

## Chapter 4: Input Netlist and Data Entry

### Input Netlist File Guidelines

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## Hierarchy Paths

- A period (.) indicates path hierarchy.
  - Paths can be up to 1024 characters long.
  - Path numbers compress the hierarchy for post-processing and listing files.
  - You can find path number cross references in the listing and in the *<design>.pa0* file.
  - The `.OPTION PATHNUM` controls whether the list files show full path names or path numbers.
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## Numbers

You can enter numbers as integer, floating point, floating point with an integer exponent, or integer or floating point with one of the scale factors listed in Table 6.

*Table 6 Scale Factors*

Scale Factor	Prefix	Symbol	Multiplying Factor
T	tera	T	1e+12
G	giga	G	1e+9
MEG or X	mega	M	1e+6
K	kilo	k	1e+3
MIL	n/a	none	25.4e-6
M	milli	m	1e-3
U	micro	$\mu$	1e-6
N	nano	n	1e-9
P	pico	p	1e-12
F	femto	f	1e-15
A	atto	a	1e-18

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