

PCB Command reference ^{1 2}

Misc operations

backspace remove object
[S]/[C]Btn1 remove object
scroll wheel vertical pan
[S]scroll wheel horizontal pan
Btn1 current mode action
u undo operation
[S]r redo operation
[S]/[C]u clear undo-list
tab switch viewing side
cursor key move crosshair 1 grid
[S]cursor key! move crosshair 10 grid

Connections

[S]f reset found connections
f find connections
[S]backspace remove connections

User (:) commands

:DRC() check layout for rule violations
:l [file] load data file
:le [file] load element to buffer
:m [file] load layout to buffer
:q quit application
:rn [file] load netlist
:s [file] save data as file

Display

c center display
g increase grid spacing
[S]g decrease grid spacing
[C]m mark location
r clear and redraw output
z zoom in
[S]z zoom out
v zoom extents
[S]Btn3 temporary zoom extents

Selections

Btn2 select/deselect object
[S]Btn2 toggle object to selection
drag Btn2 select only objects in box
drag [S]Btn2 add box to selection
[S]m move selected to current layer

Copy and move

drag Btn2 move object or selection
drag [M]Btn2 copy object
drag [S][M]Btn2 override rubberband & move
m move to current layer

Pastebuffer

[C]x copy selected objects to buffer
and enter pastebuffer mode
[S][C]x cut selected objects to buffer
and enter pastebuffer mode
Btn1 in pastebuffer mode copy to layout
[S]F7 rotate 90 degree cc
[C]1..5 select buffer # 1..5

Sizing

s increase size of TLAPV³
[S]s decrease size of TLAPV
[M]s increase drill size of PV
[S][M]s decrease drill size of PV
k increase clearance of LAPV
[S] k decrease clearance of LAPV

Element

d display pinout
[S]d open pinout window
h hide/show element name
n change element name

Pin/pad

n change name
q toggle square flag

Via

F1 enter via-mode
[C]v increase initial size
[S][C]v decrease initial size
[M]v inc. initial drilling hole
[S][M]v dec. initial drilling hole
[C]h convert via to mounting hole

Lines and arcs

F2 enter line mode
F3 enter arc mode
l increase initial line size
[S]l decrease initial line size
period toggle 45 degree enforcement
/ cycle multiline mode
[S] override multiline mode

Polygon

F5 enter rectangle-mode
F6 enter polygon-mode
[S]p close path
insert enter insert point mode

Text

F4 enter text-mode
n edit string
t increase initial text size
[S]t decrease initial text size

Rats nest

w add all rats
[S]w add rats to selected pins/pads
e delete all rats
[S]e delete selected rats
o optimize all rats
[S]o optimize selected rats

¹<http://pcb.geda-project.org/>

²Obviously [S], [C], [M], F and Btn mean the shift, control, modifier1 (BTNMOD for buttons), function key and mouse button.

³TLAPV: text, line, arc, pin or via