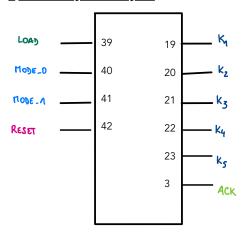
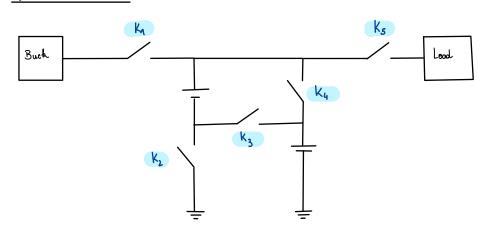
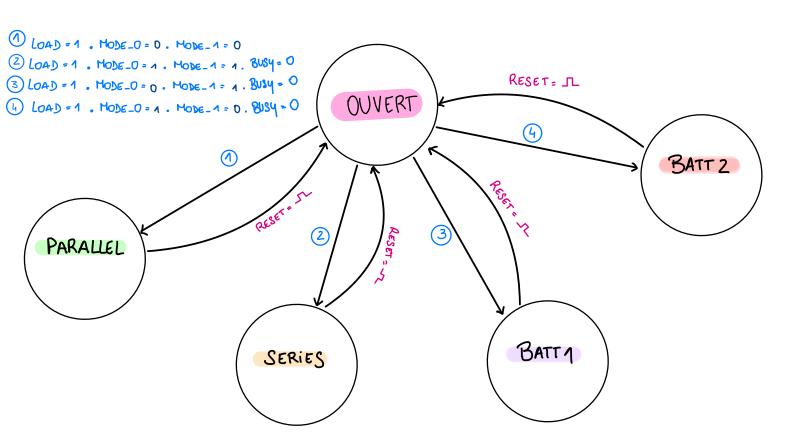
## **CPLD** architecture

## 1) CPLD Inputs/Outputs



## 2) Switches schema





**OPEN**: open all switches

PARALLEL: closing of some switches in order to put the two batteries in parallel

**SERIES**: closing of some switches in order to put the two batteries in series

**BATT1**: closing of some switches in order to connect only the battery 1

**BATT2**: closing of some switches in order to connect only the battery 2