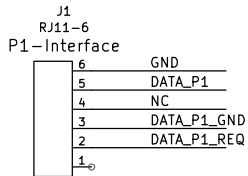
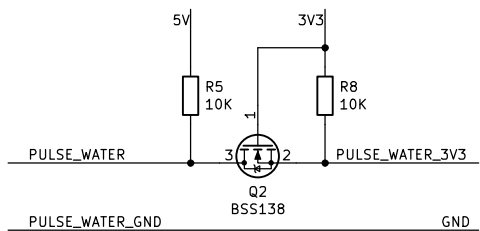
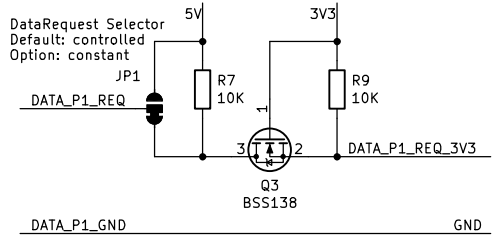
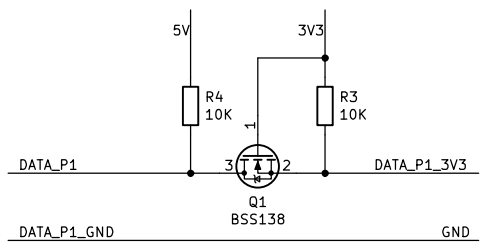


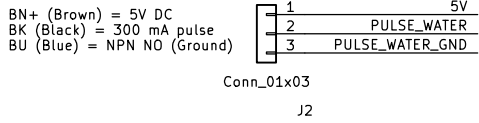
P1 interface



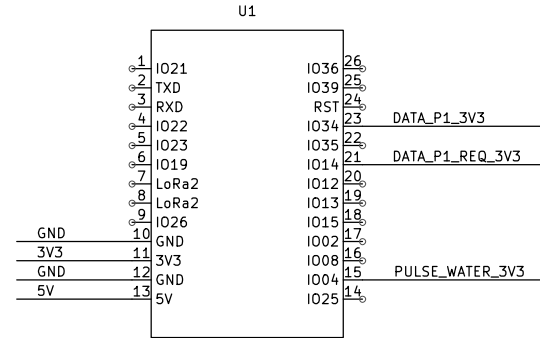
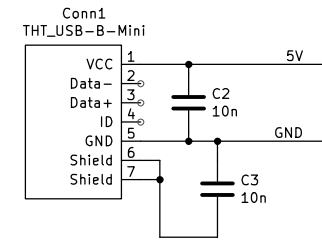
See: P1 Specification: https://www.netbeheernederland.nl/_upload/Files/Slimme_meter_15_a727fce1f1.pdf
PWR: 5V, Max current: 250 mA
DATA: Open collector
P1 port lines must be galvanically isolated from the mains, including +5V power supply lines



Proximity sensor watermeter



Mini-USB interface Power



Design: Remko Welling - RFSee
IoT Apeldoorn

Sheet: /
File: esp32-p1-node-board.kicad_sch

Title: IoT-Apeldoorn P1/Watermeter LoRaWAN node

Size: A4 Date: 2024-10-23

KiCad E.D.A. 8.0.8

Rev: 0.1

Id: 1/1