

Project

74181 TTL

- Study:

- <https://en.wikipedia.org/wiki/74181>

- <http://www.righto.com/2017/03/inside-vintage-74181-alu-chip-how-it.html>

- And download the circuit from

- <https://github.com/stsvetkov/L8cpu> - these are for LogiSim software

- <http://www.cburch.com/logisim/download.html>

To do

- Add 2 hex displays to study the output of the unit for various inputs
- Implement a counter around this circuit, and use a clock (pulse generator) for increments
- Using a minimal number of 74181s, implement a 8-bit ALU.
- Deadline/presentation/discussion: Dec. 12th 2023