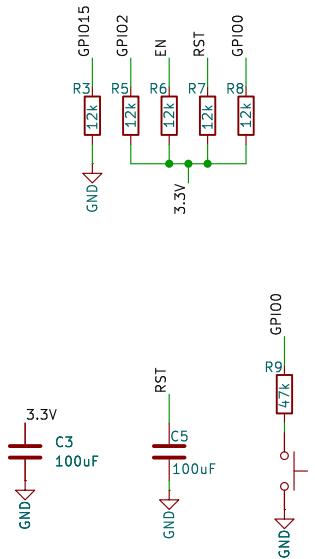
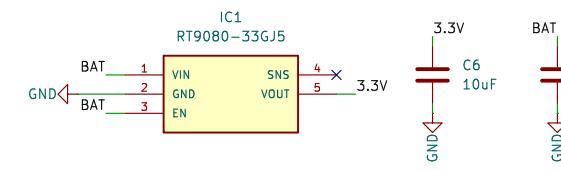


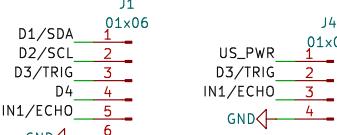
## MCU BOOT CONFIG



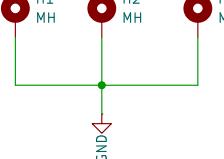
LDO – RT9080 3.3V



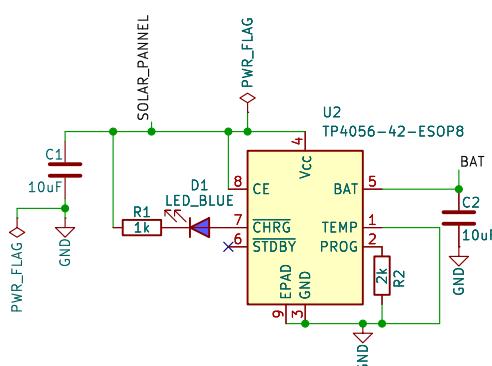
## PERIPHERALS



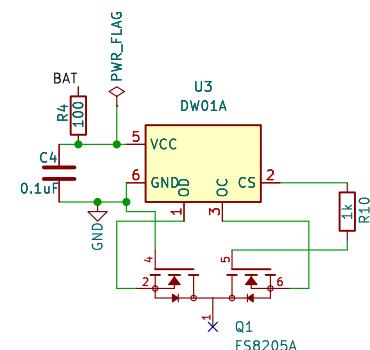
## MOUNTING HOLES



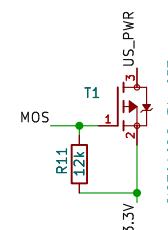
CHARGING – TP4056



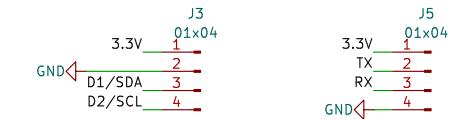
#### **PROTECTION CIRCUIT**



US\_VCC\_CTRL



EXPANDERS



PWR PINS



Outdoor Node  
Company : Collaboration

Sheet: /

File: WLM\_NODE1.kicad\_sch

Title: TwinNode: Low-Power Water Level Monitor

Size: A4 Date: 2026-01-01

KiCad E.D.A. 9.0.

Rev: V0  
11-1-14

Id: 1/1