GDSVU

GDSII View & Plot for UNIX

GDSVU is a low cost easy-to-use tool to view stream data used for masks. The program is optimized to quickly load and display any valid GDSII file.

You can select the structure to view and also how many levels of hierarchy to look down through. Each layer can be assigned a unique color and fill pattern. Structures can be ID'd as well as strings of text and the individual vertices of paths and boundaries. Critical dimensions can easily be measured.
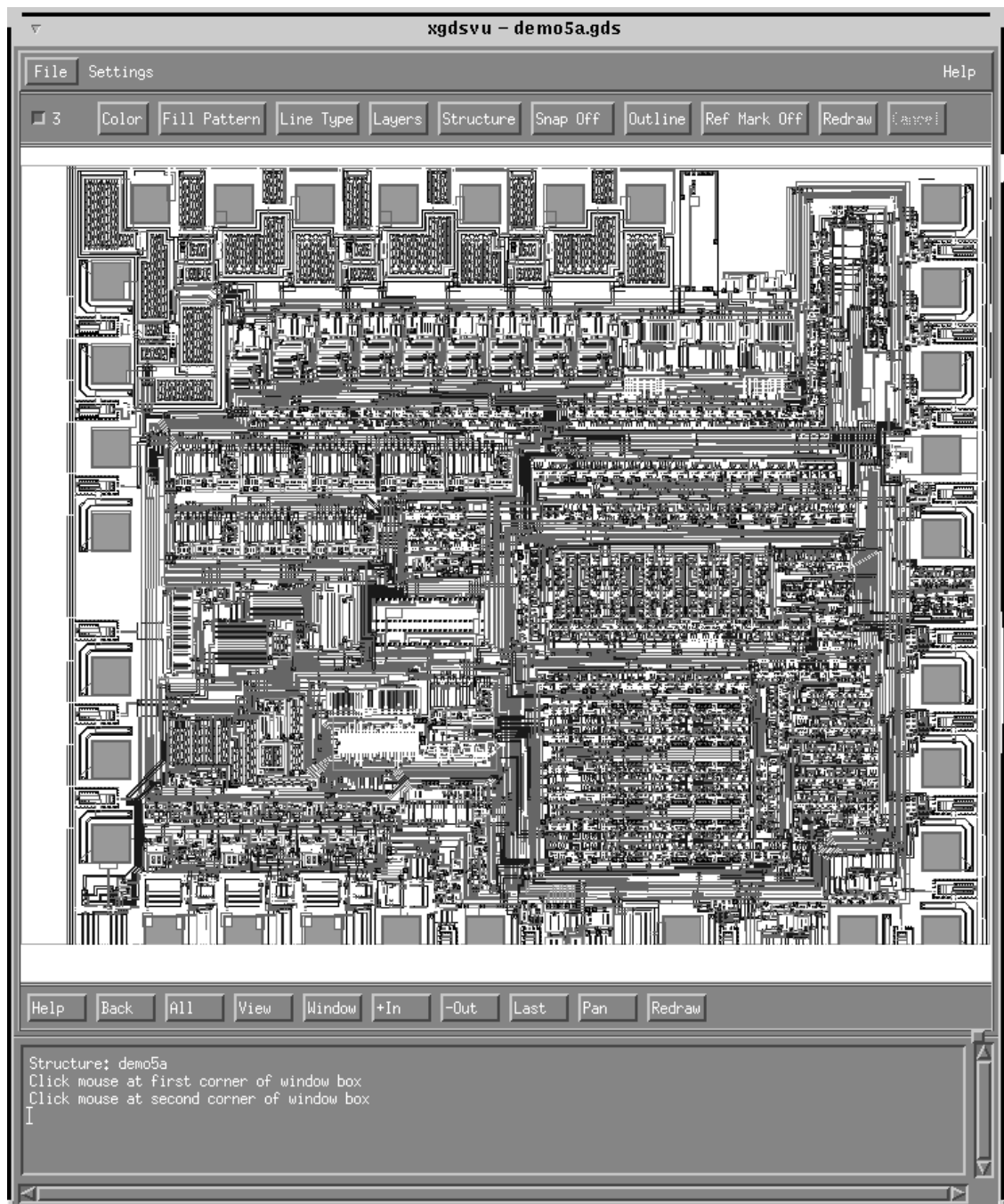
Features

- ■ *Runs on major UNIX platforms*
- ■ *Floating Network License*
- ■ *Plot to Lasers and Inkjets*
- ■ *Customizable Fill Patterns*
- ■ *Measure Critical Dimensions*

File Settings

GDSVU remembers your preferences such as background color, default layer fill pattern file, last directory used, display of text and markers.
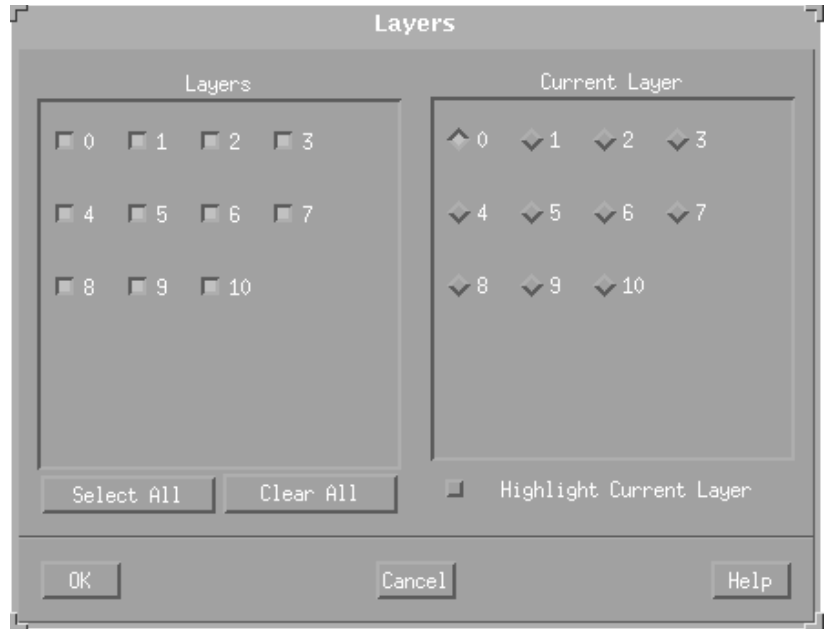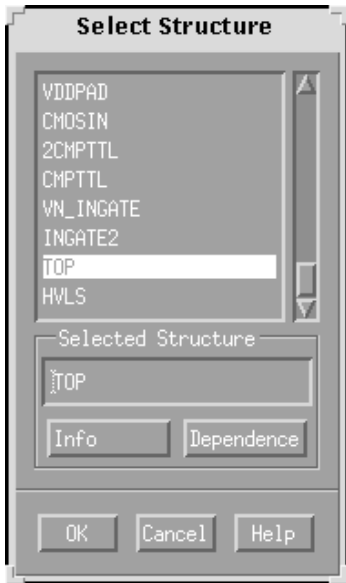
Info

Click on a structure to get its name, mag, insertion coordinates and rotation. Click on a boundary vertex to get coordinates, layers and number of sides. Click on a string of text to get mag, rotation, insertion point and reference location.


```
xgdsvu - demo5a.gds

File   Settings                                                    Help

□ 3   Color  Fill Pattern  Line Type  Layers  Structure  Snap Off  Outline  Ref Mark Off  Redraw  Cancel
```

```
Help   Back   All   View   Window   +In   -Out   Last   Pan   Redraw
```

```
Structure: demo5a
Click mouse at first corner of window box
Click mouse at second corner of window box
```
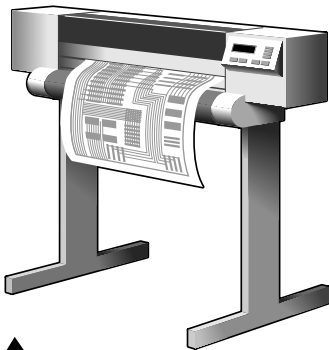
Layer Selection

From this menu you quickly and easily turn on or off any of the GDSII layers containing data. ▶

Layers

Layers

☐ 0 ☐ 1 ☐ 2 ☐ 3

☐ 4 ☐ 5 ☐ 6 ☐ 7

☐ 8 ☐ 9 ☐ 10

Current Layer

◆ 0 ◇ 1 ◇ 2 ◇ 3

◇ 4 ◇ 5 ◇ 6 ◇ 7

◇ 8 ◇ 9 ◇ 10

[Select All]   [Clear All]   ☐ Highlight Current Layer

[OK]   [Cancel]   [Help]

Select Structure

VDDPAD
CMOSIN
2CMPTTL
CMPTTL
VN_INGATE
INGATE2
TOP
HVLS

─ Selected Structure ─

TOP

[Info]   [Dependence]

[OK]   [Cancel]   [Help]

▲

Structure Selection

GDSVU can display any structure and all data referenced by that structure. To select the structure to view just scroll through the list and pick its name. If you want to know about the structure click on Info. If you want to see what other structures lie below this one click on Dependence.
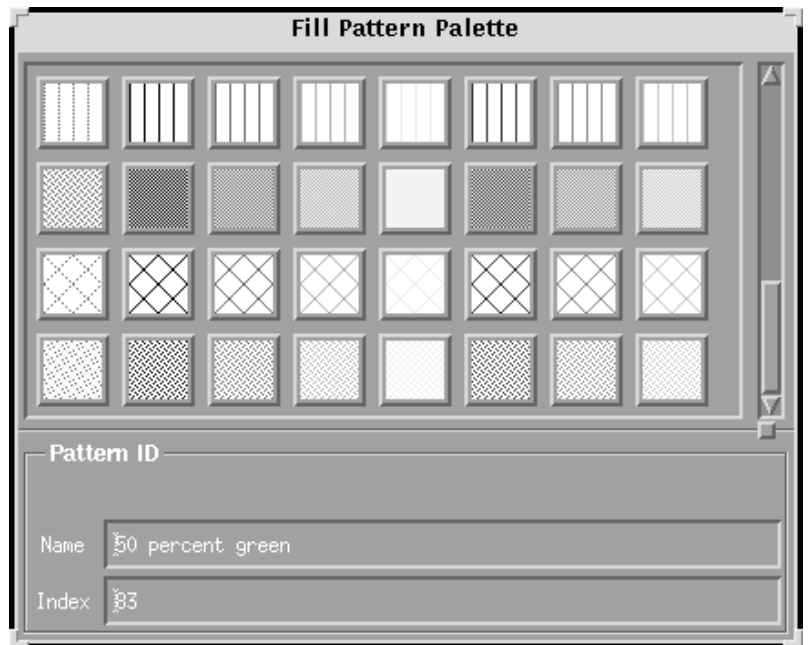

▲

Plotting

GDSVU supports plotting to HP's LaserJet and color inkjet family of plotters with page sizes up to 11 x 17 inches. For larger plots use our GDSPLOT dedicated plotting software that supports multi-threading and banding.

Fill Pattern Palette

GDSVU supports up to 1024 custom fill patterns. Users can easily design their own fill patterns. The display and plotting fill patterns match exactly. There are special fill patterns for vias and contacts that enable you to see through the via. ▼

Fill Pattern Palette

─ Pattern ID ─

Name   50 percent green

Index   83

Platforms   SunOS   Solaris   HPUX   AIX