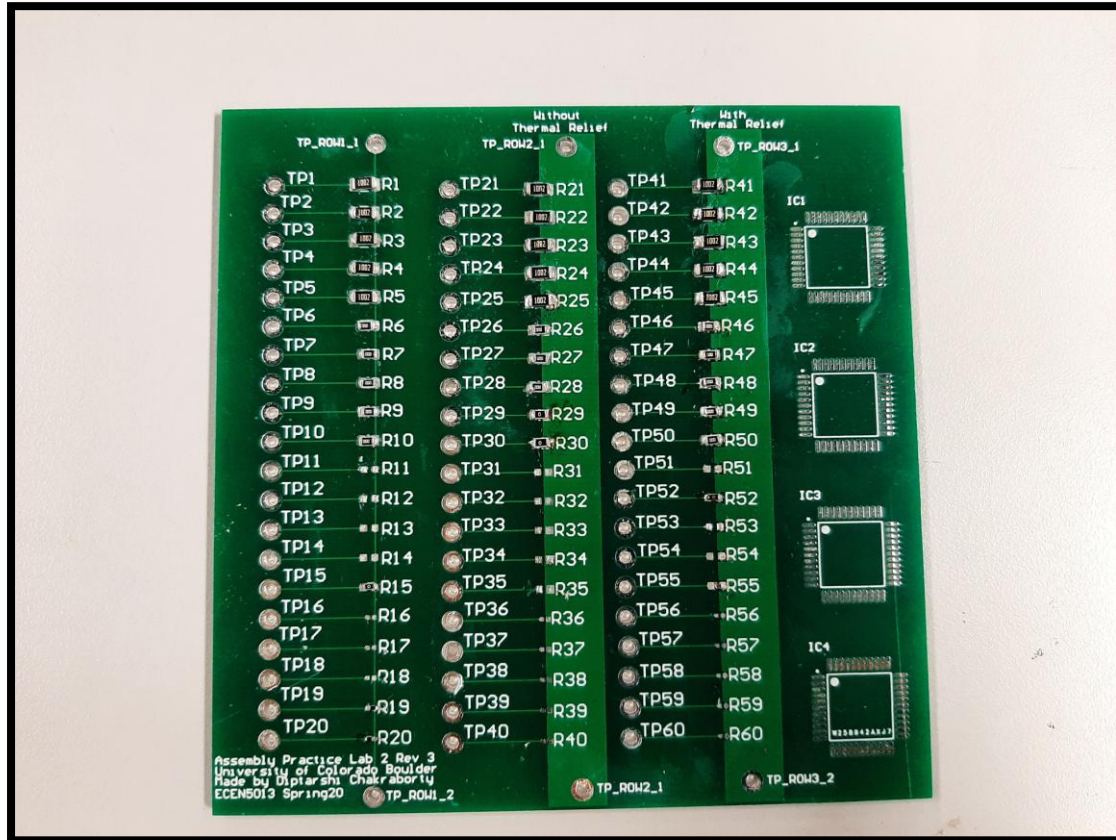


GOAL- Soldering and Assembly practice board



The top section was for 1206 parts, the next ones are 0805 and then further ones are 0603, 0402 pads.

It was easier to solder the parts on the first column but in case of second column soldering 1206 parts were quite hard as the right part of that column was embedded in the copper plane, hence needed a bit more of temperature to solder that.

Using solder flux was very helpful to solder the parts on the board, without the flux I encountered being difficult to get the parts soldered correctly and moreover it was taking a lot more time to solder. Moreover, I have also noticed that if the tip of the iron is not cleaned with time then while taking some solder iron it was forming some bubbles which was again taking a bit of time to work upon. Hence it is required to clean the tip of the iron time to time as the oxides layer forms when it becomes cold.