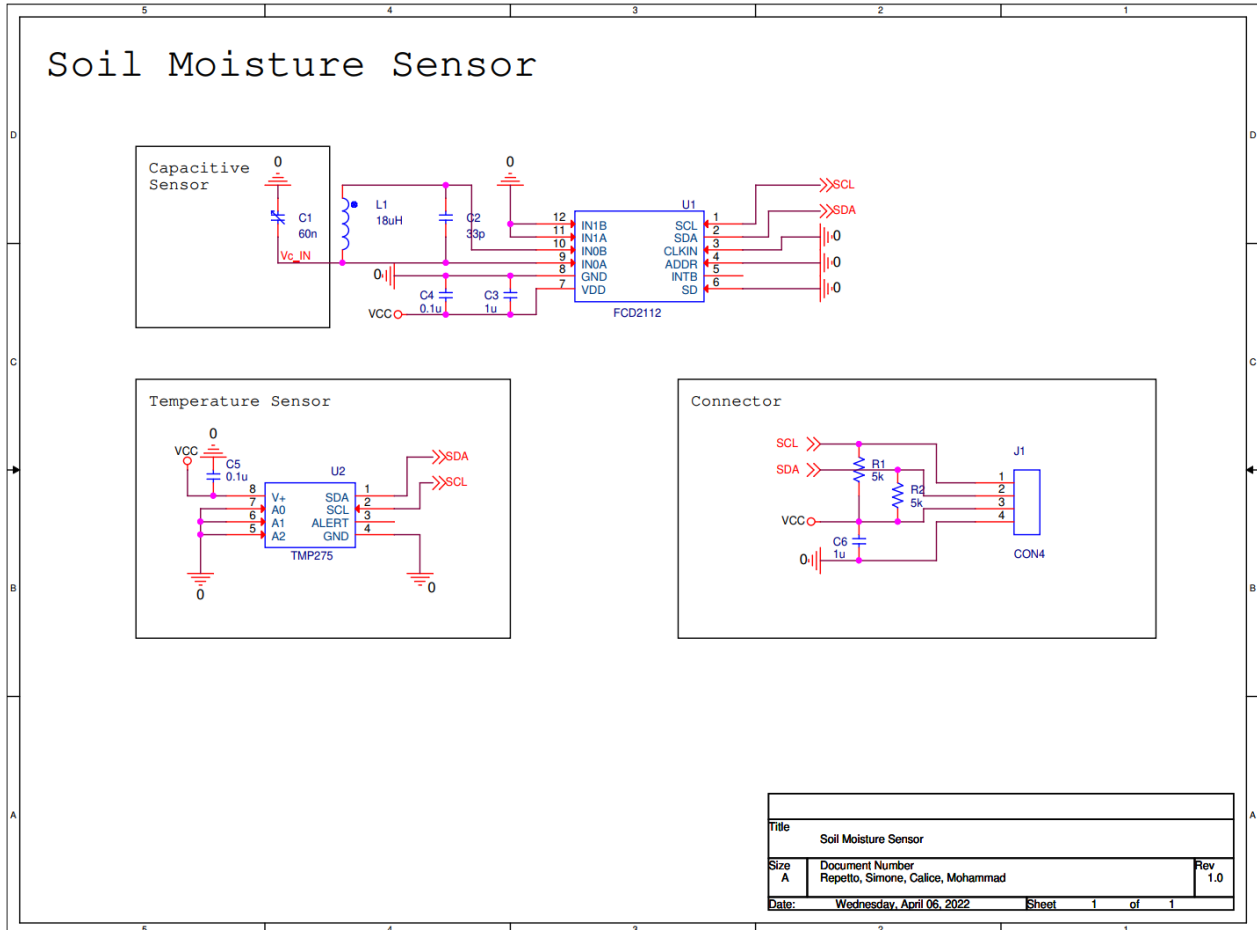


SoilSensor

Sensor node to measure soil moisture and temperature, communicating to a LoRa network for IoT.

Schematic

The circuit was designed using *Cadence Capture* software.



PCB Layout

On [soilsensor.pdf](#) you can find a interactive 3d pdf with the definitive design layout. All components showed are listed on the [BOM list](#), you can find also some datasheet on folder *Datasheets*. All gerber files necessary to produce the final board are on [PCB/Artwork/SoilSensor.zip](#) : they are divided by layers. Also the CPL file is provided on [PCB/CPL/place_txt.txt](#).

