

MacDraft[®]
Electronic Schematic
Symbol Libraries



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MacDraft Symbol Libraries

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Electronic Schematic Libraries

General Schematic Libraries	
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Introduction

Microspot offers four series of Microspot symbol libraries. These are sets of graphic images ready for use in MacDraft® drawings and will provide you with many of the elements you need to quickly and easily complete or embellish your drawings.

Librarian

The Library palette is a drag and drop compatible palette built into the MacDraft application. An unlimited number of libraries can be created, each of which can hold hundreds of items. Custom libraries can contain symbols from different symbol libraries, items and files you have drawn, and files of many other types.

Librarian can be used with MacDraft to hold PICT images of furniture, architectural and electrical components etc. Adding library items to drawings is as simple as dragging and dropping them from the library into the MacDraft document.

See the section Librarian in the MacDraft User Guide for further details.

Drag and Drop

MacDraft utilises the drag and drop capabilities. This means that any image file can be dragged into a MacDraft document window from outside the application (the Finder), and objects or group of objects can be dragged from a MacDraft document to, for example, a Library file.

See the section Drag And Drop in the MacDraft User Guide for further details.

About Symbol Libraries

Each library has been professionally drawn, using vectors rather than bitmaps, providing you with the highest possible quality of printing.

Editing Symbols

Symbols can be easily edited to suit your own needs:

- Once dropped into a drawing, a symbol can be rotated, flipped, moved, or resized.
- If you ungroup a symbol, you can remove, resize, fill, or otherwise edit any object within it.
- You can ungroup symbols that contain text and substitute your own text.
Note: be careful when resizing symbols that contain text.

Libraries Available

Graphics Volume 1

Over 200 images of people, cars and trucks, and trees and other landscape elements. This set is ideal for architects, illustrators, and designers, as well as for general graphics and presentations.

Graphics Volume 2

Contains over 200 graphic elements to help you create professional-looking organizational charts, design computer logic diagrams, embellish business charts, or add character to your correspondence and presentations.

Architecture

A comprehensive set of over 1,100 commonly used symbols for the creation of residential and light commercial construction drawings. This library provides architects, engineers, and contractors with symbols that address the 16 standard specification formats used in construction drawings.

Electronic Schematics

Incorporates over two hundred symbols for a wide array of electronic components and elements used to create schematic diagrams. Included are everything from vacuum tubes to transistors and logic gate symbols.

General Schematics Library, A - D

Some symbols may require that you set a finer grid snap in order for proper cursor / symbol alignment to the grid. If you find the cursor unable to align to the object, try a finer grid snap.

Antenna,
General



Antenna,
Loop



Battery / 1



Battery / 2



Capacitor,
Feed / 1



Capacitor,
Feed / 2



Capacitor,
Polarized / 1



Capacitor,
Polarized / 2



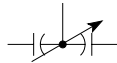
Capacitor,
Polarized / 3



Capacitor,
Polarized / 4



Capacitor,
Split-Stat



Capacitor,
Variable / 1



Capacitor,
Variable / 2



Capacitor,
Variable, Ganged



Capacitor / 1



Capacitor / 2



Capacitor / 3



Capacitor / 4



Capacitor
S / 1



Capacitor
S / 2



Capacitor
S / 3



Capacitor
S / 4



Cavity
Resonator



Cell,
Photoconductive



Solar Cell 1



Solar Cell 2



Circuit
Breaker



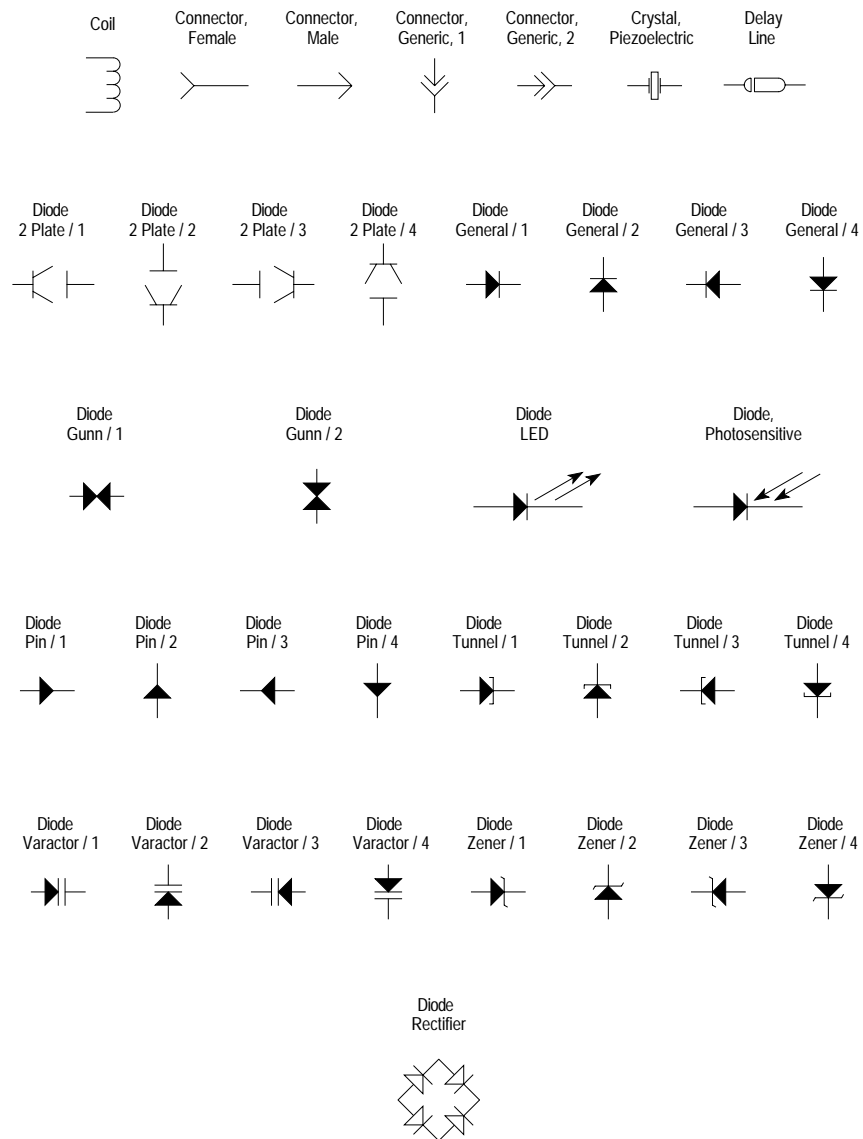
Coaxial
Cable 1



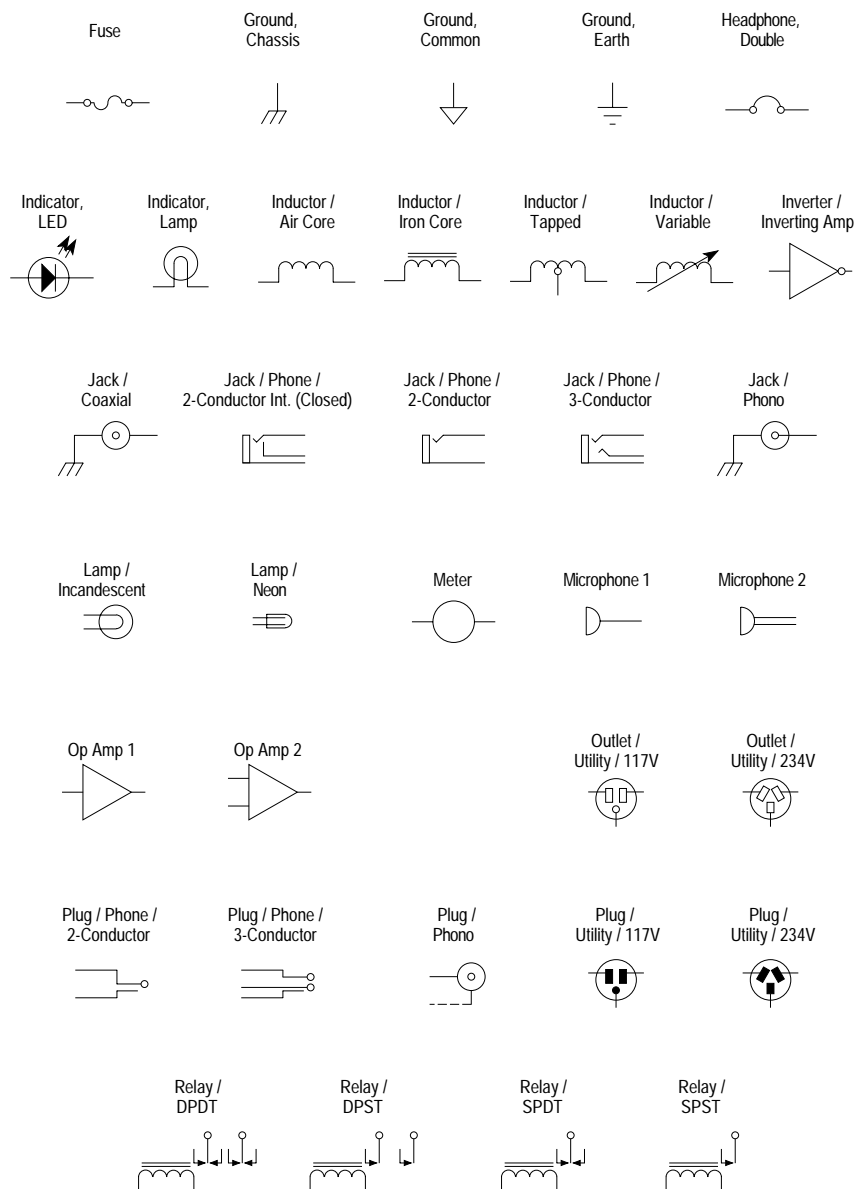
Coaxial
Cable 2



General Schematics Library, A - D, continued



General Schematics Library, F - S



General Schematics Library, F - S, continued

Resistor
Series / Parallel



Resistor,
Var. 1



Resistor,
Var. 2



Resistor,
Variable, 1



Resistor,
Variable, 2



Resistor,
Variable, 3



Resistor,
Variable, 4



Resistor 1



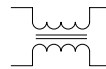
Resistor 2



Resonator



Saturable
Reactor



Signal
Generator, 1



Signal
Generator, 1



Sine
Wave



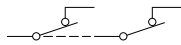
Speaker 1



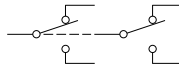
Speaker 2



Switch
DPST



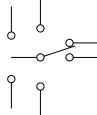
Switch
DPDT



Switch,
Momentary-Contact



Switch,
Rotary



Switch
SPDT



Switch
SPST, 1



Switch
SPST, 2



General Schematics Library, T - V

Thyristor,
Diac



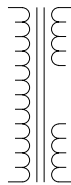
Thyristor,
SCR



Thyristor,
Triac



Transformer,
2 Step Down



Transformer,
Air Core



Transformer,
Iron Core



Transformer,
Step Down



Transformer,
Tapped Primary



Transformer,
Tapped Secondary



Transistor
JFET, N



Transistor
JFET, P



Transistor
MOSFET, N



Transistor
MOSFET, P



Transistor
MOSFET, N En



Transistor
MOSFET, P En



Transistor
NPN 1



Transistor
NPN 2



Transistor
NPN 3



Transistor
NPN 4



Transistor
PNP 1



Transistor
PNP 2



Transistor
PNP 3



Transistor
PNP 4



Transistor
Unijunction



Transistor
MOSFET, Dual N



Transistor
MOSFET, Dual P



General Schematics Library, T - V, continued

Tube
Diode



Tube
Pentode



Tube
Photomultiplier



Tube
Tetrode



Tube
Triode



Unspecified
Component



Voltage
+15V, 1



Voltage
+15V, 2



Voltage
+5V, 1



Voltage
+5V, 2



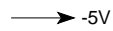
Voltage
-15V, 1



Voltage
-15V, 2



Voltage
-5V, 1



Voltage
-5V, 2



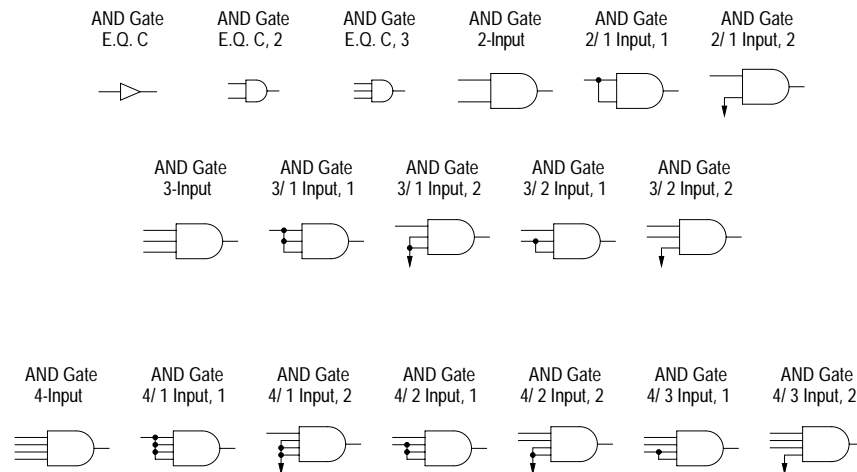
Voltage
Regulator, 1



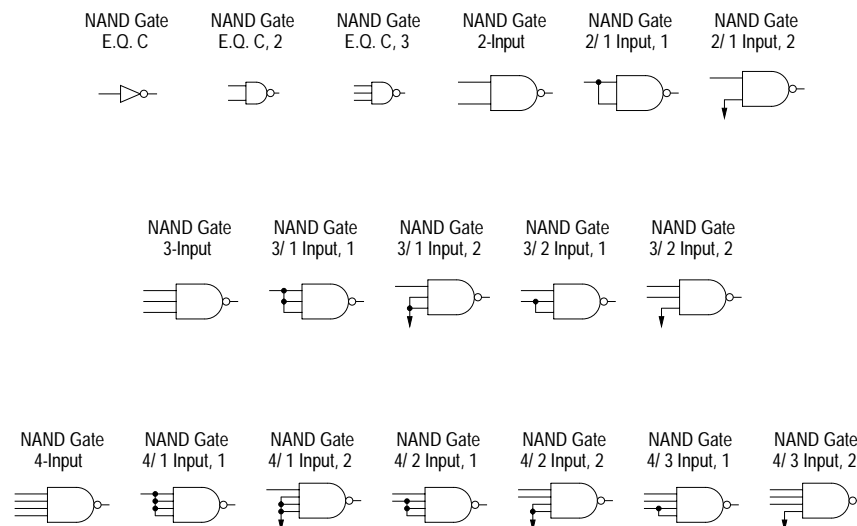
Voltage
Regulator, 2



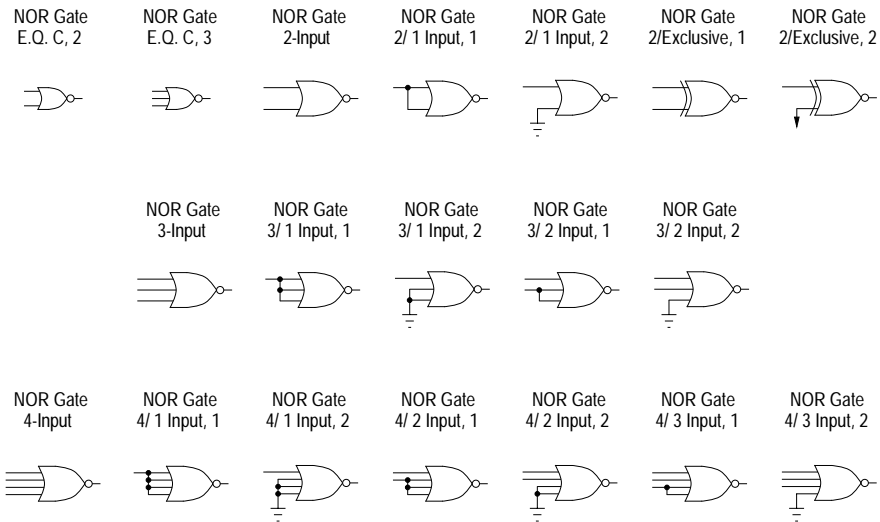
AND Gates



NAND Gates



NOR Gates



OR Gates

