**RICOH PRINTER - PARCHMENT PAPER PRINTING**

This guide is for my RICOH laser printer. Unlike the HP one we had at home, this one does not have a flat feeding tray (has a inclined vertical one) and from my tests it seems very finicky about accepting parchment paper.

If not inserted properly, the paper jams and sometimes even does not go in properly, or comes out crumpled and all.

**DIPTRACE - REMOVING WHITE BAND AROUND EXPORTED IMAGES**

Diptrace puts in a extra white band around exported images. Need to remove this before making the drawing in Inkscape.

To do this,

1. open image in irfanview

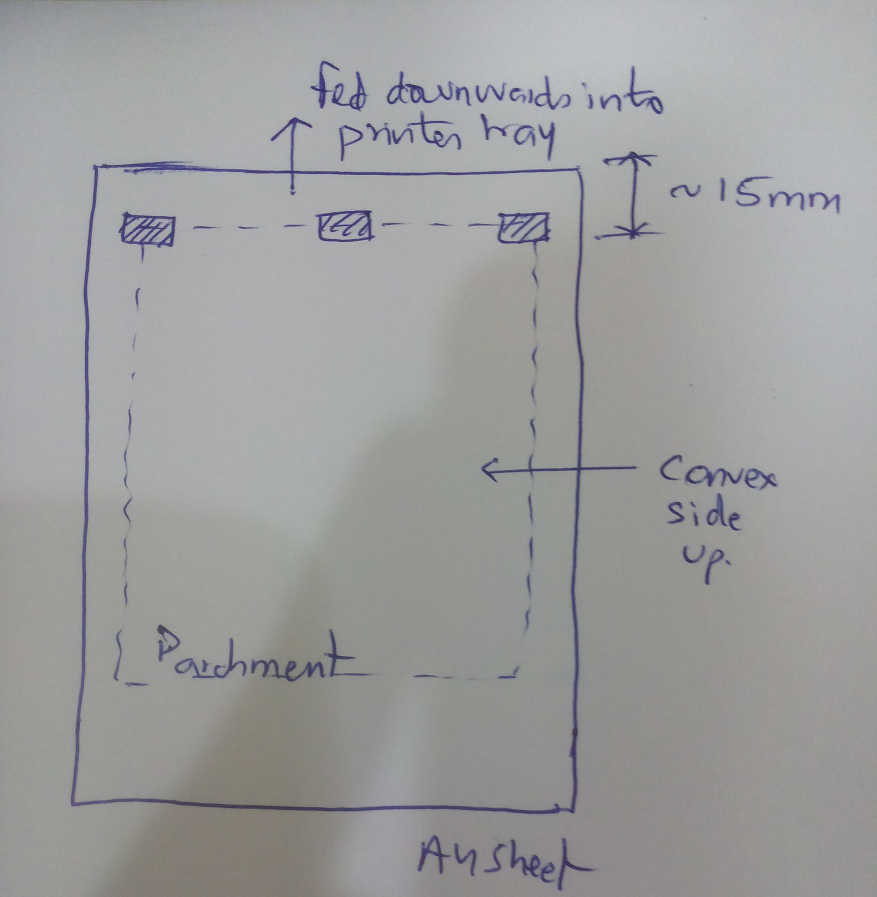
2. Edit -> Autocrop image borders (ctrl+shift+y)

This will remove the band from image border. Now save as bmp. Open in Inkscape and resize to pcb size (in mm)

**IMPORTANT THINGS TO ENSURE :**

1. Paste the **parchment paper on a regular A4 sheet with the CONCAVE side of parchment paper on the top (the image will be printed here) !. if you put the convex side, the printing is not even (there are lot of white specs in the printed area).**

2**. Attach the parchment paper approximately 15mm from the top edge** of the a4 sheet.



3. This **top edge of the sheet will be fed first into the printer. Draw a small arrow pointing upwards (towards the edge of the sheet).**

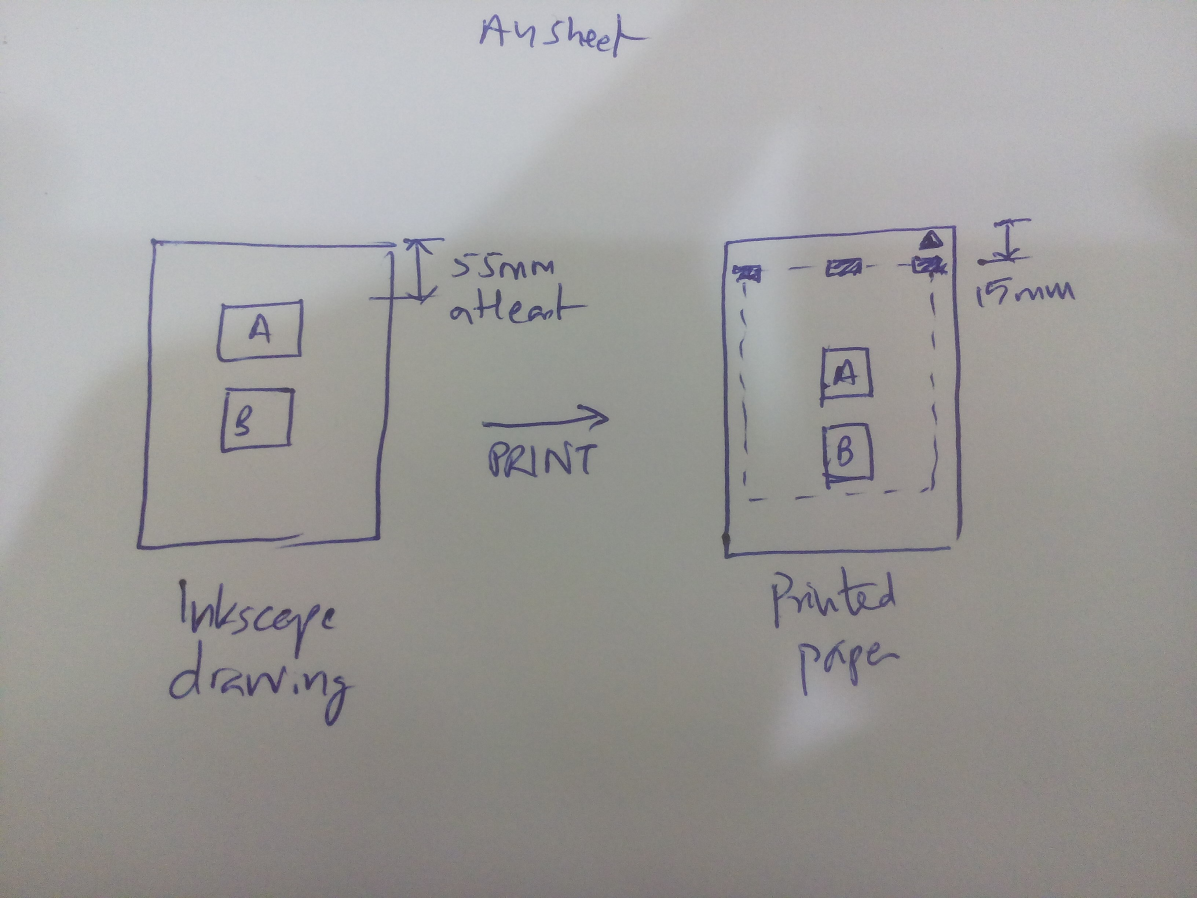
4. **Stick 3 small pieces of masking tape on the top side of parchment paper** (side where the arrow is drawn). this is the only tape required.

5. While feeding A4+parchment combo keep the feeding tray empty. Put in the paper, and hold the protruding end of the paper with both hands and feed it in gently as the printer pulls it in so that the parchment paper does not crumble.

6. **In the inkscape drawing keep the pcb drawings in the top side of the A4 canvas. The drawing should be atleast 85mm from the top of the canvas**.

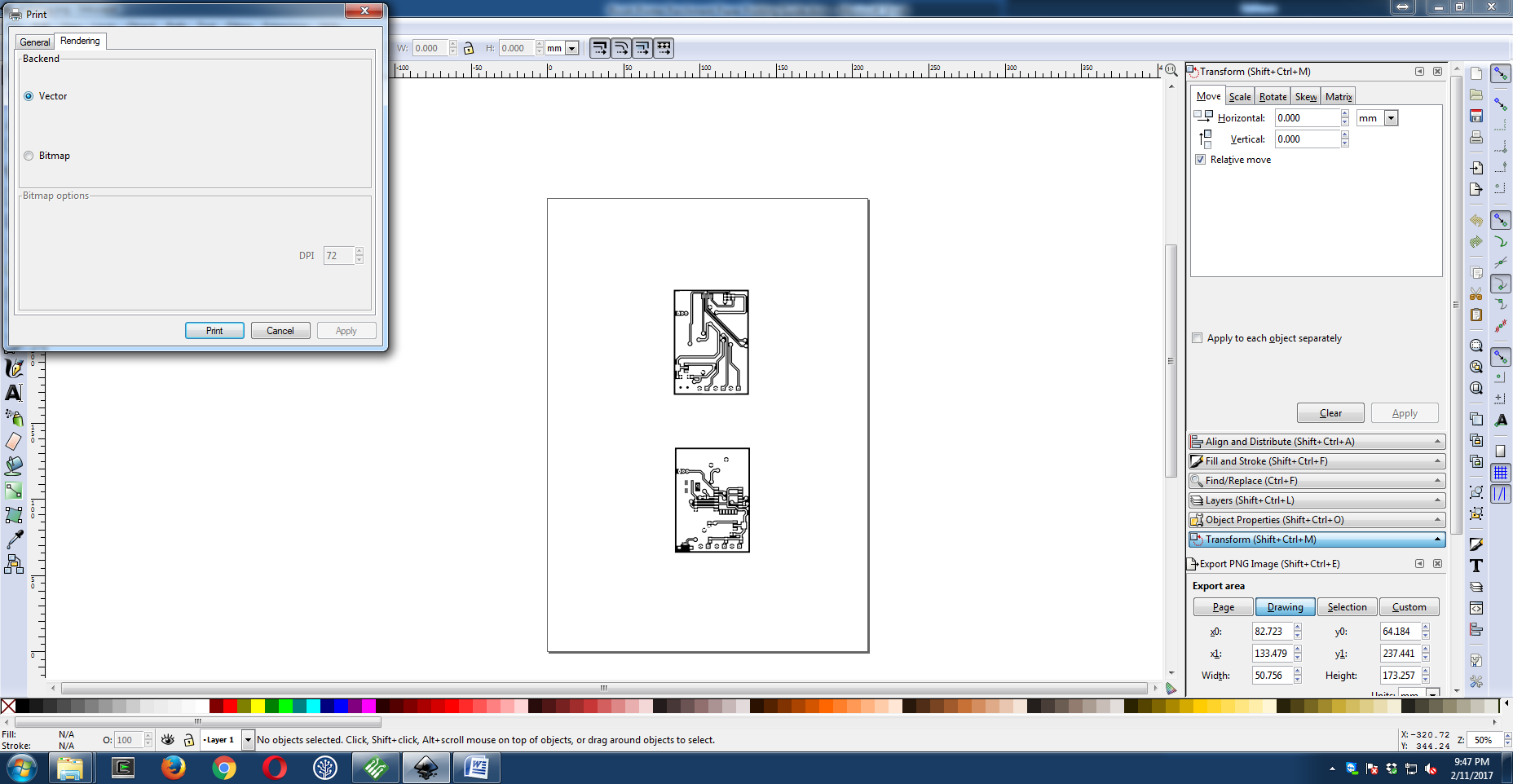
**PRINTER SETTINGS :**

- Size : A4  
- Paper type : PLAIN  
- Leave rest of the settings on default!

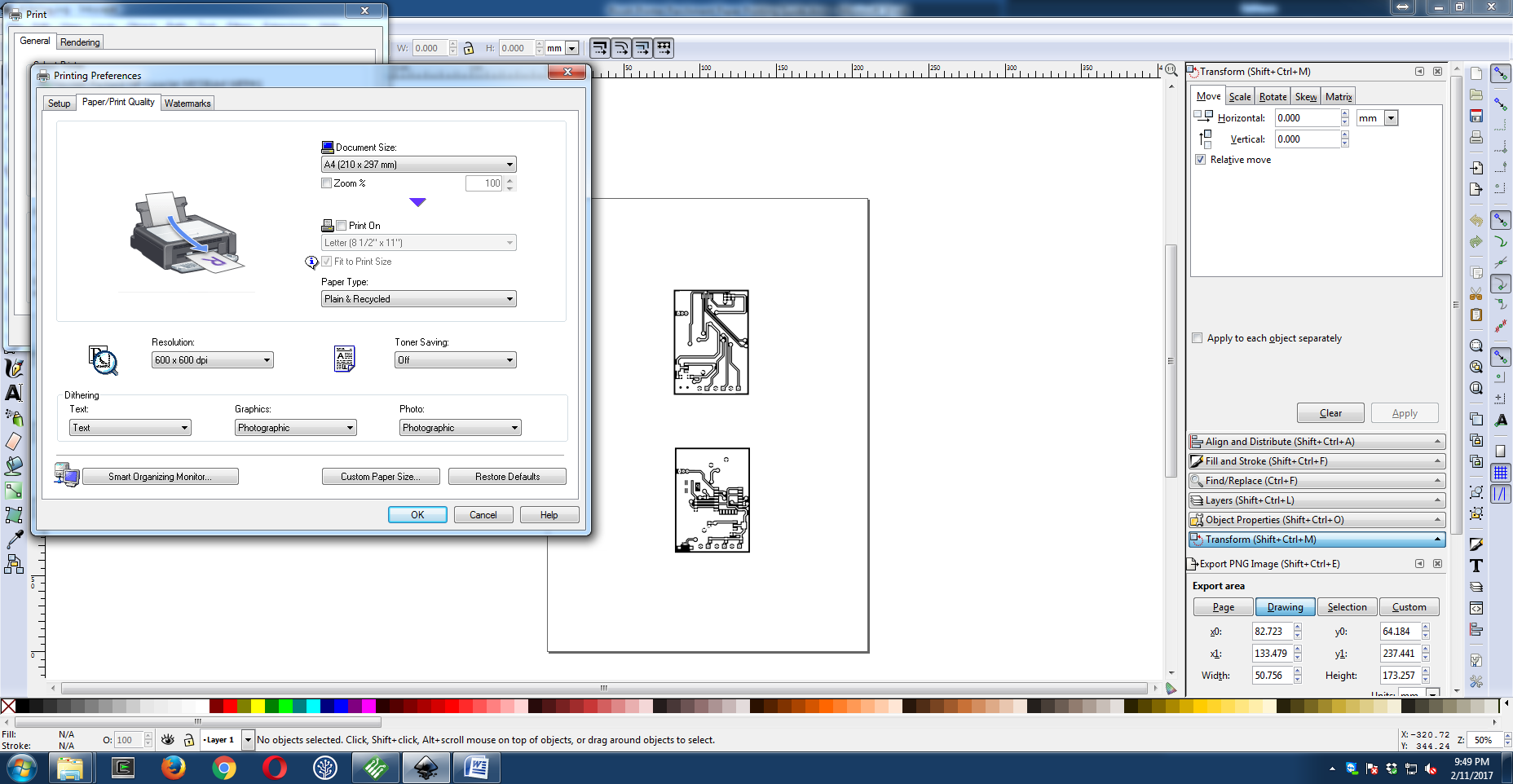


**INKSCAPE SETTINGS**

- MAKE SURE THE OUTPUT IS SET TO "VECTOR"



- PRINTER SETTINGS AS BELOW



**REGULAR PAPER**

With my printer, parchment paper is acting up. Ricoh printer fuser is not good enough to properly fuse the toner to the thin parchment paper. The image produced has lot of white specs where the toner is not properly stuck to the parchment paper.

Tried another way. Print the artwork on regular A4 printing paper and wet it with little oil to make the paper translucent.

**PAPER** : Regular (oil soaked. not much only enough to make paper translucent)  
**EXPOSURE TIME** : 35 - 38 second / side  
**PRINTER SETTING** : A4 , Regular Paper, Toner Saving = OFF

**FROM EXPERIENCE USE EXPOSURE TIME OF 40 SEC/SIDE FOR BEST RESULT**