs on this board, a switch and a light sensor. There are also three outputs, an unenclosed piezo sounder plus two LEDs. The board is a perfect introduction to Genie and allows many different programming tasks to be undertaken.

Supplied in kit format: PCB, parts (inc battery clip & cage) and L08 Genie chip. Requires x3 AA batteries.

Description	Code	1+	20+	100+
Genie activity kit	3902	£3.19	£2.99	£2.89

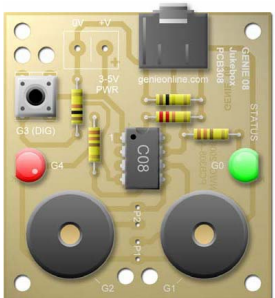


### Genie Project Kit

The project board allows two inputs (both digital or one analogue & one digital) to be connected, plus one 25mA output and one 100mA output, as well as an on board LED. Terminal blocks can be fitted to the board for easy of changing the peripherals.

Supplied in kit format: PCB, parts (inc battery clip & cage) and C08 Genie chip. Requires x3 AA batteries.

Description	Code	1+	20+	100+
Genie project kit	3903	£3.29	£3.09	£2.99



### Genie Jukebox Kit

The C08 genie chip supplied with this kit is capable of polyphonic music allowing two music channels to be played through a pair of fully enclosed (for better quality & volume) piezo sounders. A button can trigger the music and LEDs can be flashed whilst the music plays.

Supplied in kit format: PCB, parts (inc battery clip & cage) and C08 Genie chip. Requires x3 AA batteries.

Description	Code	1+	20+	100+
Genie jukebox kit	3904	£3.69	£3.49	£3.39

## Genie download cable & chips



A USB cable to connect to GENIE microcontrollers. Its unique Plug & Play design improves reliability and completely does away many of the problems normally associated with microcontroller cables and COM ports. Drivers are provided with the GENIE software editor CD or from [www.genieonline.com](http://www.genieonline.com).

Description	Code	1+
USB download cable	3905	£12.50



Device	Pins	In	Out	ADC	Starts	Memory
L08*	8	1-4	1-4	1	1	80
C08	8	1-4	1-4	3	2	160
E18	18	5	9	3	4	2200

\*The L08 chip is only available with the activity kit.

Description	Code	1+	100+
C08 'Core' chip	3906	£1.50	£1.40
E18 'Elite' chip	3907	£3.70	

## Amplifier boom box



This is a fantastic quick box for housing your amplifier kit. Perfect for those times when you want to do an electronics focused practical task without spending weeks on the enclosure. The box is supplied flat and folds up easily. It has separate compartments for the battery, PCB and speaker. Constructed in heavy grade corrugated cardboard that can be painted, varnished, drawn on or covered with fabric creating a high quality sturdy enclosure quickly and effectively.



There are free worksheets, a presentation, Sketchup models and teachers notes on the Kitronik website, and examples with tips on assembling and finishing.

MP3 player & amp not supplied. See catalogue page 15 for details on the amplifier kit.

Description	Code	1+	4+
Boom box, pack of 25	2115BB	£14.00	£12.00

## Free sample – Fax back

### Tick one

- 2101, Alarm
- 2102, Battery tester
- 2103, Game
- 2104, Timer
- 2105, Xylophone
- 2106, Rear bike light
- 2107, Steady hand game, terminal block
- 2108, Steady hand (with latch)
- 2109, Dice
- 2110, Thermometer
- 2111, Easy build timer
- 2112, Light activated switch
- 2113, Heat activated switch
- 2114, LED torch
- 2115, MP3 amplifier
- 2116, Quiz buzzer
- 2117, Square wave
- 2118, 7 segment counter
- 2119, Rainbow LED & bat box
- 2120, Dark activated colour changing LED
- 2121, Programmable timer
- 2122, Programmable music box
- 2123, Air freshener
- 2126, PIC development board
- 2127, PIC project board
- 2128, PIC Frisbee

To request your free sample kit with accompanying teaching notes, please tick **one** box on the left.

*(Or / and please tick)*

Send me a 2008 / 2009 catalogue.

Update my name or address details as amended (left).

**Fax this side to:  
0845 8380782**

Alternatively, call or Email us (see below).

The logo for Kitronik, featuring the word "Kitronik" in a bold, green, sans-serif font. The letters are contained within a green oval shape that has two small dots at the top, resembling a stylized eye or a signal. The entire logo is centered within a larger green rounded rectangle that frames the contact information below.

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