

## **PCB Design Seminar**

### **Large Vendors for electronic components**

[www.digikey.com](http://www.digikey.com)

[www.mouser.com](http://www.mouser.com)

[www.newark.com](http://www.newark.com)

[www.alliedelec.com](http://www.alliedelec.com)

[www.arrow.com](http://www.arrow.com)

[www.futureelectronics.com](http://www.futureelectronics.com)

[www.mcmaster.com](http://www.mcmaster.com)

[www.sparkfun.com](http://www.sparkfun.com)

DigiKey

Mouser Electronics

Newark

Allied Electronics

Arrow

Future Electronics

McMaster-Carr

Spark Fun

### **Smaller Vendors for electronic components**

[www.taydaelectronics.com](http://www.taydaelectronics.com)

[www.jameco.com](http://www.jameco.com)

[www.elexp.com](http://www.elexp.com)

[www.goldmine-elec.com](http://www.goldmine-elec.com)

[www.herbach.com](http://www.herbach.com)

[www.allelectronics.com](http://www.allelectronics.com)

[www.alltronics.com](http://www.alltronics.com)

[www.electronicssurplus.com](http://www.electronicssurplus.com)

[www.web-tronics.com](http://www.web-tronics.com)

[www.gatewaycatalog.com](http://www.gatewaycatalog.com)

[www.bgmicro.com](http://www.bgmicro.com)

[www.americanmicrosemi.com](http://www.americanmicrosemi.com)

[www.jdmicrodevices.com](http://www.jdmicrodevices.com)

[www.debcoelectronics.com](http://www.debcoelectronics.com)

Tayda Electronics

Jameco Electronics

Electronic Express

Electronic Goldmine

Herbach and Rademan

All Electronics Corp.

Alltronics

Electronic Surplus

Circuit Specialists Inc.

Gateway Electronics Inc.

BG Micro

American Microsemiconductor

JDR Computer Products

Debco Electronics

### **Circuit Board Layout Software (CAD Software)**

[www.autodesk.com/products/eagle](http://www.autodesk.com/products/eagle)

[www.orcad.com](http://www.orcad.com)

[www.labcenter.com](http://www.labcenter.com)

[www.fritzing.org](http://www.fritzing.org)

[www.tina.com](http://www.tina.com)

[www.freepcb.com](http://www.freepcb.com)

Eagle – Autodesk Product (Free for students)

Cadence OrCAD (Paid)

Proteus PCB designer (Paid)

Fritzing (Free)

TINA Design Suite (Free)

Free PCB

### **Circuit Board Manufactures**

[www.4pcb.com](http://www.4pcb.com)

[www.sunstone.com](http://www.sunstone.com)

[www.avanticircuits.com](http://www.avanticircuits.com)

[www.7pcb.com](http://www.7pcb.com)

[www.batchpcb.com](http://www.batchpcb.com)

[www.pcbfabexpress.com](http://www.pcbfabexpress.com)

Advance Circuits/4PCB

Sunstone Circuits

Avanti Circuits

Bittele Electronics

Batch PCB

PCB Fab Express