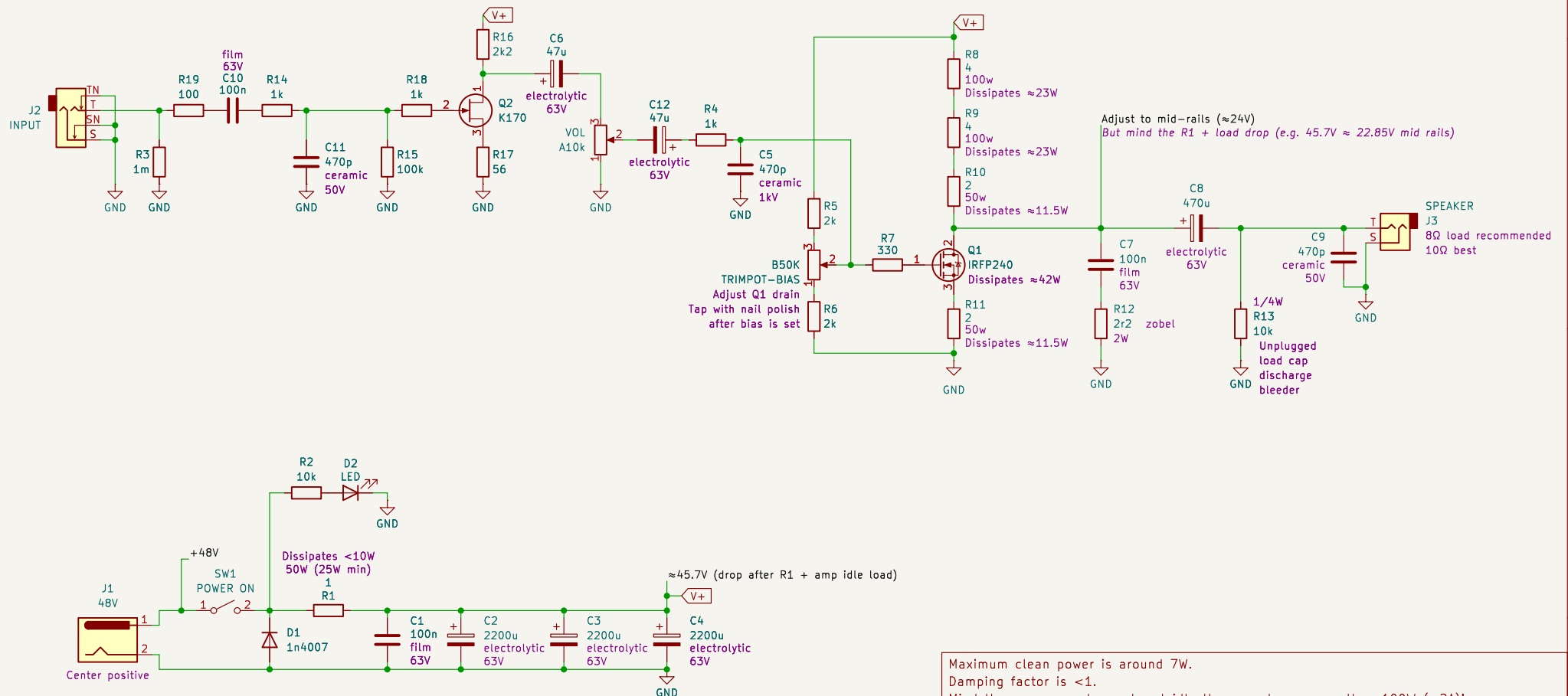


WARNING!

A lot of heat is dissipated at idle!
Use huge heatsink and install
R1, R8, R9, R10, R11,
and the Q1 MOSFET on it!
Use mica for Q1, make sure none
of its legs are shorted to the heatsink.
Use active cooling if possible.



Maximum clean power is around 7W.
Damping factor is <1.
Mind the power supply needs, at idle the amp draws more than 100W (>2A)!
Class A amps are very inefficient!
I recommend to use at least ≈200W (48V/≈4A) power supply.

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File: wenzels-simple-mosfet-class-a-power-amp.kicad_sch

Title: Wenzel's Simple MOSFET Class-A Power Amp

Size: A4 Date: November 2025

KiCad E.D.A. 9.0.1

Rev: r1-wip-2

Id: 1/1