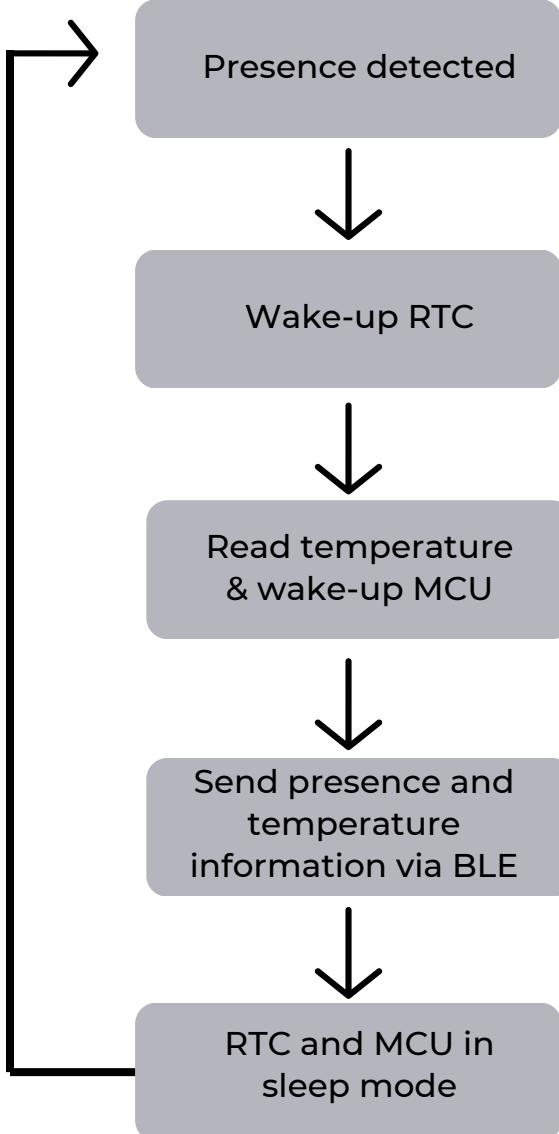


Autonomous Door and Temperature Sensor

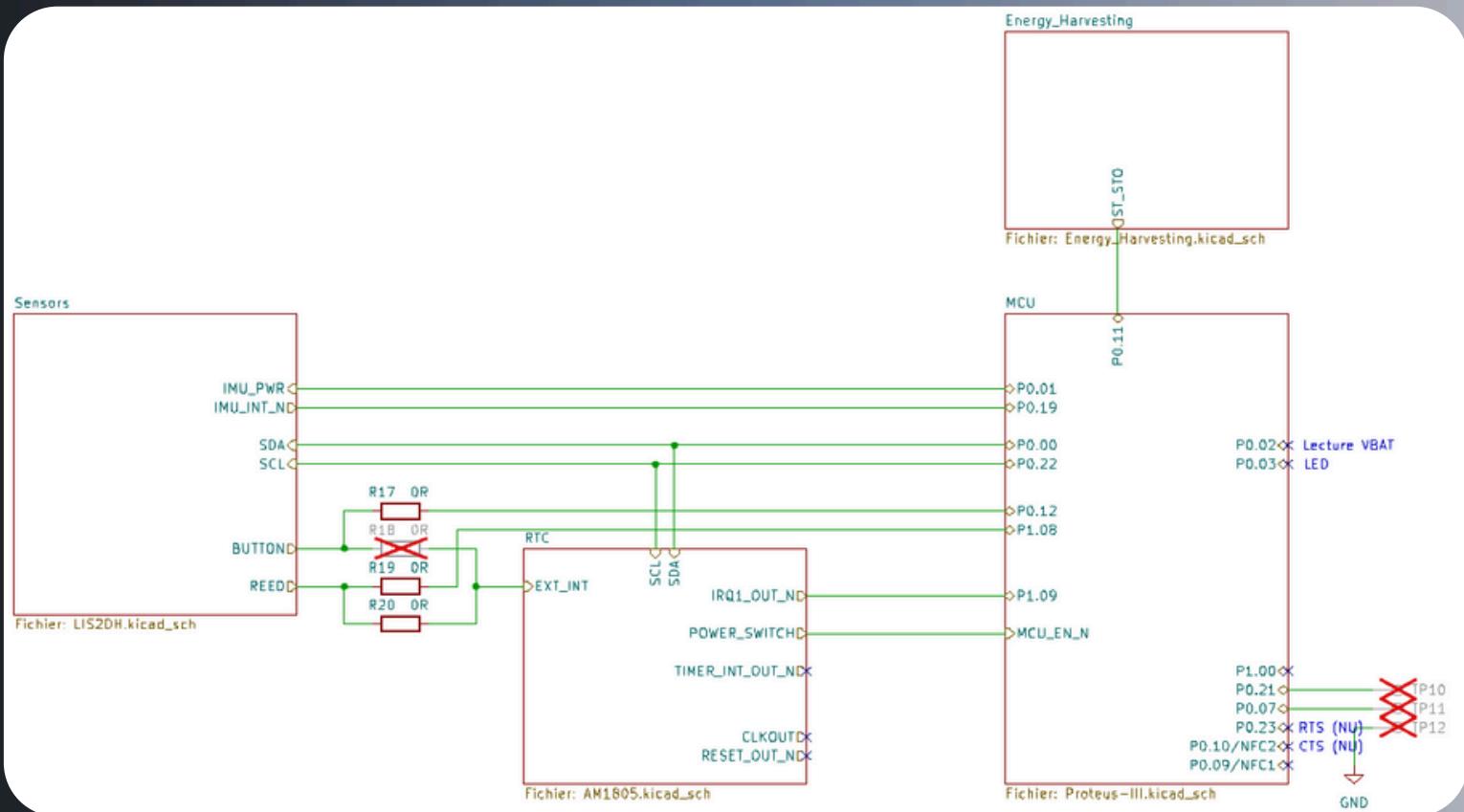
- Temperature sensor
- Presence sensor
- Fully Autonomous
- Compact design 30 x 20 x 8 mm
- Powered by a tiny photovoltaic cell and **POWENCY** 150  $\mu$ Ah battery
- Bluetooth Low Energy communication
- Ultra low power design (400 nA consumption)

ITEN JIM Demo is a compact autonomous door and temperature sensor powered by a 60 mm<sup>2</sup> Photovoltaic cell and a 150 $\mu$ Ah POWENCY battery. This design allows to get presence and temperature information via Bluetooth Low Energy in a ultra-low power design

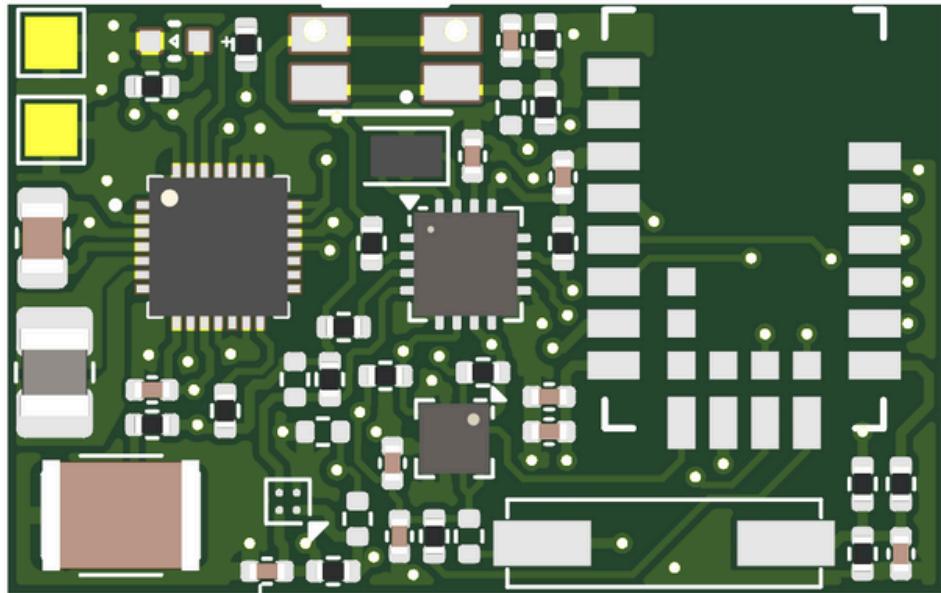
### Block Diagram



## Schematic



## Design



Information available upon request

- Full electronic design
- Bill of materials
- Firmware source code