

### **General Actions**

Wheel up and wheel down	Scrolls vertically the drawing area. You can also scroll outside the current size.
Shift + Wheel up and wheel down	Scrolls horizontally the drawing area. You can also scroll outside the current size.
Ctrl + Wheel up and wheel down	Zooms into or outof the drawing area.
Left click + Move the mouse	(drag and drop file into document area) Tries to open file as Qucs schematic or data display

### "Select" mode

Left click	Selects the element below the mouse cursor. If several components are placed there, you can clicking several times in order to select the wanted one.
Ctrl + Left click	Allows more than one element to be selected, i.e. selecting an element does not deselect the others. Clicking on a selected element deselects it
Right click	Clicking on a wire selects a single straight line instead of the complete line.
Right click then Right click	(double right-click) Opens a dialog to edit the element properties (The labels of wires, the parameters of components, etc.)

# "Insert component" mode

(Click on a component/diagram in the left area)

Left click	Place a new instance of the component onto the schematic.
Right click	Rotate the component. (Has no effect on diagrams.)

## "Wire" mode

Left click	Sets the starting/ending point of the wire.
Right click	Changes the direction of the wire

	corner (first left/right or first up/down).
Right click then Right click	(double right-click) Ends a wire without being on a wire or a port.

### "Paste" mode

Left click	Place the elements onto the schematic (from the clipboard).
Right click	Rotate the elements.

### Mouse in "Content" tab

Left click	Selects file.
Double click	Opens file.
Right click	Displays menu with: open, rename, delete, delete group

# Keyboard

Many actions can be activated/done by the keyboard strokes. This can be seen in the main menu right beside the command. Some further key commands are shown in the following list:

Del or Backspace	Deletes the selected elements or enters the delete mode if no element is selected.
Left arrow / Right arrow	Changes the position of selected markers on their graphs. If no marker is selected, move selected elements. If no element is selected, scroll document area.
Up arrow / Down arrow	Changes the position of selected markers on more-dimensional graphs. If no marker is selected, move selected elements. If no element is selected, scroll document area.
Tab	Changes to the next open document (according to the TabBar above).

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More information: defkey.com/da/qucs-0-0-19-shortcuts

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