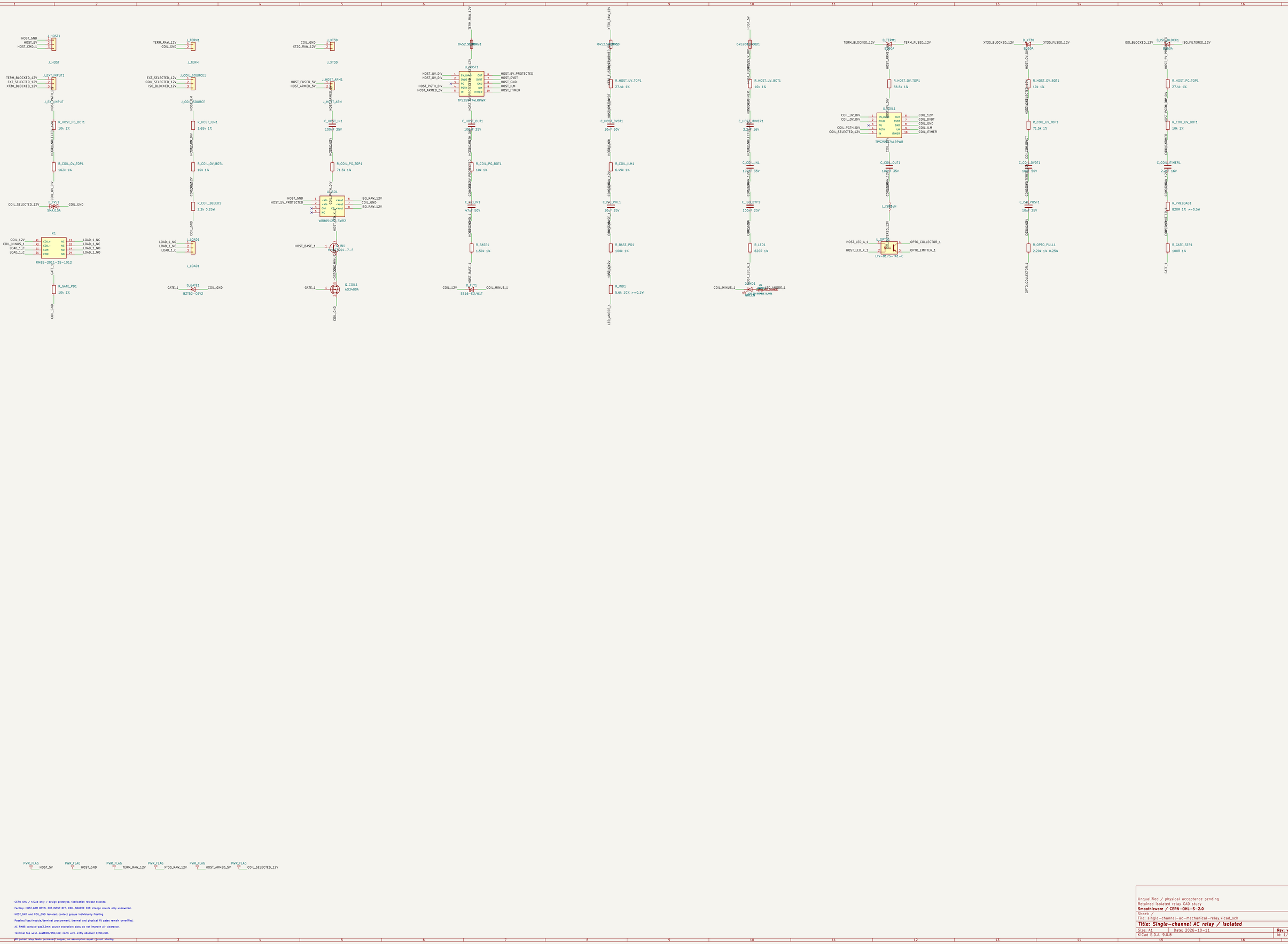


CERN OHL / KiCad only / design prototype, fabrication release blocked.

Factory: HOST_ARM OPEN, EXT_INPUT OFF, COIL_SOURCE EXT; change shunts only unpowered.

HOST_GND and COIL_GND isolated; contact groups individually floating.

Passive/fuse/module/terminal procurement, thermal and physical fit gates remain unverified.

AC RMBS contact-pad3.2mm source exception; slots do not improve air clearance.

Terminal top west-east(HO/ZHC/ZK) north wire-entry observer C/NC/NO.

PCB panel relay leads permeated copper; no assumption relief current shaping.

Unqualified / physical acceptance pending
Retained isolated relay CAD study
Smoothieware / CERN-OHL-S-2.0

Sheet: /
File: single-channel-ac-mechanical-relay.kicad_sch

Title: Single-channel AC relay / isolated

Size: A1	Date: 2026-10-11	**Rev: v14**
KiCad E.D.A. 9.0.8		Id: 1/1