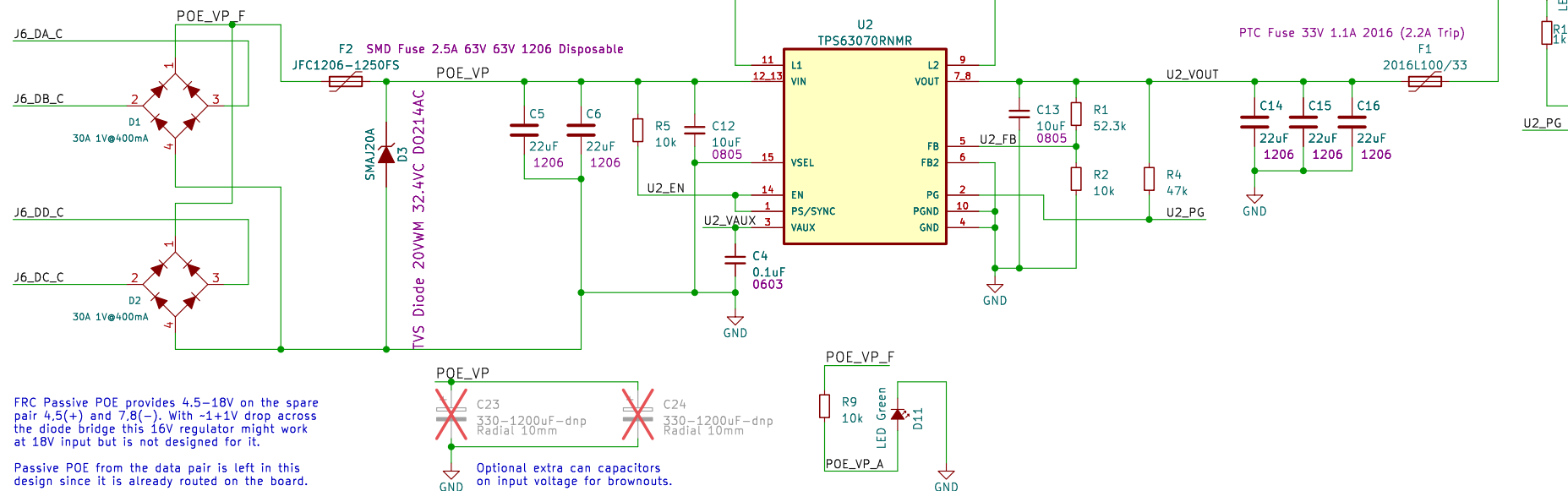
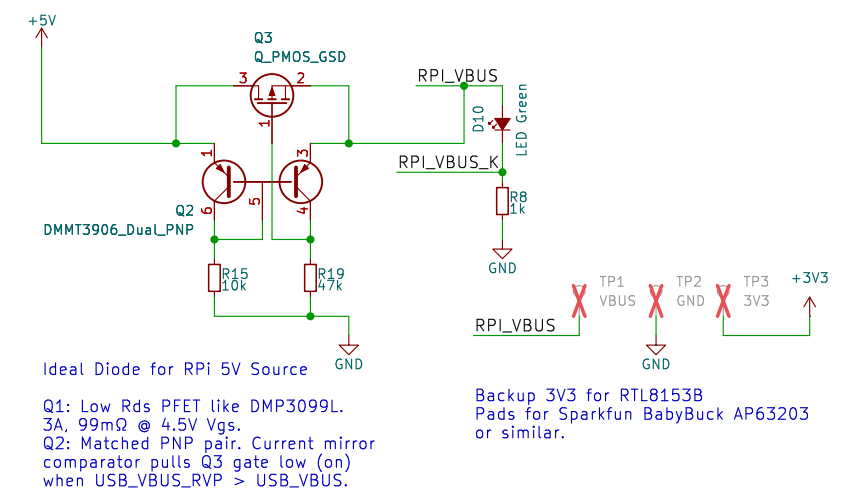


Passive PoE (4.5–18V) → 2A Buck–Boost (4–16V) → 5V

IEEE PoE may send a detection voltage of 2.7–10.1 V looking for a 25k Ω load at this end.
 Protect against higher than 20V input reaching the TPS63070.



Raspberry Pi Power



License: CERN OHL V1.2
 Author: Ian Hartwig

Sheet: /
 File: pizero-papoe.kicad_sch

Title: PiZero Passive PoE & USB Ethernet

Size: A3
 Date: 2024–12–30
 KiCad E.D.A. 8.0.7

Rev: R1
 Id: 1/1