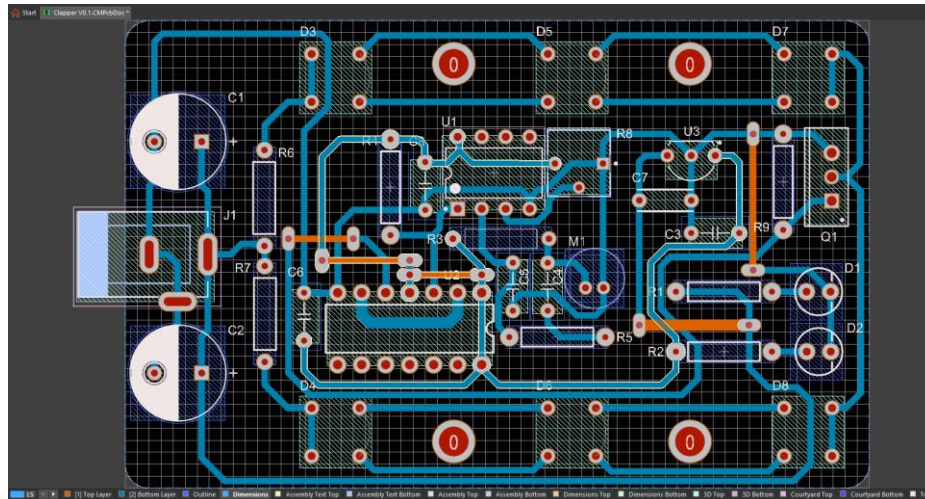




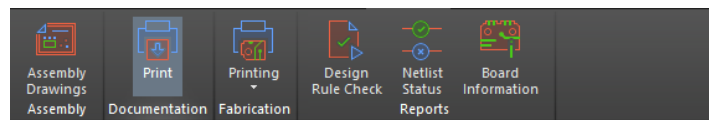
## HOW TO PRINT A STENCIL FROM CIRCUITMAKER

by Robin Verbruggen  
Version 2022-01-25

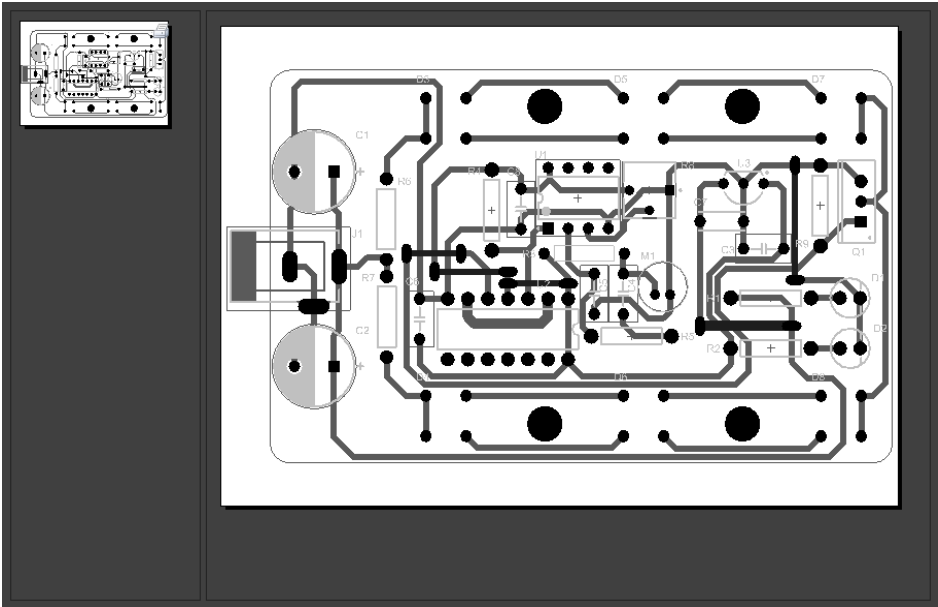
- 1) Open your finished CircuitMaker PCB.



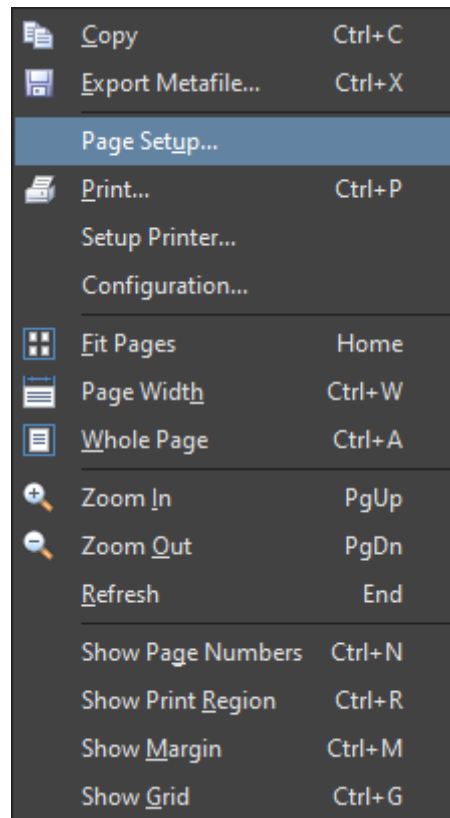
- 2) Go to Output and select print.



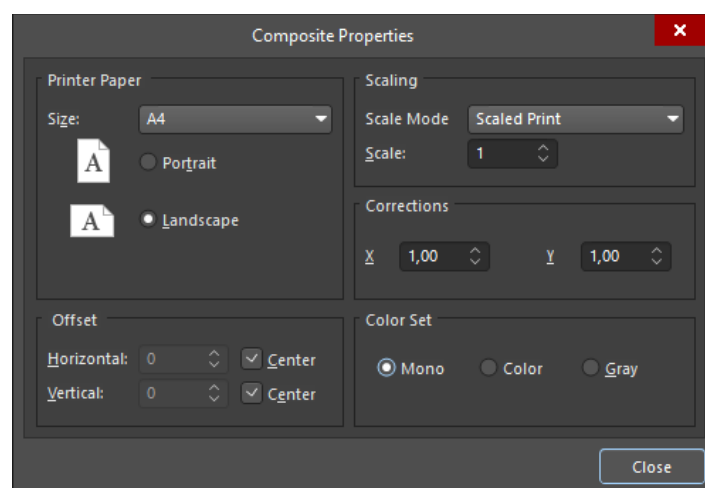
- 3) A window pops up with a print preview. You noticed:
  - a. The print is not to scale.
  - b. Too many parts and lines are visible (this will create short circuits when printed and etched).



4) Right click on the print preview and select "Page setup...".



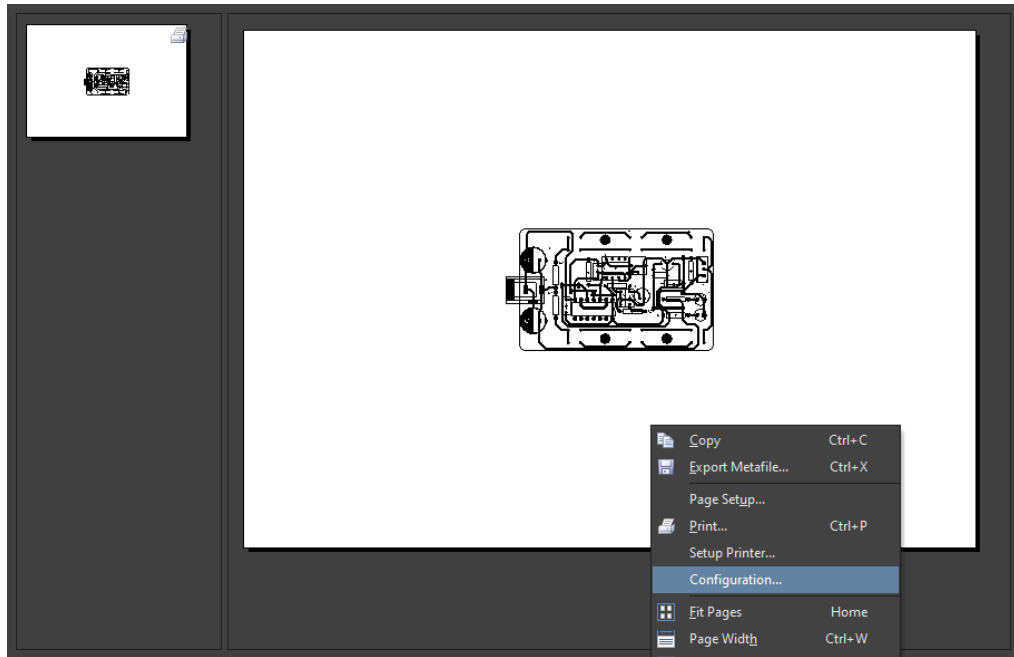
- 5) Set the right print parameters:
- Select scaled print.
  - Set scale to 1.00
  - Set colour to mono (so you have a black stencil and no light will penetrate).



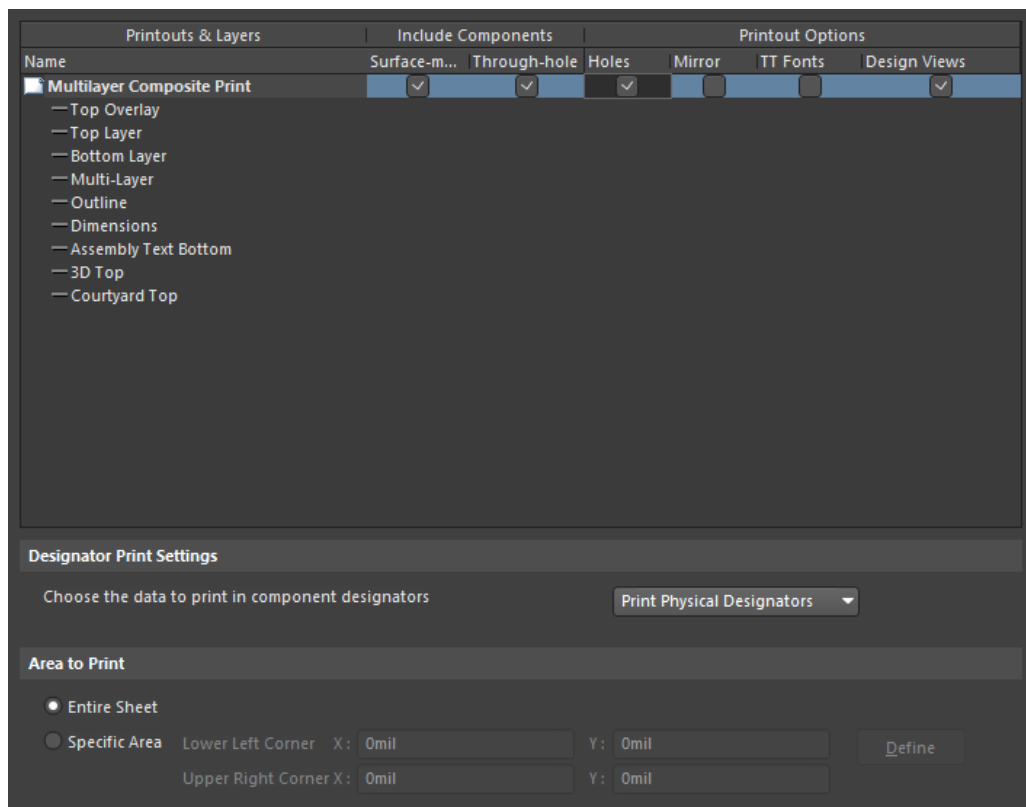
6) Click OK.



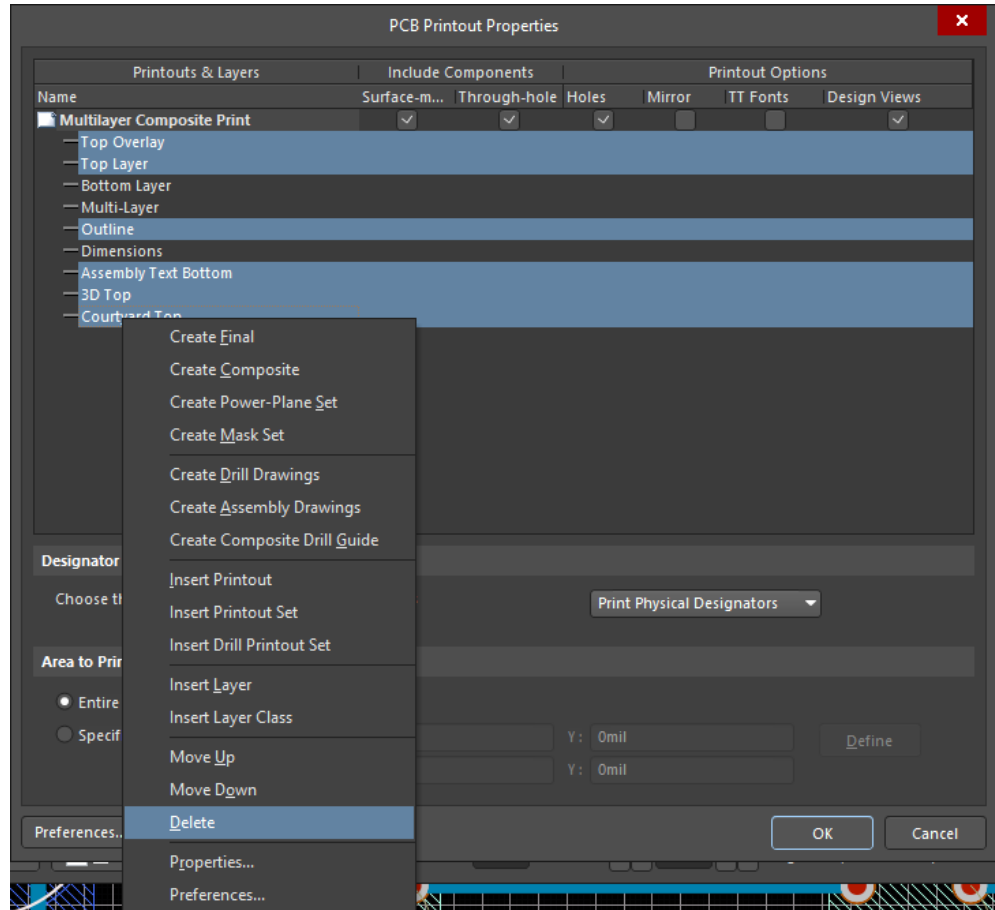
7) Right click on the print preview and select "Configuration...".



8) Tick the "Holes" checkbox (this removes the hole from your pad so you know where to drill).



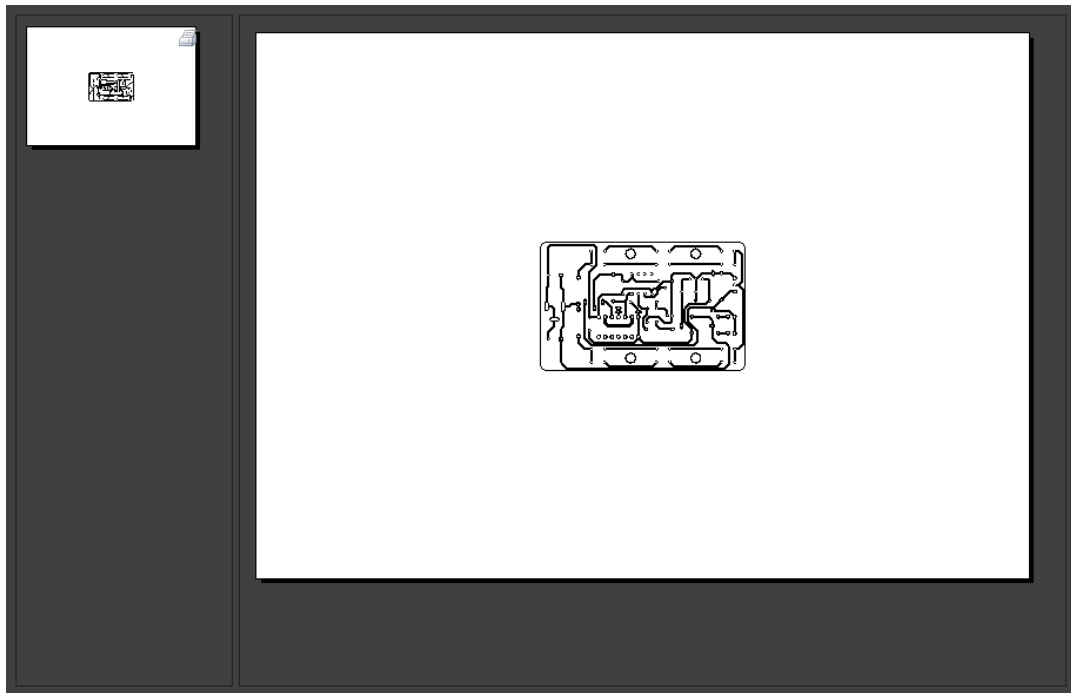
- 9) Select and delete all the layers except:
  - a. Bottom layer
  - b. Multilayer
  - c. Outline or Dimensions (or whatever mechanical layer you used to draw your board edge on).



- 10) Click OK.



11) You are now ready to print your design.



12) If you want to create a double layer design you should repeat step 9 but instead of removing the top layer you need to remove the bottom layer. Keep in mind you need two different stencils for top and for bottom layer.