Shortcut Keys

Summary

This guide provides a list of shortcut keys available for use within the various Editors of the software.

Project Panel and Platform Shortcuts

Left-Click: Select document under cursor
Double Left-Click: Edit document under cursor
Right-Click: Display context sensitive pop-up menu
Ctrl + F4: Close active document
Alt + F4: Close Altium Designer
Ctrl + Tab: Cycle through open documents
Drag & Drop in the Panel from
• one project to another: Move selected document
• File Explorer to Design Explorer: Open selected document as a free document
Ctrl + Drag & Drop from
one project to another project: Link selected document into second project
F4: Hide/display all floating panels
Shift + F5: Toggle between active panel and workspace

Project Shortcuts

C, C: Compile the current design project
C, R: Recompile the current design project
C, O: Open the Options for Project dialog for the current project
C, D: Compile Document
Shortcut Keys

Common Schematic and PCB Shortcuts

Shift While autopanning to pan at higher speed
J Display Jump sub-menu
Y While placing an object to flip it along the Y-axis
X While placing an object to flip it along the X-axis
Shift+ ↑ ↓ ← → Move cursor ten grid increments in direction of arrow key
↑ ↓ ← → Move cursor one grid increment in direction of arrow key
Esc Escape from current process
End Redraw the screen
Home Redraw screen with center at the cursor point
Ctrl + mouse wheel (or PgDn) Zoom out
Ctrl + mouse wheel (or PgUp) Zoom in around cursor (zooms around cursor, position the cursor first)
Mouse wheel Pan Up/Down
Shift + mouse wheel Pan Left/Right
O Pop-up right-click Options menu
Z Pop-up right-click Zoom menu
Ctrl + Z Undo
Ctrl + Y Redo
Ctrl + A Select All
Ctrl + S Save current document
Ctrl + C (or Ctrl + Insert) Copy
Ctrl + X (or Shift + Delete) Cut
Ctrl + V (or Shift + Insert) Paste
Ctrl + R Copy and repeat paste selected objects (Rubber Stamp)
Ctrl + Q Access the Selection Memory dialog
Alt Constrain object movement horizontally or vertically
Delete Delete Selection
V, D View Document
V, F View Fit placed objects
X, A De-select all
Right-Click & Hold Display slider hand & slide view
Left-Click Select/deselect object under cursor
Right-Click Pop-up floating menu, or escape from current operation
Right-Click on object, select Find Similar Load object under cursor into Find Similar Objects dialog
Shortcut Keys

- **Left-Click, Hold & Drag**: Select inside area
- **Left-Click & Hold**: Move object/selection under cursor
- **Left Double-Click**: Edit object
- **Shift + Left-Click**: Add/remove object from selection set
- **TAB**: Edit attributes while placing
- **Shift + C**: Clear current Filter
- **Shift + F**: Click on object to display *Find Similar Objects* dialog
- **Y**: Pop-up Quick Queries menu
- **F11**: Toggle Inspector panel on/off
- **F12**: Toggle Filter panel on/off
- **Shift + F12**: Toggle List panel on/off
- **, Left-Click**: Cross probe to matching object on target document, stay remaining in source document
- **, Ctrl + Left-Click**: Cross probe and jump to matching object on target, jumping to target document
- **Ctrl + N**: Store current selection in memory location N
- **Alt + N**: Recall selection from memory location N
- **Shift + N**: Add current selection to selection already stored in memory location N
- **Shift + Alt + N**: Recall selection from memory location N and add it to current selection in workspace
- **Shift + Ctrl + N**: Apply filtering based on selection set in memory location N.

Schematic Shortcuts

- **G**: Cycle through snap grid settings
- **Spacebar**: Rotate by 90 degrees while moving an object
- **Shift + Spacebar**: Toggle start/end mode while placing a wire/bus/line
- **Shift + Alt + Spacebar**: Toggle pen color while using highlighting pens
- **Shift + Ctrl + Spacebar**: Toggle highlighting pen mode between connection and net
- **Shift + Spacebar**: Cycle Step through placement modes while placing a wire/bus/line
- **, Ctrl + Left-Click on port or sheet entry while using highlighting pens**: Highlight connection/net on target sheet
- **Backspace**: Remove the last vertex when placing a wire/bus/line/polygon
- **Left-Click, Hold + Delete**: When a wire is focused to delete a vertex
- **Left-Click, Hold + Insert**: When a wire is focused to add a vertex
- **Ctrl + Left-Click & Drag**: Drag object
Shortcut Keys

Left-Click in Navigator Cross probe to object on schematic document
Alt + Left-Click in Navigator/Browser Cross probe to object on both schematic document and & PCB
Alt + Left-Click on net object Highlight all elements in net on sheet
Ctrl + Double Left-Click On sheet symbol to descend hierarchy
Ctrl + Double Left-Click On Port to ascend hierarchy

PCB Shortcuts

Shift + R Cycle through three routing modes (ignore, avoid or push obstacle)
Shift + E Toggle electrical grid on/off
Ctrl + G Pop up Snap Grid menu
G Pop up Snap Grid menu
N Hide the ratsnest while moving a component
L Flip component being moved to the other side of board
Ctrl + Left-Click Highlight routed net under cursor (repeat in free space to clear)
Ctrl + Spacebar Cycle through connection lines modes during interactive routing
Backspace Remove last track corner during interactive routing
Shift + S Toggle single layer mode on/off
O, D, D, Enter Set all primitives to display in draft mode
O, D, F, Enter Set all primitives to display in final mode
O, D Show/Hide page of Preferences dialog
L View Board Layers and Colors dialog
Ctrl + H Select connected copper
Ctrl + Shift + Left-Click & Hold Break track
Shift + Ctrl + Left-Click Highlight additional routed net under cursor
+ Next layer (numeric keypad)
- Previous layer (numeric keypad)
* Next routing layer (numeric keypad)
M Display Move sub-menu
Alt Hold to temporarily switch from avoid-obstacle to ignore-obstacle mode
Ctrl Hold to temporarily disable electrical grid while routing
Ctrl + M Measure distance
Shortcut Keys

Spacebar (in interactive process) Rotate object being moved anti-clockwise (define rotation step in Preferences dialog)
Spacebar (during interactive routing) Toggle start/end mode
Shift + Spacebar (in interactive process) Rotate object being moved clockwise
Shift + Spacebar (during interactive routing) Step through corner modes during interactive routing
Q Toggle units (metric/imperial).

List Panel Shortcuts

↑ ↓ ← → Shift focus to next cell in direction of arrow key
Left-Click & Drag Multi-select in direction of mouse movement
Ctrl + Click Multi-select (non-sequential)
Shift + Click Multi-select (sequential)
Spacebar (PCB) Edit selected cell
Spacebar (Schematic) Flush current entry for cell currently being edited
F2 (Schematic) Edit Selected cell
Enter Finish editing
Ctrl + C (or Ctrl + Insert) Copy
Ctrl + V (or Shift + Insert) Paste
PgUp Jump selection to top of visible list area
PgDn Jump selection to bottom of visible list area
Mouse Wheel Pan Up or Down

PCB3D Library View Shortcuts

PgUp Zoom In
PgDn Zoom Out
Alt + M Fit Model
↑ ↓ ← → Pan in direction of the arrow key
Insert Pan In
Delete Pan Out

Output Job View Shortcuts

Ctrl + X (or Shift + Delete) Cut
Ctrl + C (or Ctrl + Insert) Copy
Ctrl + V (or Shift + Insert) Paste
Ctrl + D Duplicate
Delete Clear
Alt + Enter Configure
Ctrl + F9 Run Focused Output Generator
Shift + Ctrl + F9 Run Selected Output Generators
Shortcut Keys

F9 Run all Batch-enabled Output Generators
Shift + Ctrl + O Access Output Job Options dialog

Embedded Software Shortcuts

F9 Run the program being debugged
Ctrl + F9 Run to cursor
F5 Toggle Breakpoint
F7 Step into the current source line
F8 Step to the next source line
Shift + F7 Step into the current instruction
Shift + F8 Step to the next instruction
Ctrl + F2 Reset the current debug session
Ctrl + F3 Finish the current debug session

Waveform Editor Shortcuts

PgUp/PgDn Zoom in/out around time interval in view
Ctrl + C (or Ctrl + Insert) Copy waveform
Ctrl + X (or Shift + Delete) Cut waveform
Ctrl + V (or Shift + Insert) Paste waveform
Left-Click & Drag Relocate waveform

Common Text-based Document Shortcuts

Ctrl + Z Undo
Ctrl + Y Redo
Ctrl + X (or Shift + Delete) Cut
Ctrl + C (or Ctrl + Insert) Copy
Ctrl + V (or Shift + Insert) Paste
Ctrl + Shift + C Clear Filter Marks
Ctrl + F Find
Ctrl + H Replace
F3 Find Next Instance
Ctrl + A Select All

VHDL Editor Shortcuts

Ctrl + F9 Compile current FPGA project
F9 Run Forever
Ctrl + F5 Run simulation for the last time step
Ctrl + F8 Run simulation to a specified time
Ctrl + F11 Run simulation to next debug point
Ctrl + F7 Run simulation for a time step
**Shortcut Keys**

F6  Run simulation for a Delta step
F7  Run simulation, stepping into procedures/functions
F8  Run simulation, stepping over procedures/functions
Ctrl + F2  Reset current simulation session
Ctrl + F3  End current simulation session
Ctrl + I  Block indent

**Devices View Shortcuts**

F5  Refresh All
ESC  Halt Process Flow
Ctrl + F9  Compile Bit File
Ctrl + F10  Rebuild Bit File
F12  Reset Hard Device
F9  Compile Bit File and Download
F10  Rebuild Bit File and Download
F11  Download Bit File
Shift + Ctrl + F9  Compile All Bit Files
Shift + Ctrl + F10  Rebuild All Bit Files
Shift + F12  Reset All Devices
Shift + F9  Compile All Bit Files and Download
Shift + F10  Rebuild All Bit Files and Download
Shift + F11  Download All Bit Files.
Shortcut Keys

Revision History

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<tr>
<td>07-Jan-2004</td>
<td>1.0</td>
<td>New product release</td>
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<tr>
<td>05-Feb-2004</td>
<td>1.01</td>
<td>New Shortcut Key entries</td>
</tr>
<tr>
<td>18-Oct-2004</td>
<td>1.1</td>
<td>Added shortcut key entry for accessing the Selection Memory dialog, in Common Schematic and PCB Shortcuts.</td>
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<td>F5 updated to Shift+F5</td>
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