

# SKILLCAD User Quick Reference

Click “**Save As Default**” button on a command form to save form settings for next time.  
 Click “**Help**” button to open the SKILLCAD user reference menu.



	<b>Icon Switcher</b>	Click to toggle between SKILLCAD icon bar and CADENCE icon bar.
	<b>UniVia Instance</b>	Click to instantiate a uniVia (As if you are creating a normal Pcell instance).
	<b>UniVia MPP</b>	Click “ <b>Draw Multipart Path</b> ”/ “ <b>Draw Rect Ring</b> ”/ “ <b>Draw Polygon Ring</b> ” button and draw such shape in the layout window to create MPP; Click “ <b>Grow From Selected Objects</b> ” button to create MPP ring around selected objects. Select a MPP and Click “ <b>Change Selected MPPs</b> ” to update it.
	<b>Fill Area UniVia</b>	Click a button in the form and click or draw on the current layout window as prompted.
	<b>Path Jumper</b>	Click to draw path/bus/shieldBus.
	<b>Bus Jumper</b>	Key <b>1,2,3...</b> to jump the drawing metal to m1, m2, m3... at next mouse click, Key “ <b>Backspace</b> ” to go back (undo) to previous point.
	<b>Shield Bus</b>	Click  button and draw a rectangle box over a bus to continue the bus.
	<b>Bus Joint</b>	Click to draw a box over starting bus headers, and click to draw another box over ending bus headers
	<b>V-Editor</b>	Invoke the advanced V-Editor module for polygon pushing and bus/net editing
	<b>Path Router</b>	Click to create auto routing. Click backwards to retreat routing of current segment. Key “ <b>Backspace</b> ” to go back (undo) to previous point. Key “ <b>ESC</b> ” to select one of multiple routing results or cancel the routing.
	<b>Bus Router</b>	For matched routing: Click “ <b>Sel...</b> ” button and click the starting point of a matched path. Then click to create matched routing.
	<b>Layer Handler</b>	To get layer info in the cellview or a local region. Filter layers, and assign the layer group to a button so that the layer display can be changed by clicking a button.
	<b>GetNet</b>	Includes: Select Net, Extract Net, Hilight Net etc. Click on a net to extract the entire net through all hierarchies to a separate cell view, with option to use Assura or DIVA for big nets.
	<b>Pin/Label Browser</b>	Select a pin/label in the list box to zoom in to the selected pin/label Click “ <b>Next</b> ” or “ <b>Previous</b> ” button to zoom into next/previous pin/label
	<b>Quick Label</b>	1) Type net names to “ <b>Input Labels:</b> ” field or select net names in the left box and click “ <b>==&gt;</b> ” button to set the label names in the right box. 2) Click in the layout window to place label(s) in the right box sequentially.
	<b>Draw Slot Path</b>	Click as if you are drawing a normal path.
	<b>Convert to Slot Path</b>	Select one or multiple big paths first and click “ <b>OK</b> ” or “ <b>Apply</b> ”.
	<b>UniFill (Coverage)</b>	Click “ <b>OK</b> ” or “ <b>Apply</b> ” after setting up the form.
	<b>Kits</b>	Includes other small useful functions: Cal Area/Perimeter, Fix Grid ....