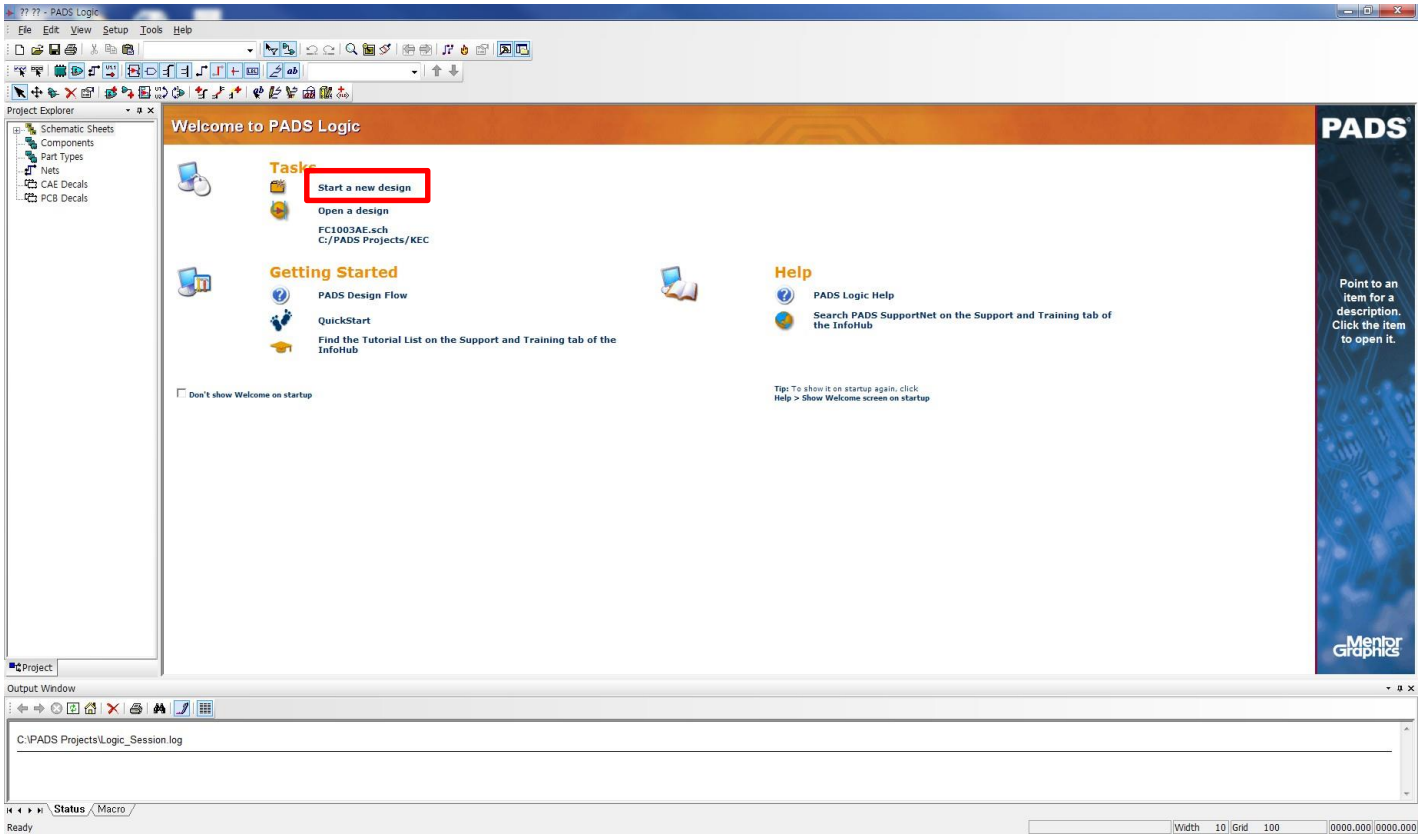
PCB Design

Schematic

Advanced Integrated Systems Lab.

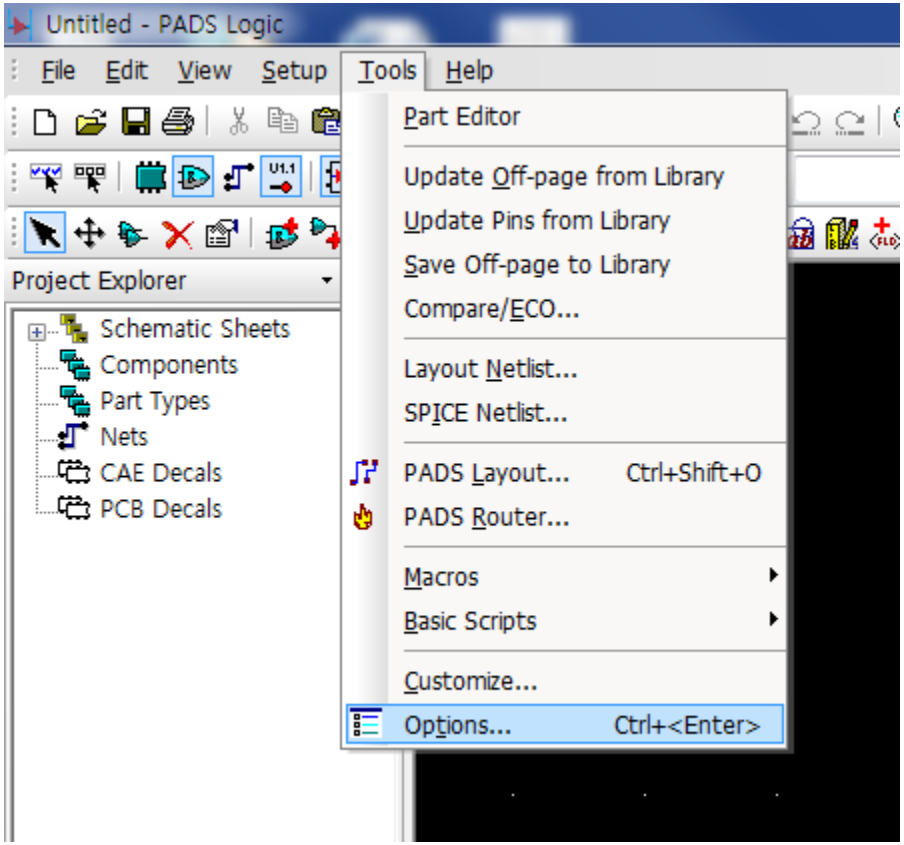
PADS Logic

- Start PADS Logic
  - Click ‘start a new design

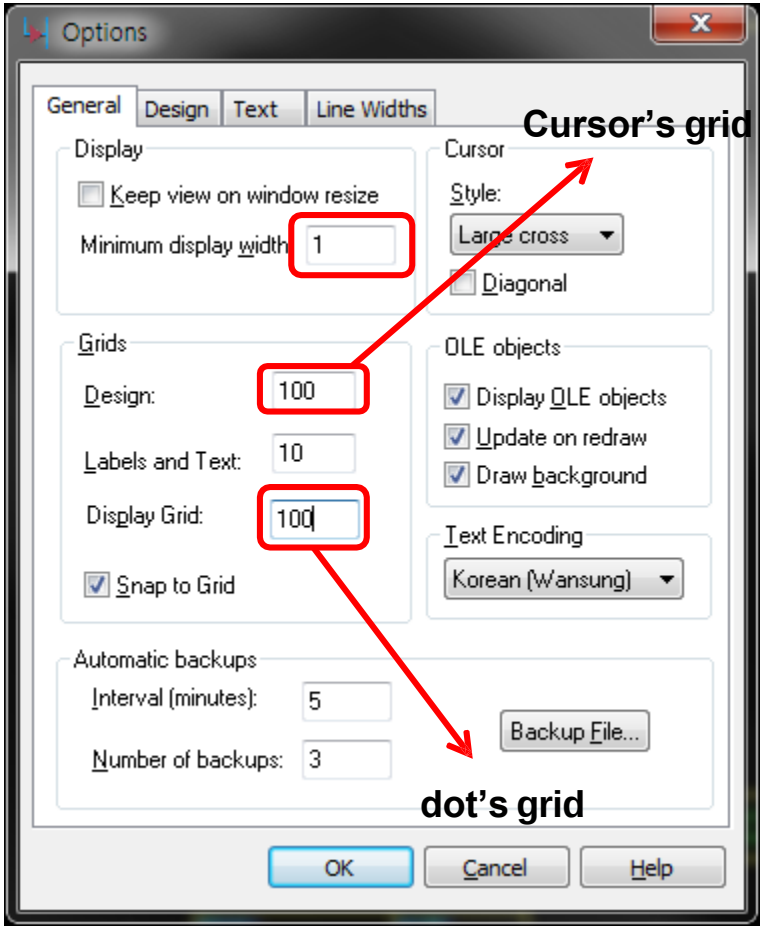


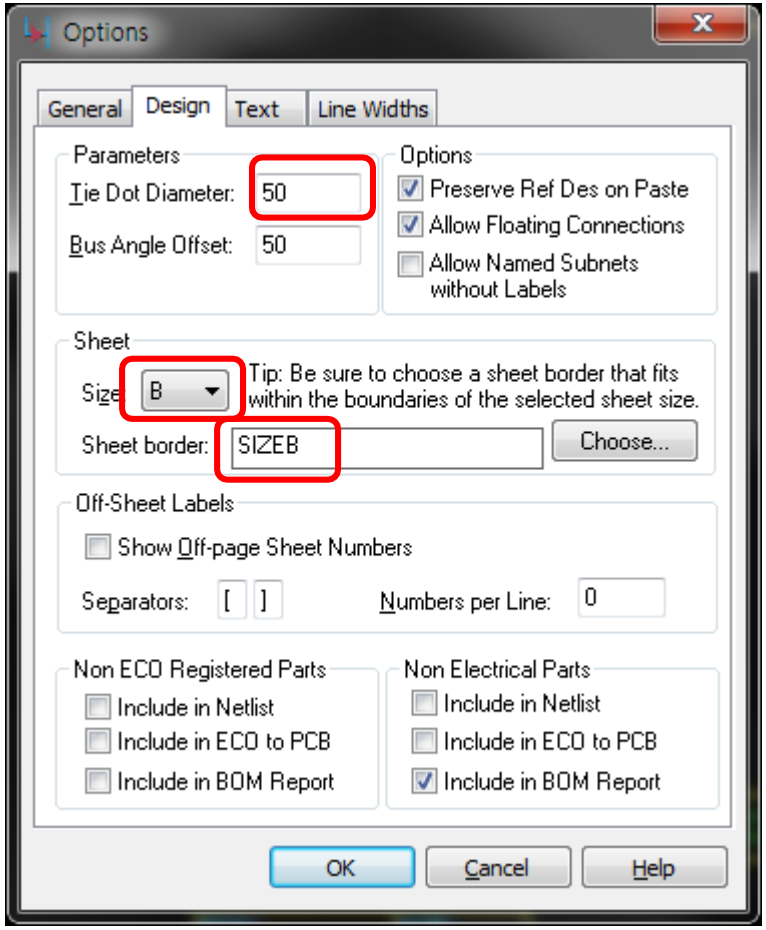
PADS Logic Setting (1)

- Tools-options



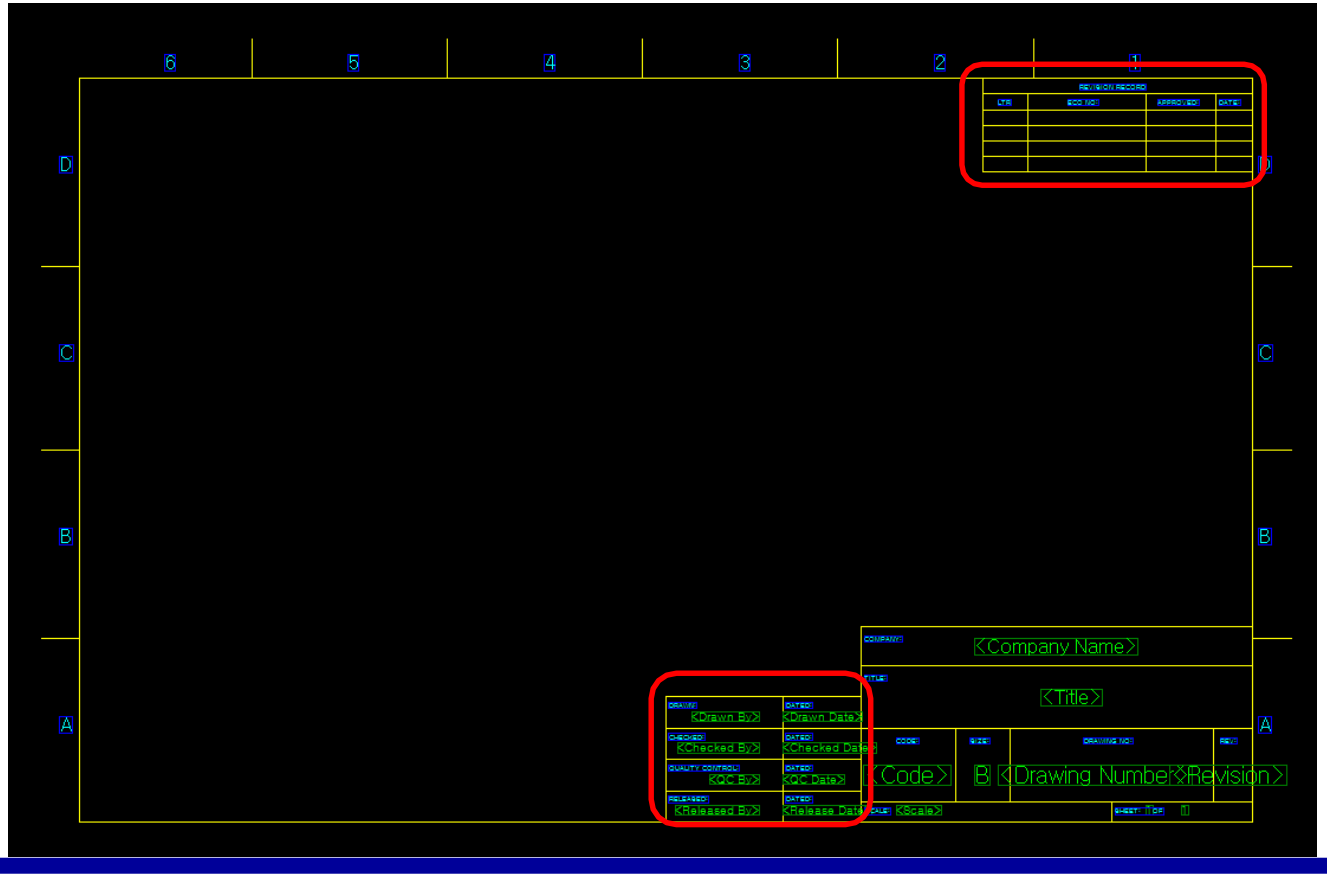
PADS Logic Setting (2)



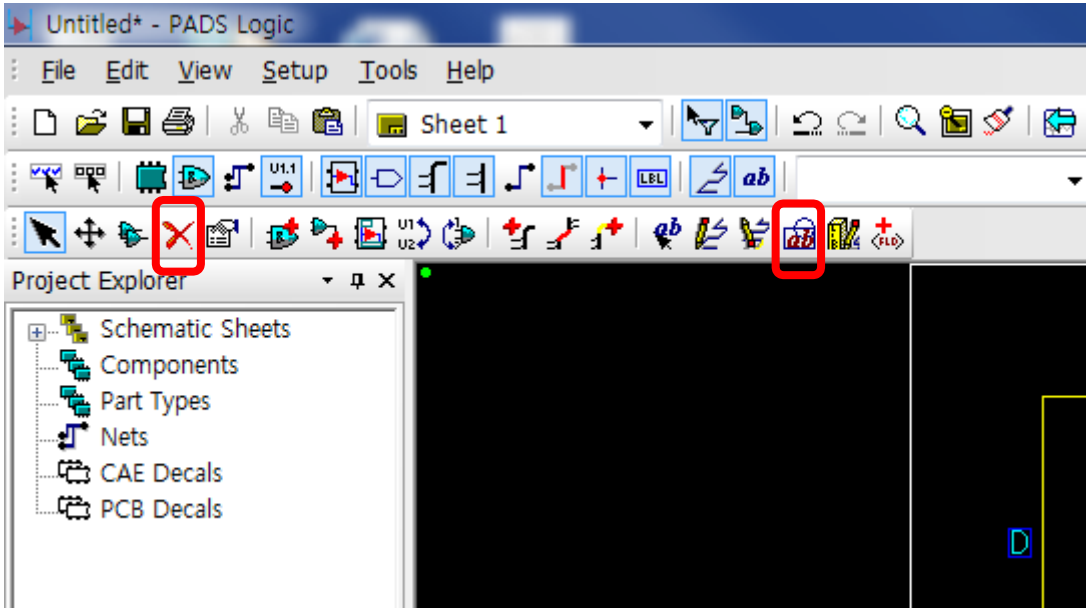


Sheet Form (1)

- Edit the Sheet form
  - Let's delete the useless part of the sheet



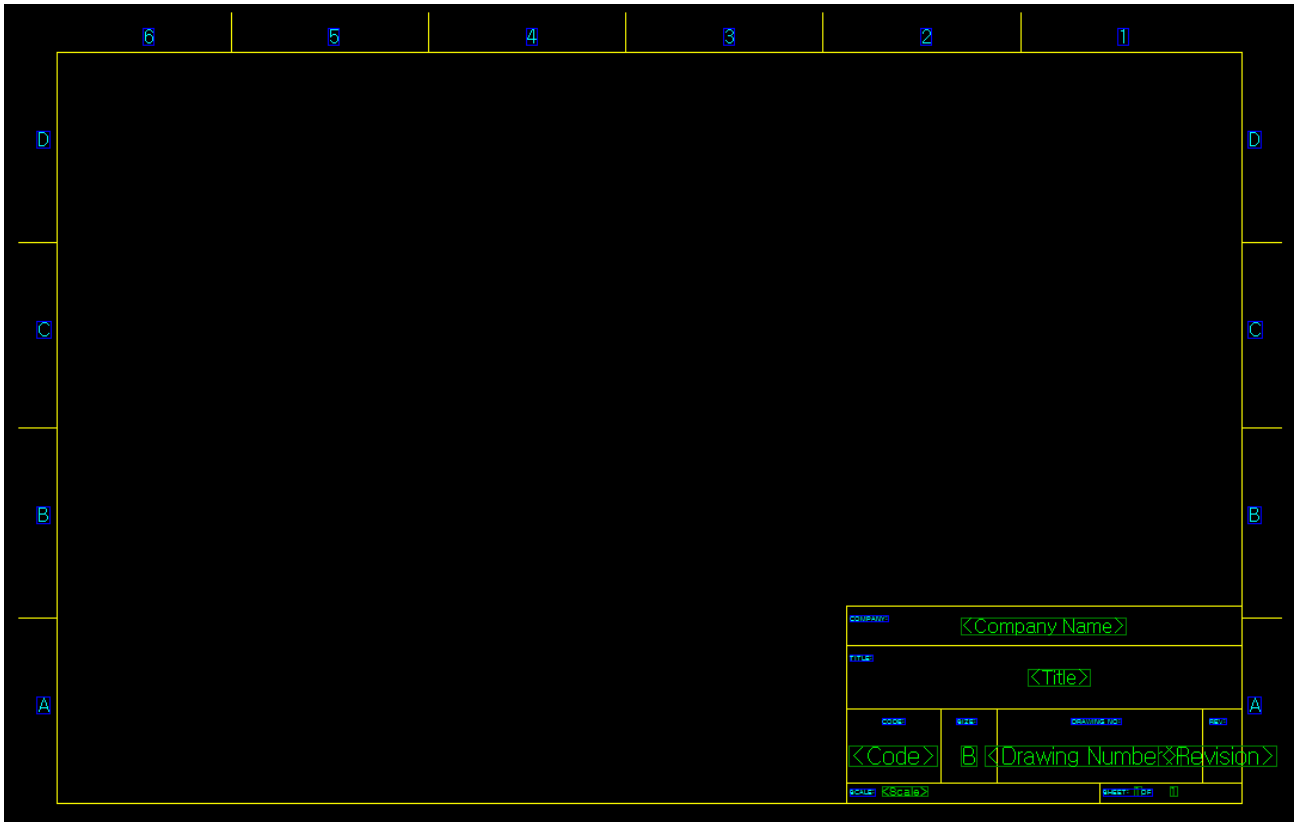
Sheet Form (2)



– Click “Combine/Uncombine” and right-click the mouse on the sheet and click “Uncombine”.
– Click items(line, text) should be uncombined.
– Click the right button on the mouse on the sheet and click “Complete”
– Click “Delete” icon and deleted uncombined items.

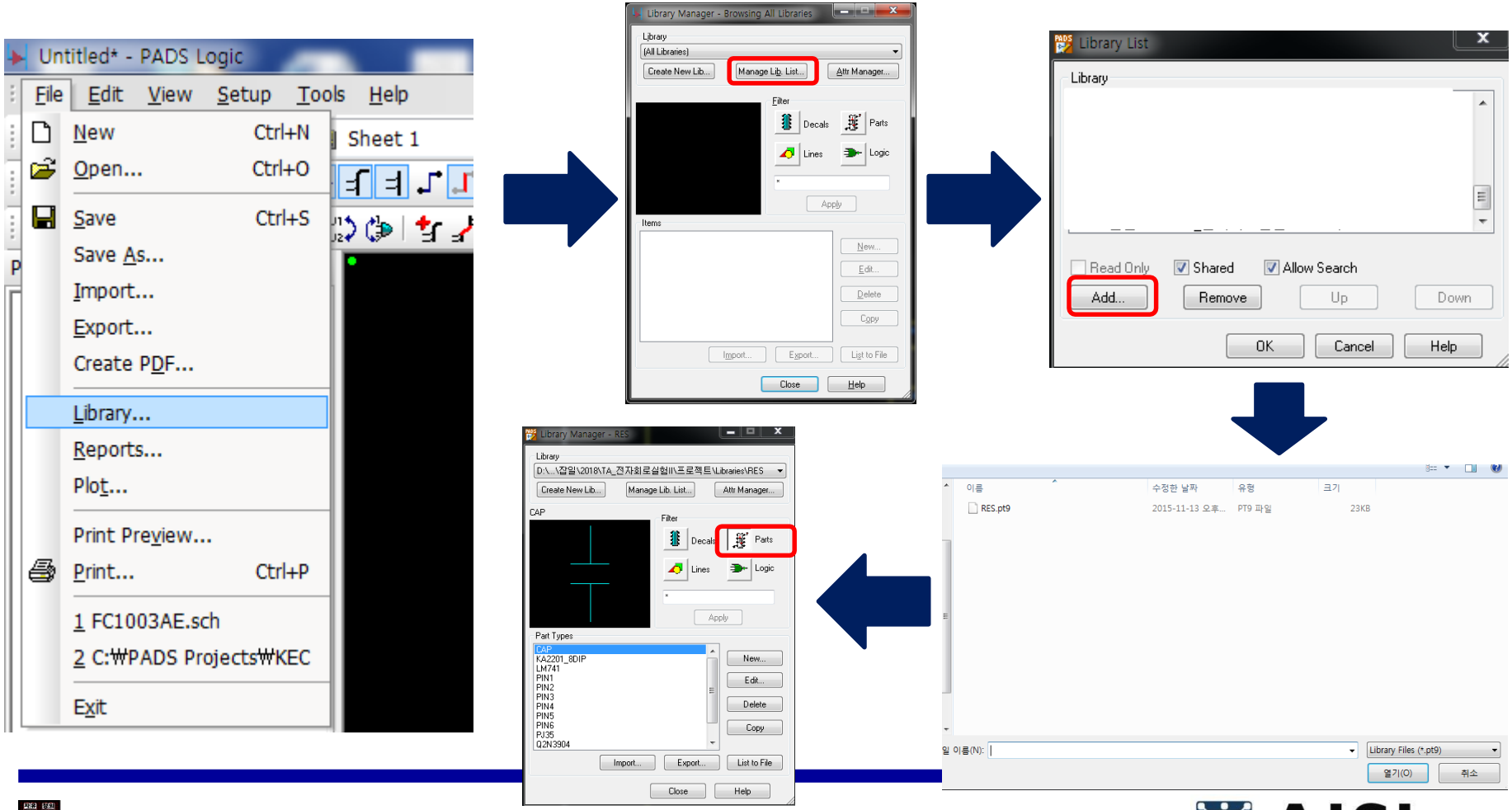
Sheet Form (3)

- Completed Screen



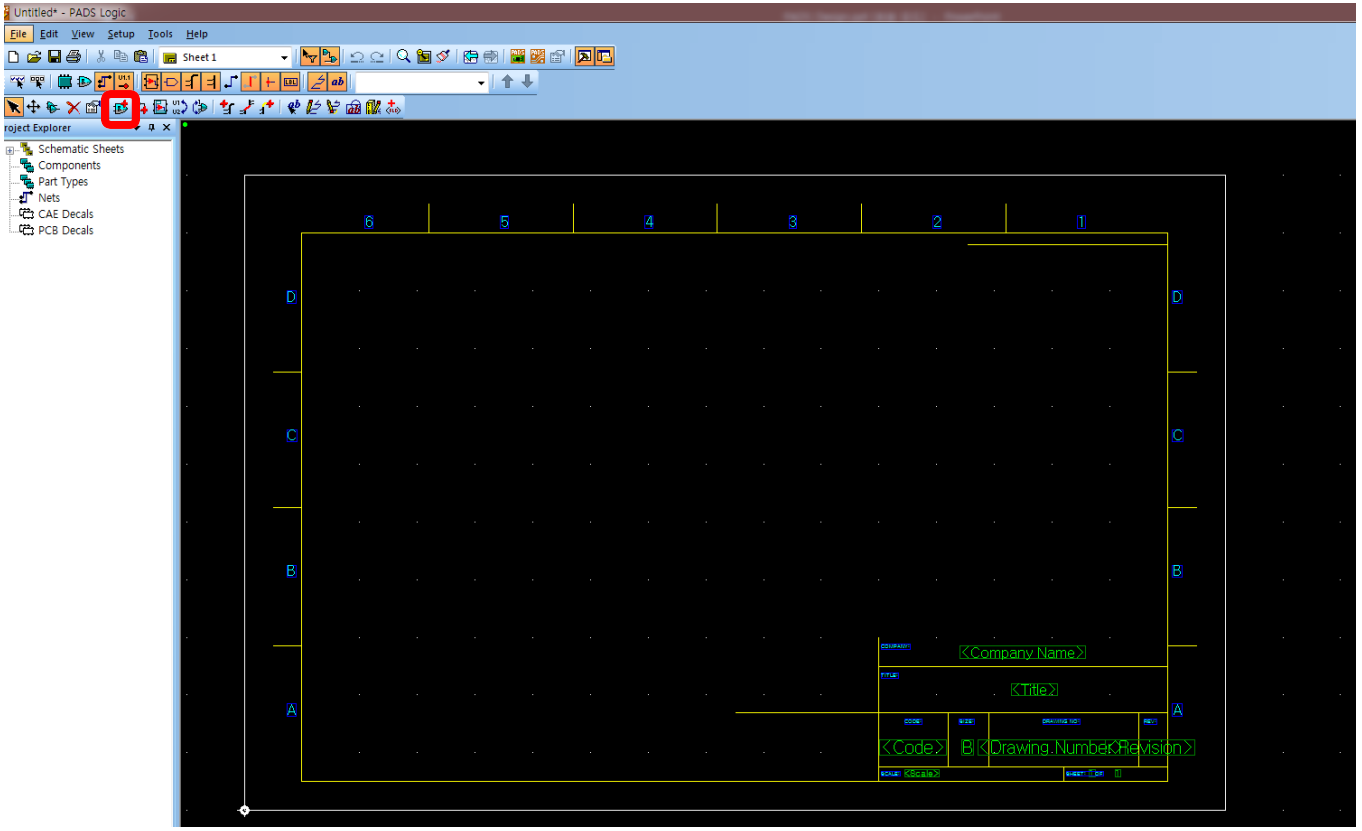
Add library

- Add library



Draw Schematic (1)

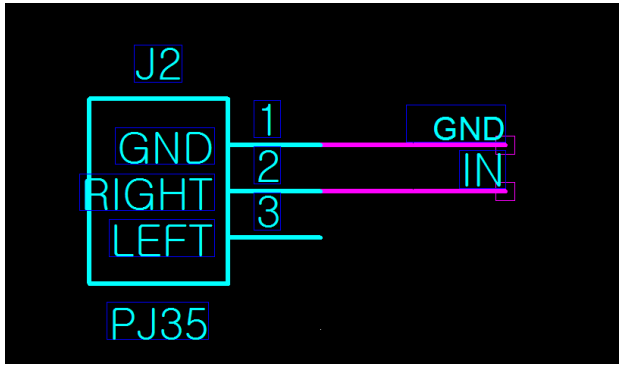
- Add part



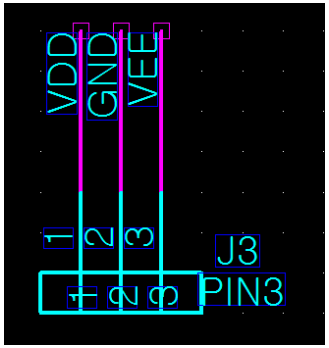
Draw Schematic (2)

- Draw wire – “F2”
- Use “PJ35” for the input jack and terminal 2(RIGHT) is the input terminal and 1 is GND.

(Leave terminal 3 floating)

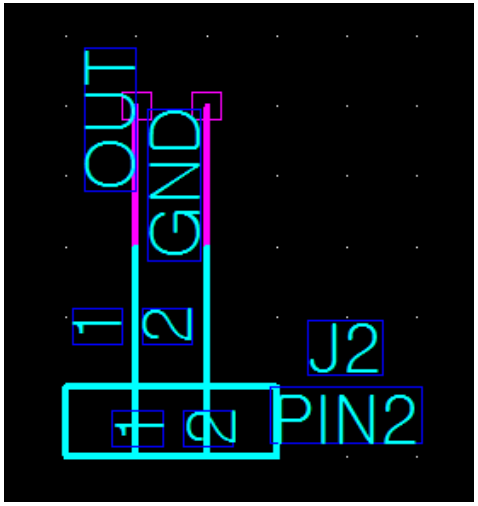


- Use “PIN3” for the DC supply input.



Draw Schematic (3)

- Use “PIN2” for the output jack and terminal 1 is OUT and terminal 2 is GND.



Draw Schematic (4)

- Audio driver

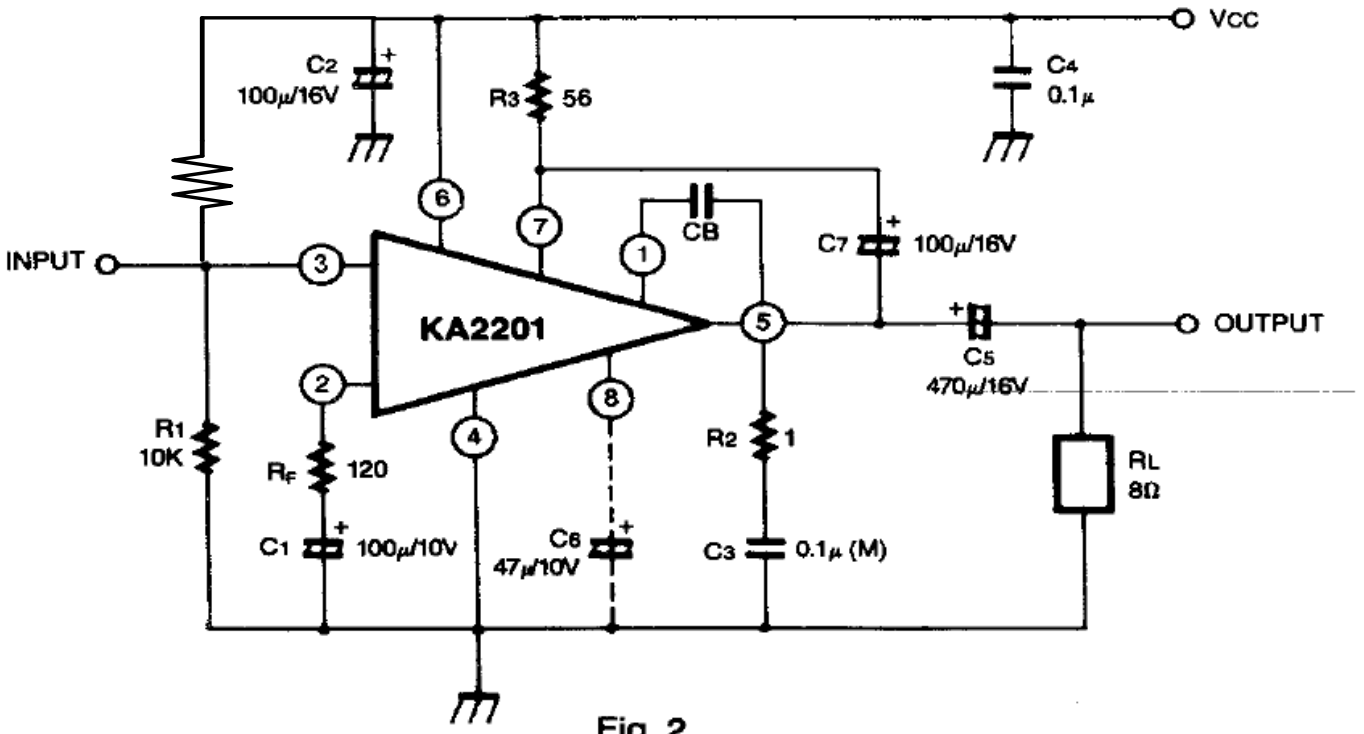


Fig. 2

Layout Netlist

- Generate netlist file after the design is done.