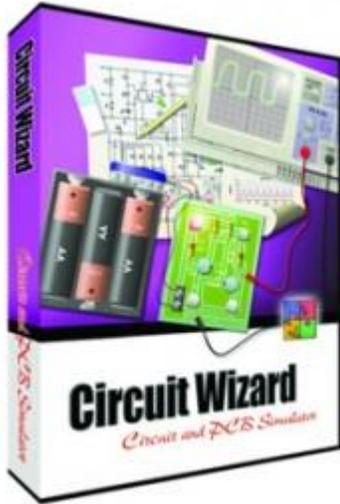
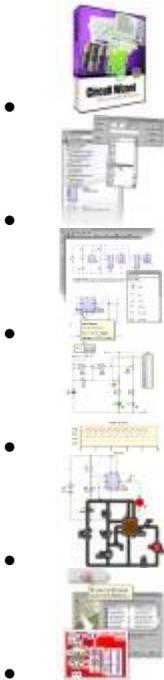


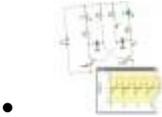
# Circuit Wizard

Circuit Wizard is a revolutionary new system that combines circuit design, PCB design, simulation and CAD/CAM manufacture in one complete package. By integrating the entire design process, Circuit Wizard provides you with all the tools necessary to produce an electronics project from start to finish – even including on-screen testing of the PCB prior to construction!



## More Images





## Details

### Designing circuits

Designing is easy with Circuit Wizard. Just grab the components you need from the library, connect them together using Circuit Wizard's intelligent wiring tool and then press the 'Play' button to begin simulation.

### SPICE circuit simulation

Circuit Wizard features a new simulation engine based on Berkeley SPICE. This industry-standard technology is the most advanced in the world, so you can be confident that the results it delivers will be very fast and accurate.

### Circuit style views

Styles are a powerful feature of Circuit Wizard that allow you to alter the way a circuit looks when it is simulating. There are several preset styles to choose from and you can also create your own.

### Designing PCBs

By integrating all elements of the design process, Circuit Wizard has made it even easier to create PCBs. Simply select the circuit you want transferred, click on 'Convert to PCB' and then leave Circuit Wizard to do the rest. Alternatively, if you prefer, you can design your PCBs the traditional manual way using Circuit Wizard's fully featured drafting tools.

### SPICE PCB simulation

Have you ever designed a PCB only to find that it does not work when you come to make it? Well, with Circuit Wizard that is a thing of the past as you can now simulate PCBs on screen prior to manufacture. Simply wire up a battery, add any off-board components you require, click on 'play' and you are ready to go!

### Automatic routing

Circuit Wizard includes an advanced automatic router that is able to route single-sided and double-sided boards (single-sided only in the Standard edition) with ease. Using the latest 'rip-up and retry' technology, it achieves extremely high completion rates by going back and re-routing nets to make space for connections that could not be routed on a previous pass.

### PCB style views

Styles are a powerful feature of Circuit Wizard that greatly simplifies the process of viewing PCBs. They work by combining various display options to show you how a particular design would look at different stages of the production process. There are several preset styles that are shipped with Circuit Wizard and you can also create your own.

### **CAM support**

Circuit Wizard provides support for a number of common manufacturing output formats. You can produce Excellon files for numerically controlled drill machines, DXF output for linking to CAD software and Gerber files for professional PCB manufacture.

More info: [www.genieonline.com/?page=circuit.index](http://www.genieonline.com/?page=circuit.index)

Demo version: [www.new-wave-concepts.com/pr/cw\\_files.html](http://www.new-wave-concepts.com/pr/cw_files.html) (cannot save, print output or simulate your own circuit design)

### **System Requirements**

Win 98,NT, 2000, XP, Vista, Windows 7 + Win compatible networks

*Prices as at August 2012. Subject to change*