WinSpice Interactive Commands

(Frequently used commands shown in **bold**.)

ac [(DEC | OCT | LIN) N Fstart Fstop]	Do an ac analysis.
alias [[word] alias]	Define an alias.
alter devspecs : parmname value	Alter device parameters.
asciiplot plotargs	Produce ascii plots.
bug	Report a WinSpice bug.
cd [directory]	**Change working directory.**
cdump	Dump the current control structures.
compose var parm=val ...	Compose a vector.
cross vecname n [vector ...]	Make a vector 'vecname' from the nth item in the list of vectors.
dc [args as for .dc]	Do a dc analysis.
define [[func (args)] stuff]	Define a user-definable function.
deftype spec name pat ...	Redefine vector and plot types.
delete [all] [break number ...]	Delete breakpoints and traces.
destroy [all][plotname] ...	**Throw away all the data in the plot.**
diff plotname plotname [vec ...]	'diff' two plots.
display	Display vector status.
disto [args as for .disto]	Do an distortion analysis.
dump	Print a dump of the current circuit.
echo [stuff ...]	Print stuff.
edit [filename]	**Edit a spice deck and then load it in.**
four fund_freq vector ...	Do a fourier analysis of some data. See 'fourier'.
fourier fund_freq vector ...	Do a fourier analysis of some data.
function [[func (args)] stuff]	Define a user-definable function. See 'define'.
hardcopy file plotargs	**Produce hardcopy plots.**
help [command name] ...	help.
history [-r] [number]	Print command history.
iplot [all] [node ...]	**Incrementally plot a node.**
let varname = expr	Assign vector variables.
linearize [vec ...]	Convert plot into one with linear scale.
listing [logical][physical][deck][expand]	**Print the current circuit.**
load file ...	Load in data.
noise [args as for .noise]	Do a noise analysis.
oldhelp [command name] ...	Print help.
op [args as for .op]	Determine the operating point of the circuit.
plot expr ... [vs expr] [xl xlo xhi] [yl ylo yhi]	**Plot things.**
print [col] expr ...	Print vector values.

pz [args as for .pz]	Do a pole/zero analysis.
quit	**Quit WinSpice.**
rawfile [rawfile][OFF]	**Send subsequent simulation output to a rawfile.**
reset	Terminate a simulation after a breakpoint (formerly 'end').
reshape vector ... [shape]	change the dimensions of a vector.
resume	Continue after a stop.
run [rawfile]	**Run the simulation as specified in the input file.**
rusage [resource ...]	Print current resource usage.
save [all] [node ...]	Save a spice output.
sens [args as for .sens]	Do a sensitivity analysis.
set [option] [option = value] ...	Set a variable.
setcirc [circuit name]	Change the current circuit.
setplot [plotname]	**Change the current working plot.**
setscale [vecname]	**Change default scale of current working plot.**
settype type vec ...	Change the type of a vector.
shell [args]	Fork a shell, or execute the command.
shift [var] [number]	Shift argv or the named list var to the left.
show devices ...	parameters ...
showmod models ...	parameters ...
source file	**Source a WinSpice file.**
spec start_freq stop_freq step_freq vector ...	Create a frequency domain plot.
status	Print the current breakpoints and traces.
step [number]	Iterate number times, or one.
stop [stop args]	Set a breakpoint.
strcmp varname s1 s2	Set $varname to strcmp(s1, s2).
temp [temp] ...	Define a temperature or a list of temperatures.
tf [output_node input_source]	Do a transfer function analysis.
trace [all] [node ...]	Trace a node.
tran [args as for .tran]	Do a transient analysis.
transpose varname ...	Perform matrix transposition on multi-D vectors.
tutorial [subject] ...	**Hierarchical documentation browser.**
unalias word ...	Undefine an alias.
undefine [func ...]	Undefine a user-definable function.
unlet varname ...	Undefine vectors.
unset varname ...	Unset a variable.
version [number]	Print the version number.
view view ...	Dummy command for IsSpice compatibility.
where	Print last non-converging node or device
write [file [expr ...]]	Write data to a file.