

Project - Task 2

- 2-1: Draw the ideal switching waveforms of target design (both current and voltage waveforms)
- 2-2: Derive all the necessary steady-state equation of the target design in terms of the symbols in (V_{IN} , V_{OUT} , C_1 , R and L_1) and switching frequency, f_{sw} ,
- 2-3: Draw the ideal switching waveforms of semiconductors
- 2-4: Select your target topology components
- 2-5: Determine the target semiconductor loss
- 2-6: Design your own cooling solution for the target design