

The following netlist will output the subcircuit port waveforms:

```
.OPTION POST PROBE
x3 1 2 inv
  .subckt inv in out
    mn out in 0 0 nch w=1u l=90n
    mp out in 1 1 pch w=1u l=90n
  .ends
.PROBE tran v(x1.in) v(x1.out)
```

Print Control Options

The codes that you can use to specify the element templates for output in HSPICE or HSPICE RF are:

- `.OPTION INGOLD` for output in exponential form.
- `.OPTION POST` to display plots using an interactive waveform viewer.

HSPICE supports the following plot file formats: `*.tr#`, `*.ac#`, and `*.sw#`. If a plot fails to open, it is due to one of the following reasons:

- The waveform file format is not supported.
- The file format is not understood.
- The file is not found.
- The file is larger than max size of (x).

Changing the File Descriptor Limit (HSPICE Only)

A simulation that uses a large number of `.ALTER` statements might fail because of the limit on the number of file descriptors. For example, for a Sun workstation, the default number of file descriptors is 64, so a design with more than 50 `.ALTER` statements probably fails, with the following error message:

```
error could not open output spool file /tmp/tmp.nnn
a critical system resource is inaccessible or exhausted
```

To prevent this error on a Sun workstation, enter the following operating system command, before you start the simulation:

```
limit descriptors 128
```

For platforms other than Sun workstations, ask your system administrator to help you increase the number of files that you can open concurrently.