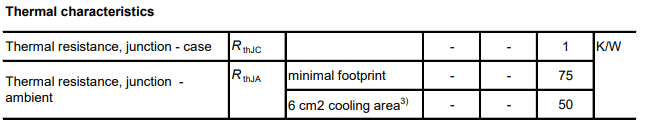


Circuit Environment

*Lab Report*

|  |  |
| --- | --- |
| NAME: | NEPTUN: |
| DATE: 19.11.2021 | LAB: 5 |

TASK: Use the following thermal Characteristic of BSC600N25NS3 Power-Transistor.



1. Analysis the thermal junction of the transistor [between 100oC and 150oC].
2. Convert the transistor package into 2R model and validate your model.
3. Using heat sink system to reduce the temperature less than 50oC.

Answer: insert your work here: