SYA14 - Neuromorphic Computing

Lab 7

1 Objective

In this lab, we will test and evaluate the DN-SoC: an SoC of Neuromorphic Computing

2 Prerequisite

The following are the prerequisites of this exercise:

- Verilog HDL
- FPGA

3 Ex 7.1: The SoC

Please download the source code from: `https://web-ext.u-aizu.ac.jp/misc/neuro-eng/book/NeuromorphicComputing/lab/DN-SoC_main.zip`

Please follow the README.MD file to know how to run it.

3.1 Exercise content

Run the example source code and report the result.

4 Submission format and Deadline

Your report should be prepared in English and should contain the following:

1. Your name, your ID, and the Lab #.
2. All reports
3. Submission format: soft copy.

Note: This Laboratory is designed for the book [1]

[1] Book: Neuromorphic Computing Principles and Organization 1st, Edition, ISBN-10: 3030925242, ISBN-13: 978-3030925246, Publisher: Springer, May 2022.