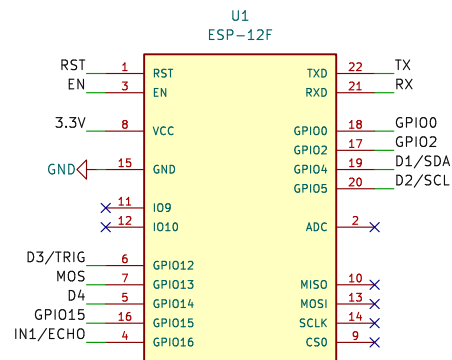
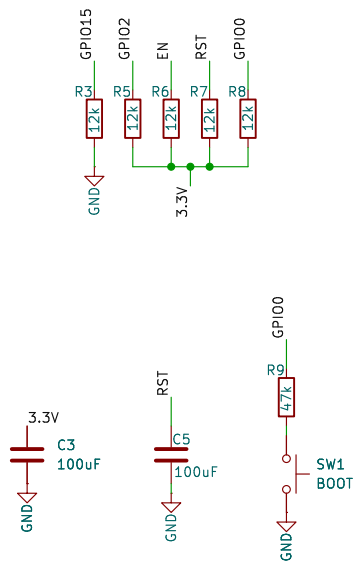


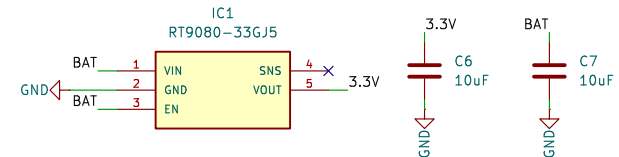
ESP12F – MCU



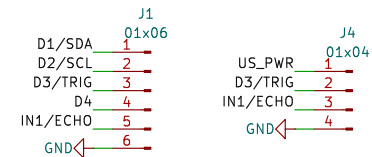
MCU BOOT CONFIG



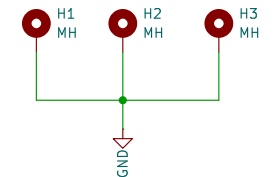
LDO – RT9080 3.3V



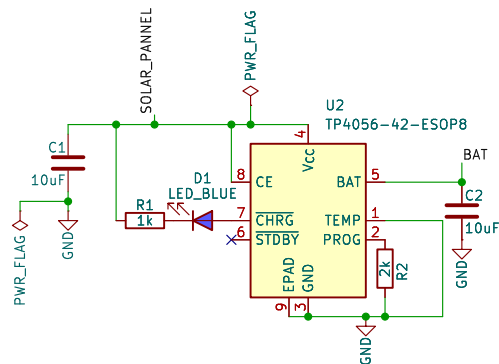
PERIPHERALS



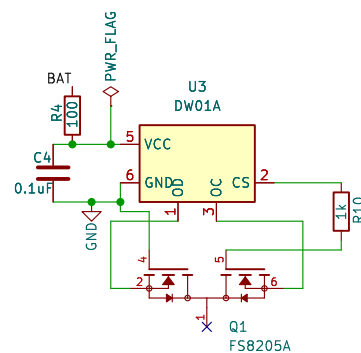
MOUNTING HOLES



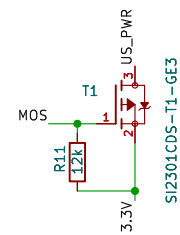
CHARGING – TP4056



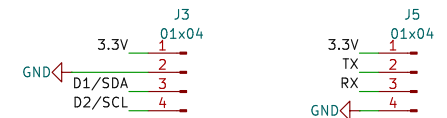
PROTECTION CIRCUIT



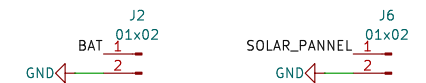
US_VCC CTRL



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
----------	------------------

Size: A4	
KiCad E.D.A. 9.0.6	

Rev: V0

Id: 1/1