

**Status Report:**

- 1) Added 1-turn inductor detection, regeneration and port reconnection. Previously only more than 1 turn inductor can be detected. This is because of the special shape of the layout.
- 2) Fixed a bug on net fragmentation after the inductor detection.
- 3) Looked at the code to do polyfit for inductor equation. Tried to understand the code and made necessary changes. Initial code gets the polynomial equation in terms of frequency. What we want is in terms of core diameter (and frequency). Problem: the source of data may not be sufficient and eventually we need to do EM simulation.

**Plan for next week:**

- 1) Continue work on polyfit code and obtain the equation for 1 turn inductor, since only 1-turn inductor has data for polyfitting.
- 2) Try to work on capacitor and resistor detection and resizing.