Plotting Layouts

Last updated 2/24/19

Plotting Layouts

Please do not waste plotter resources

Carefully review your design and plot dimensions before submitting plots to the plotter

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Plotting Layouts

- In MAX, save a copy of your design as a GDS file

- In Ubuntu – traverse to the file folder with your file and select copy

- In Ununtu – traverse to the Ubuntu_Windows_Share folder and select paste

- You now have a copy of the GDS file available to Windows

Plotting Layouts

- In Windows – start GDS PLOT
  - Select GDSII File
    - Go to your Ubuntu_Windows_Share directory
    - Select your .gds file
    - Scan or rescan the file when asked

- Configure Options
  - Leave defaults

- Plot/Page Definitions
  - Select Scale or Fit (preferred)

Plotting Layouts

- Setup Plotter Parameters
  - Plot Setup
    - Select plotter type (RTL)
    - \\printers.ad.msoe.edu\MSOE Plotting
  - Page Setup
    - Default should be 24x36
    - Select Fit

- Setup Layer Fills and Colors
  - Load
  - Select your saved file – msoe25_gds.map
  - Save – you must say save

Plotting Layouts

- Before Plotting
  - View GDSII Data
    - Inspect the design

- Start Plotting

- Send an email to the help desk
  - Ask them to release your plot
  - Be sure to tell them to put it in CAD mode

- Exit

- Pick up your plot in CC71

Plotting Layouts

- You can also select the regular printers

- There is a color printer in the Library
  - It costs $0.30 / page
  - Please use this for small plots