National Instruments Multisim
Part II

The Multisim Environment
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Menu bar
Menu Bar – File menu
Menu Bar – Edit menu
Menu Bar – View menu w/Toolbars menu as well
Menu Bar – Place menu
Menu Bar – MCU menu
Menu Bar – Simulate menu
Menu Bar – Transfer menu
Menu Bar – Tools menu

- Component Wizard
- Database
- SPICE Netlist Viewer
- Rename/Renumber Components
- Replace Components...
- Update Circuit Components
- Update HB/SC Symbols
- Clear ERC Markers...
- Symbol Editor
- Title Block Editor
- Description Box Editor
- Capture Screen Area
- Show Breadboard
- Online Design Resources
Menu Bar – Options menu
Menu Bar – Window menu
Menu Bar – Help menu
Standard Toolbar
View Toolbar
Main toolbar
Main Toolbar
Component toolbar
Component Toolbar
Choosing components

• Click on one of the icons on the toolbar
  – It will open to the last component used
First screen of component selection (showing last component used)
• Click on the dropdown box for Groups to choose the appropriate category
Change Group
• Once inside the category, choose the appropriate family of components
• Enter the desired value into the Component box
Basic Group/Resistor Family
• If you are unsure of the component, try using the Search function
  – Enter as much information as possible into at least one field
  – Wildcard characters are also acceptable (can be anywhere in the queried field)
Component Search

[Image of Component Search dialog box]

- **Group:** ALL
- **Family:** ALL
- **Component:**
- **Function:**
- **Model ID:**
- **Model manufacturer:**
- **Footprint type:**

- Option for Advanced search using "user fields"
Simulation toolbar
Simulation Toolbar
Simulation Switch
Simulation Switch
Instruments Toolbar

- Multimeter is the first one on the top (vertical orientation) or the first one to the left (horizontal orientation)
- Mouse over will reveal the type of instrument
- Left-click once to bring instrument off the toolbar, then move where desired
- There is no limit on number of same type (each one will be labeled with a different number)
Spreadsheet view

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How to add/remove or lock the toolbars

- The toolbars can be added/removed using the View/Toolbars menu.
- To lock/unlock the toolbars, go to the Options menu and check/uncheck the option.
  - Screenshot of toolbar with Simulation Switch moved, plus the LabVIEW Instruments and Description Edit Bar toolbars added (LabVIEW moved as well).
• If you have questions, please contact us at:
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