

NAME

getepslay - make a postscript file from a mask layout

SYNOPSIS

getepslay [-vsbtTFr] [-w width | -h height | -l lambdascale]
 [-o masklist | -n masklist] [-p style | -P techfile] cellname

OPTIONS

Getepslay understands the following options:

- v** Verbose mode.
 - r** Rotate the picture so that x-axis is along the long side of the paper.
 - b** Include a bounding box around the layout.
 - t** Plot terminals with a cross and the terminal name.
 - T** Simulate transparency of the interconnect layers.
 - F** Simulate full transparency of all layers. Implies **-T**.
 - s** Include symbolic masks. They are excluded by default.
 - o masklist**
 Process only the masks in *masklist*. *Masklist* is a comma- or blank-separated list of masknames.
 - n masklist**
 Exclude the masks in *masklist* from processing.
 - w width**
 Specify width of picture in cm.
 - h height**
 Specify height of picture in cm.
 - l lambdascale**
 Specify the lambda scale, i.e. the number of lambda's per centimeter.
 - p style** Specify the file "*epslay.style*" in the appropriate section of the Nelsis process library as the technology file. The technology file defines the appearance of the plotted layout. The default file is "*epslay.def*".
 - P techfile**
 Specify another technology file.
 - e** Assume the layout is already expanded, do not run the makeboxl and makegln preprocessors.
- In case more than one of the **-w**, **-h** and **-l** options is used, the last setting overrides. Similarly for **-p** and **-P**, and for **-o** and **-n**.

DESCRIPTION

Getepslay is a program that creates a postscript file from a layout, whereby each mask is plotted with a particular stipple pattern as specified in a technology file. The file may then be printed on any postscript printer, or included in a document created with, for example, TeX or troff.

The output is in the file *cellname.eps*.

The postscript produced is well behaved, and apart from a showpage command, it is encapsulated postscript.

The default picture size is A4, minus some small margins.

To modify the appearance of the layout, the resulting postscript can be edited. Alternative technology files can also be specified by using the **-P** or **-p** option.

Warning: when using the **-T** or **-F** option, the resulting output file can be much larger than when not using one of these options. For large designs, the output file can nearly double in size.

EXAMPLES

```
exp -g flipflop
getepslay -P epstech.c3tu -w12 flipflop
```

AUTHOR

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FILES

ICDPATH/share/lib/process/*process*/epslay.def
default element definition file.

ICDPATH/share/lib/epslay.pro
default postscript prolog file, common for all technologies.

SEE ALSO

mplot (1ICD), getepslay (4ICD).