IEE1860: Lab 1

# Objective

The objective of this lab is to get familiar with the software Autodesk Inventor by designing a simple chip. Optionally it is possible to 3d print the chip.

# Methodology

Designing the chip was straightforward given the instructions in assignment. Next, I chose to 3d print the chip using SLA resin 3d printer Prusa SL1. This printer was selected over FDM printer for it’s ease of printing small details.

# Results

Chip design was successful. I got familiar with the software. Unfortunately, I set print parameters wrong and didn’t have time to try new print, so this part I have to mark as unsuccessful.

# Attachments

1. STL file
2. STP file
3. Technical drawing