
SUPREM

SSUPREM3 and **TSUPREM-4** are licensed products, and *use is restricted to students in EECS courses at UCB.*

SSUPREM3:

- SSUPREM3 is licensed software from [Silvaco International](#). Please see </usr/pub/silvaco.help> for information about usage and licensing.
- There is no WEB interface for SSUPREM3, but it has a good [X Windows](#) graphical interface.
- Login to any workstation, then [login to your Instructional UNIX account](#) on `mingus.eecs.berkeley.edu` using [ssh](#). The basic commands are:
 - 1) Start XWindow manager on your computer if necessary (Exceed, etc)
 - 2) Login to `mingus.eecs.berkeley.edu` (using 'ssh')
 - 3) 'cd' to the directory where you want to store files
 - 4) Check out a license: (EECS students only!)
 - Run: `/share/n/silvaco/eecad/bin/eecad_access`
 - An "e*ECAD Remote Access" window will pop up.
 - Enter Login: `eeconst`
 - Enter Password: `ssuprem3`
 - You only need to check out a license once, each time you login.
 - 5) Run: `/share/n/silvaco/hpux11/bin/deckbuild &`
 - and to run a demonstration:
 - 6) Right-click on "Main Control", select "Examples..."
 - 7) Scroll to bottom,
 - Double-left-click on "SSUPREM3: 1-D Process Simulation"
 - Double-Left-click on "MOS1: MOS Application Examples" or etc
 - Double-Left-click on an input file, such as "s3ex01.in"
 - Read about the example.
 - 8) Click on "Load Example".
 - It will appear in the initial deckbuild window.
 - 9) In the deckbuild window, click "run".
- [Avant! Corp](#) no longer develops or maintains SUPREM3, and they have not renewed our license for that product. They have donated licenses for TSUPREM-4 instead. (October 2000)

TSUPREM-4:

- TSUPREM-4 is licensed software from [Avant! Corp](#). Please see </usr/pub/tma.help> for usage and release notes for TSUPREM-4 and other Avant! (formerly TMA) products on the EECS Instructional workstations, including the CONFIDENTIALITY AGREEMENT.

- TSUPREM-4 can be run through our password-protected **WEB site**: <https://mingus.eecs.berkeley.edu/~cad/tmasuprem>, using the login and password of any EECS [Instructional UNIX account](#).
- TSUPREM-4 can also be run **directly on mingus.eecs** (not through the WEB) using [X Windows](#) at the graphics console of a workstation or PC. This provides all the features of TSUPREM-4 and is usually faster.

Login to any workstation, then [login to your Instructional UNIX account](#) on mingus.eecs.berkeley.edu using [ssh](#). The basic commands are:

- 1) Start XWindow manager on your computer if necessary (Exceed, etc)
- 2) Login to mingus.eecs.berkeley.edu (using 'ssh')
- 3) Enter the UNIX commands:

```
mkdir ~/suprem; chmod 777 ~/suprem    (only the first time)
cd ~/suprem
set path = (/share/n/tma/bin $path); rehash
setenv LM_LICENSE_FILE /share/n/tma/license/license.dat
tsuprem4
```

 Examples of input files are in `/share/n/tma/suprem3_6.1.1/examples` and `/share/n/tma/tsuprem4_6.6.0/examples`. SUPREM wants to use a Motif-based window manager, so students who have a "SESSIONTYPE" entry in their `~/.dtprofile` file should remove the entry and login again. ("SESSIONTYPE" is used to invoke an alternate window manager.)
