

USEFUL ONLINE ELECTRONICS TOOLS & RESOURCES

- Using a multimeter - General
- Multimeter - Tips to Safely test circuits
- Resistor Color Code Interpreter
- LED Series Resistor Calculator
- Ohms Law Calculator
- Voltage Divider Calculator
- Graphical Resistance Calculator
- Basic Electricity Tutorial - Switches
- Basic Electricity Tutorial - RELAYS
- What are bits, bytes, and nibbles used for?
- Rinaldo's tech links
- Basic Electronics Definitions
- Electronic Components - Definitions, Descriptions
- Electronic Symbols Chart
- Graphical Representation of Ohms Law
- The Energy Story - Basic Circuits
- Electronic Symbols Chart
- Wiki of Electronics Symbols

MAKER SPACES IN CHICAGO

Makers in Chicago - Your One Stop to view events for all MakerSpaces in Chicago

Chicago Makers Google Group

South Side HackerSpace

Analytics Lounge

Maker Lab, Harold Washington Library

Make! Chicago

HUB SITES FOR NEW MEDIA, RESPONSIVE ARTS, AND INTERACTION DESIGN

- wemakeom
- oneynotart
- infosthetics
- engadget
- gizmodo
- boing boing
- selectparks.net
- pasta and vinegar
- visualcomplexity
- infosthetics
- Sabrina's Body + Tech links
- Ken Rinaldo's inks
- Stephen Wilson's links
- Beverly Tang's links
- worldchanging.org
- newmediaFIX
- ctheory.netrhizome.org
- San Jose ZeroOne - ISEA 2006
- Ars Electronica
- SIGGRAPH
- Mobile Art and Locatve Media
- Web Art Index

DIY LINKS

- Instructables
- i-hacked
- Metku
- Hack A Day
- Make Magazine
- Electronics DIY
- How Stuff Works
- Kitsrus
- Make Magazine Podcast
- Craft Magazine Podcast
- LifeHacker
- Hacked Gadgets

Other Popular MicroControllers + add on Boards:

- Basic Stamp
- Raspberry Pi
- Galileo Board / and Edison by Intel
- Spark IO
- MicroPython

READINGS IN RESPONSIVE ART, DESIGN, AND THEORY:

- New Media Art, edited by Mark Tribe and Reena Jana, Taschen, 2006
- The Interventionists: Users' Manual for the Creative Disruption of Everyday Life by Nato Thompson (Editor), Gregory Sholette (Editor), MIT Press, 2006
- The New Media Reader, Noah Wardrip-Fruin, MIT Press, 2003

- Christiane Paul, Digital Art, Thames and Hudson, NY 2003
- New Media in Late 20th Century Art, by Michael Rush, Thames & Hudson, 1999
- Terrence Masson, CG 101, New Riders Publishing, 1999
- The Digital Dialectic, Peter Lunenfeld, MIT Press, 2001
- Art @ Science, edited by Christa Sommerer and Laurent Mignonneau, SpringerWien, 1998
- Strange and Charmed: Science and the Contemporary Visual Arts, edited by Sian Ede, Calouste Gulbenkian Foundation, 2000
- Daniels, Dieter: Strategies of Interactivity. In: Rudolf Frieing & Dieter Daniels (eds.). Medien Kunst Interaktion. Wien: Springer. 2000
- Weibel, Peter: "The World as Interface: Toward the Construction of Context-Controlled Event-Worlds", in Electronic Culture. Edited by Timothy Druckrey. New York: Aperture, 1996
- Huhtamo, Erkki: "Commentaries on Metacommentaries on Interactivity", in CAD Forum, 4th International Conference on Development and Use of Computer Systems, MediaScape, Zagreb
- Dinkla, Söke: "The History of the Interface in Interactive Art". Available online at http://www.kenfeingold.com/dinkla_history.html (link last checked Jan. 9, 2007).
- Stocker, Gerfried and Schoepf, Christine: Code: The Language of Our Time, Ars Electronica 2003. Ostfildern-Ruit: Hatje Cantz, 2003.
- The Virtual Dimension, edited by John Backman, Princeton Architectural Press, 1998
- The Age of Spiritual Machines: When Computers Exceed Human Intelligence, Ray Kurzweil, Penguin Books, 1999
- The Cyborg Handbook by Chris Hables Gray, Routledge, 1996
- How We Became Posthuman : Virtual Bodies in Cybernetics, Literature, and Informatics, N. Katherine Hayles,, University Of Chicago Press, 1999
- Metal and Flesh, The Evolution of Man: Technology Takes Over , Ollivier Dyens, MIT Press, 2001

GUIDEBOOKS ON PHYSICAL COMPUTING, BASIC ELECTRONICS, AND MECHATRONICS

- Physical Computing: Sensing and Controlling the Physical World with Computers, Tom Igoe and Dan O'Sullivan.
- Getting Started in Electronics, Forrest M. Mimms III
- Electronic Sensor Circuits and Projects, Mimms, Radio Shack Engineer's Mini Notebook Series
- The Microcontroller Application Cookbook (1 + 2), by Matt Gilliland, Parallax, Inc., 2002
- Programming and Customizing the Basic Stamp Computer, by Scott Edwards, McGraw-Hill, 1998
- The Robot Builder's Bonanza, by Gordon McComb, McGraw-Hill, 2001
- Cabaret Mechanical Movement, by Aidan Lawrence Onn, Gary Alexander, Cabaret Mechanical Publishing, 1998

POSTPRODUCTION HOUSES IN CHICAGO

<http://redeye-studio.com/>

<http://www.optimus.com/>

www.d-kitchen.com/

www.posteffects.com

Leviathan

Clutch Studios

Think Alter