



Pinebush Technologies HyperPlot[®] 6.0

Best Performance, Largest Capacity, Lowest Total Cost

With thousands of users, HyperPlot is the established global leader in software applications for EDA. The worldwide I.C. design community has accepted few software applications to such a great extent, making HyperPlot a true industry standard for plotting IC design data.

Long recognized as the premiere, high performance tool for plotting of IC data, HyperPlot also offers the best value in EDA tools. In addition to powerful features such as the HyperViewer w/Annotation[™], HyperPlot offers a variety of packages of bundled suites of input and output formats, and ownership models designed to meet the diverse and evolving needs of the design community.

HyperPlot XL is the fastest graphics rasterizer available in the market supporting the largest designs. Pinebush Technologies continues to enhance the HyperPlot raster engine to ensure that customers can plot their chip data as fast as possible.

HyperPlot supports multiple EDA industry formats, as well as a variety of industry standard graphics formats. In addition, HyperPlot supports virtually every wide format plotter, as well as most desktop printers. Besides hardcopy, the engineer can also save the rasterized image to multiple graphics formats for documentation and communication purposes.

The HyperPlot Advantage

Highest Quality Standards

Full Regression Testing

World's Fastest

64 Bit Architecture

Unlimited File Size

Unlimited Plot Size

Full Cadence Integration

Full PostScript Integration

Cross Platform Integration

Multiple Architecture Support

HyperPlot 6.0 Upgrades

Cadence 6.1

Oasis format

Rasterize to PDF

HyperPDF for Unix

HP T1100 Support

HP 4500 Support

HyperVibe Integration

HyperViewer w/Annotation

64-bit Linux

Solaris on x86

- Cadence
Oasis
GDS-II
MEBES
CIF
- Postscript
HP-GL/2
- PDF
GIF
TIFF
JPEG

HyperPlot[®]
Raster Engine

**HyperViewer
with
Annotation**



**PDF
TIFF
JPEG**



HyperPlot Input Formats, Output Formats, and Supported Output Devices

HyperPlot Input Formats: New functionality is continually added to HyperPlot through additional input formats to provide a complete and versatile solution for your printing and plotting requirements. HyperPlot offers these file input formats:

**Oasis • PDF • GDS-II Stream • GIF
Cadence DFII • TIFF • Cadence Open Access
JPEG • MEBES • HP-GL/2 • CIF • PostScript**

Supported Output Devices: Hewlett Packard, Calcomp, Encad, Selex, Xerox, Seiko, Versatec, PostScript devices, PCL desktop printers, HP-RTL compatible devices

HyperPlot Output Formats: Many graphics output formats are included for documentation and email purposes. The rasterized output can be saved to JPEG, TIFF, Postscript, and PDF formats.

HyperPlot Value Added Features

HyperPlot Graphics Formats: HyperPlot includes significant value for Internet and general publishing capabilities. These formats include PostScript, GIF, TIF, PDF, and JPEG inputs; plus the PostScript and PCL output drivers. This group of modules makes it simple and easy to accomplish the general publishing tasks of your organization through HyperPlot along with drivers for your desktop printers to complement wide format plotters.

HyperPDF: This module comes in two components. The first element provides the user the ability to rasterize their chip layout to PDF format. This functionality provides engineers with a way to create PDF images of their Cadence, Oasis, GDS-II, or Mebes integrated circuit design. The second component of HyperPDF provides a printer driver plug-in for all users to save any document directly to PDF format. Now, HyperPlot with HyperPDF

provides functionality for all design engineers and not just the physical design engineer.

Full Cadence Database Integration: HyperPlot offers true, direct integration to the Cadence database. Customers on a tight schedule cannot afford the translation time to GDS-II before beginning the rasterization process. Many parts of the Cadence database cannot be converted to GDS-II and are thus lost in a translation. HyperPlot is tightly integrated to the Cadence environment providing full database access, allowing the customer to print the actual design data, eliminate errors associated with conversion, and remove the time associated with the data translation.

Full Bi-directional PostScript Integration:

HyperPlot provides full PostScript integration for both input and output of data. This means that the user can both read PostScript files of any size into HyperPlot, and is able to print any design data format such as Oasis, GDS-II Stream, or Cadence database to PostScript printing devices. This provides a better utilization of printing devices and more flexibility to get the most from your printing assets. PostScript integration for HyperPlot opens up the customer's printing world to accommodate data from virtually any application, and the ability to direct that data to any kind of output device.

HyperViewer Plot Previewer/Editor: HyperViewer with Annotation allows for not only the high speed viewing of the rasterized data prior to print, but is also enhanced to provide full markup, editing, and annotation of the plot including resizing, windowing, and cropping. HyperViewer additionally includes a spatially organized index to view multi-stripped plots, the ability to preset default preferences, and a "Save As" feature. HyperViewer is a tremendous, time saving, material saving, and customization tool.

Multiple Architecture Support: HyperPlot runs under several different operating systems to fit into the customers environment. HyperPlot will run on lower cost hardware for desktops, running Linux or Solaris x86, as well as on higher power server class hardware.

HyperPlot Bundled Solutions

HyperPlot XL Suite Plus: The bundled package includes all of the HyperPlot input formats, including, GDSII, Cadence DFII, Mebes, CIF, GIF, TIFF, JPEG, Postscript, and PDF. The bundle also includes all plotter drivers plus JPEG, TIFF, PDF, and Postscript format outputs. HyperPlot Suite Plus also includes HyperViewer w/Annotation post-rasterization viewer.

HyperPlot XL Suite: This package includes all of the same modules as the Suite Plus package, except for Cadence DFII format and Postscript integration. Customers who use a physical design flow other than Cadence can opt for this suite.

HyperPlot Suite Basic: This economical, value package includes only GDSII and one printer output format of choice. This basic suite also includes HyperViewer w/Annotation.

	Suite Plus	Suite	Basic
Input Formats			
GDSII	×	×	×
Cadence	×		
Oasis			
Mebes	×	×	
CIF	×	×	
GIF	×	×	
TIFF	×	×	
JPEG	×	×	
PostScript	×		
PDF	×	×	
Output Formats			
JPEG	×	×	
TIFF	×	×	
Postscript	×		
PDF	×	×	
Supported Plotters			
Hewlett-Packard	×	×	With Basic package
Calcomp	×	×	you have your choice
Encad	×	×	of 1 supported plotter
Selex	×	×	
Xerox	×	×	
Versatec	×	×	
Seiko	×	×	
Postscript Devices	×	×	
PCL desktop printers	×	×	
HP-RTL compatible devices	×	×	
Additional Features			
HyperViewer w/Annotation	×	×	
HyperVibe			

About Pinebush Technologies, Inc.

www.pinebush.com

PINEBUSH Technologies, Inc., located in Albany, NY, is a worldwide leading developer and supplier of high performance visualization and analysis software for semiconductor (EDA), IC, CAD, GIS, A/E/C, engineering, mapping, scientific, and other technical applications. Pinebush Technologies' products are distributed exclusively by The Shearwater Group, Inc.

Contact:

George Chandler
President/CEO

The Shearwater Group, Inc.
(214) 397-0040

george@shearwater.com