

Project Summary

This project is to design a passive low pass filter according to the requirements. After the calculation, 31 poles of passive low pass filter is required to design, which means there are 16 capacitors and 15 inductors included in the system. As we are only allowed to learn online, this project is unable to be done in a physical lab by constructing the circuit physically. Hence, simulation software is replaced for hands-on work. I've learned that how to use simulation software to construct a filter. It is vital as the industry players will perform simulation before constructing the circuit physically to reduce error and cost.