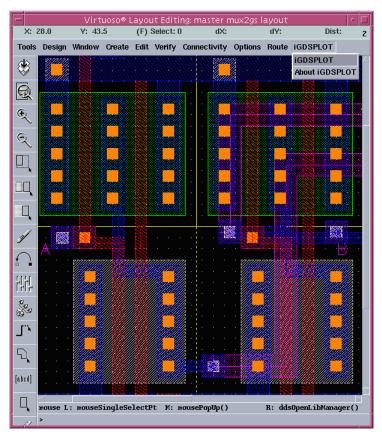
IGDSPLOT Plot Interface to Cadence Virtuoso/DFII



iGDSPLOT is a Skill interface that enables users of Cadence's Virtuoso layout tool to plot directly from within Virtuoso using the high speed GDSPLOT engine. The interface gets the required plotting information from a dialog box and then takes care of the plotting work in the background.

The interface has been tested on DFII 4.43 through 4.46. As Cadence updates their DFII release we will also update the interface as needed.

To plot a design use the **iGDSPLOT** pulldown and select **iGDSPLOT**.

The iGDSPLOT pulldown from Cadence Virtuoso.

The Main iGDSPLOT Dialog Box

Once all of your settings are established you can plot directly from the main dialog box.

Cell View

Prints the cell under consideration.

Viewing Area

Prints the current display extents.

Window

Use the mouse to window an area to plot or you can type in the plot coordinates.

IGDSPLOT	
OK Cancel Apply	Help
Plot: Cellview Viewing Area Window Arba: ((0.0 0.0) (74.429 53.5)) Select	
Include: 🛛 Legend 🗳 Header 🖾 Ruler Notes: 🛛	
Plotter Configuration: Default =	
Preferences Stream Settings Display Options Plotter Setu)

	iGDSPLOT Preferences					
OK Cancel	Help					
Color and Fill Pa	attern Generation: Automatic Manual					
Device:	display 📼					
Map File:	port/home/cad_util/gdsplot/bin/gdsplot.map					
Pattern File:	port/home/cad_util/gdsplot/bin/colfill.pat					
Working Dir.:	/space/home/andrev]					
Delete Intermediate Files						
Close Log Window when Plot is Complete						
Display Log File when an Error Occurs View Log						

iGDSPLOT Stream Settings

The Stream Settings dialog allows flexibility in the way that iGDSPLOT creates a stream file.

There are three available modes:

Automatic

The required number of stream layers and data types will be generated without any other input.

Technology File

The stream settings from the technology file will be used.

iGDSPLOT Preferences

- Color and Fill Pattern can be set to Auto or Manual.
- Multiple Device and Display Options.
- User specified Working directory to store stream and temporary raster files.
- Option to Automatically close log window when plot is complete.
- Option to Display Log File when Errors Occur.

_		IGDSF	LOT Stream	Settings	
ок	Cancel				Help
Layer Map Generation: Automatic Technology File Manual					
Мар	File:				

Manual

This mode allows the user to specify a stream layer map file to use.

Boundary / Path Control

■ Effective Page Width

Stripe and Measure

iGDSPLOT Display Options

Scale

Striping

Allows the user to control the display of:

- Arrays
- Levels of Hierarchy
- Area
- Paper Width
- Orientation
- Rasterization Memory
 - ARTWORK CONVERSION SOFTWARE, INC.

417 Ingalls St. Santa Cruz, CA 95060 Tel 831.426.6163 Fax 831.426.2824 email: info@artwork.com WEB www.artwork.com

- iGDSPLOT v2.28: Display Options							
OK Cancel Help							
Array: Outline Outer Rows/Columns Full Design Boundary/Path Control: Trace Solid Outline Display Levels of Hierarchy:							
Scale: 40000[Calculate Area Area: 117.210789 x 84.251800 inch cm mm Image: Use Striping (Roll Plotters Only) Calculate Stripes							
Paper Width: 36 inch Effective Page Width: 35 inch							
Orientation:							
Stripe 1 of 4 measures 29 of 118 inch							
Stripe 1: 29 Stripe 2: 30 Stripe 3: 29 Total User Width: 118 inch							
Rasterization Memory (MB): 200							
Swap Memory (MB): 200							