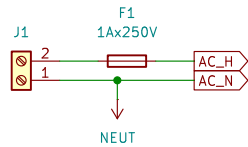
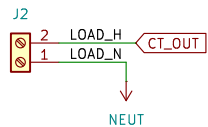


## MAINS TERMINAL

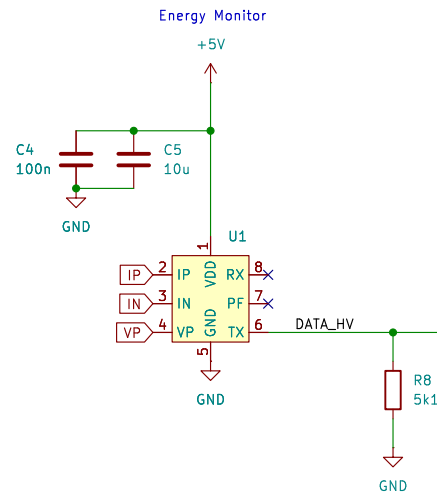


F1 is fast blow

## LOAD TERMINAL

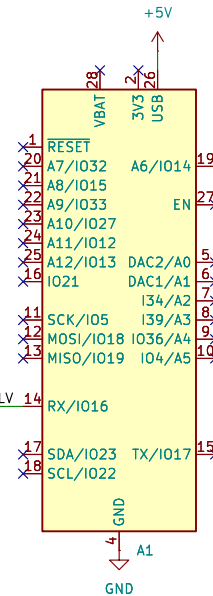


## ENERGY MONITOR



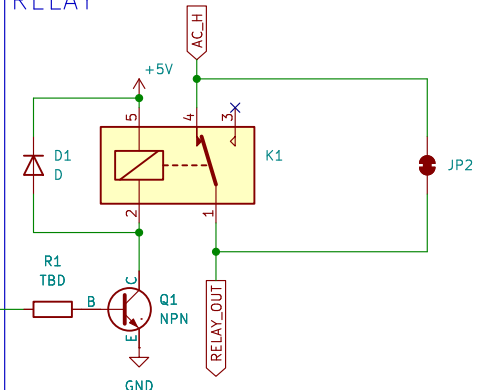
## CONTROLLER

ESP32 is connected to power via usb input

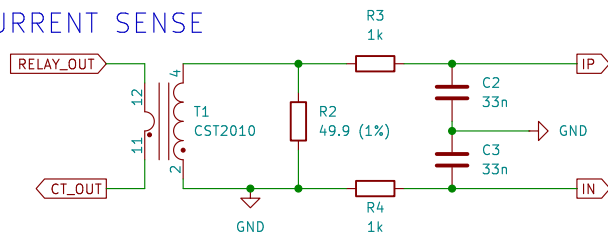


H3 MountingHole H1 MountingHole  
H4 MountingHole H2 MountingHole

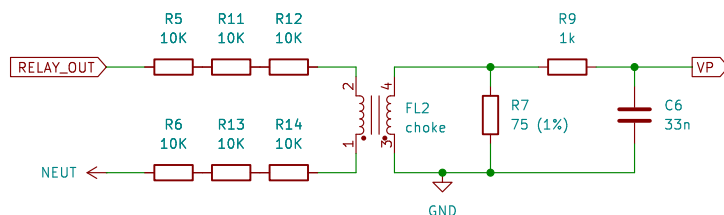
## RELAY



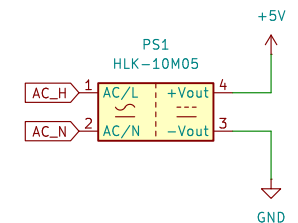
## CURRENT SENSE



## VSENSE



## EMBEDDED POWER SUPPLY



All resistors are 5% tolerant unless stated

Sheet: /  
File: Mains\_monitor.kicad\_sch

**Title: Root**

Size: A4 Date: 2025-01-29

KiCad E.D.A. 8.0.7

**Rev: 0**

Id: 1/1