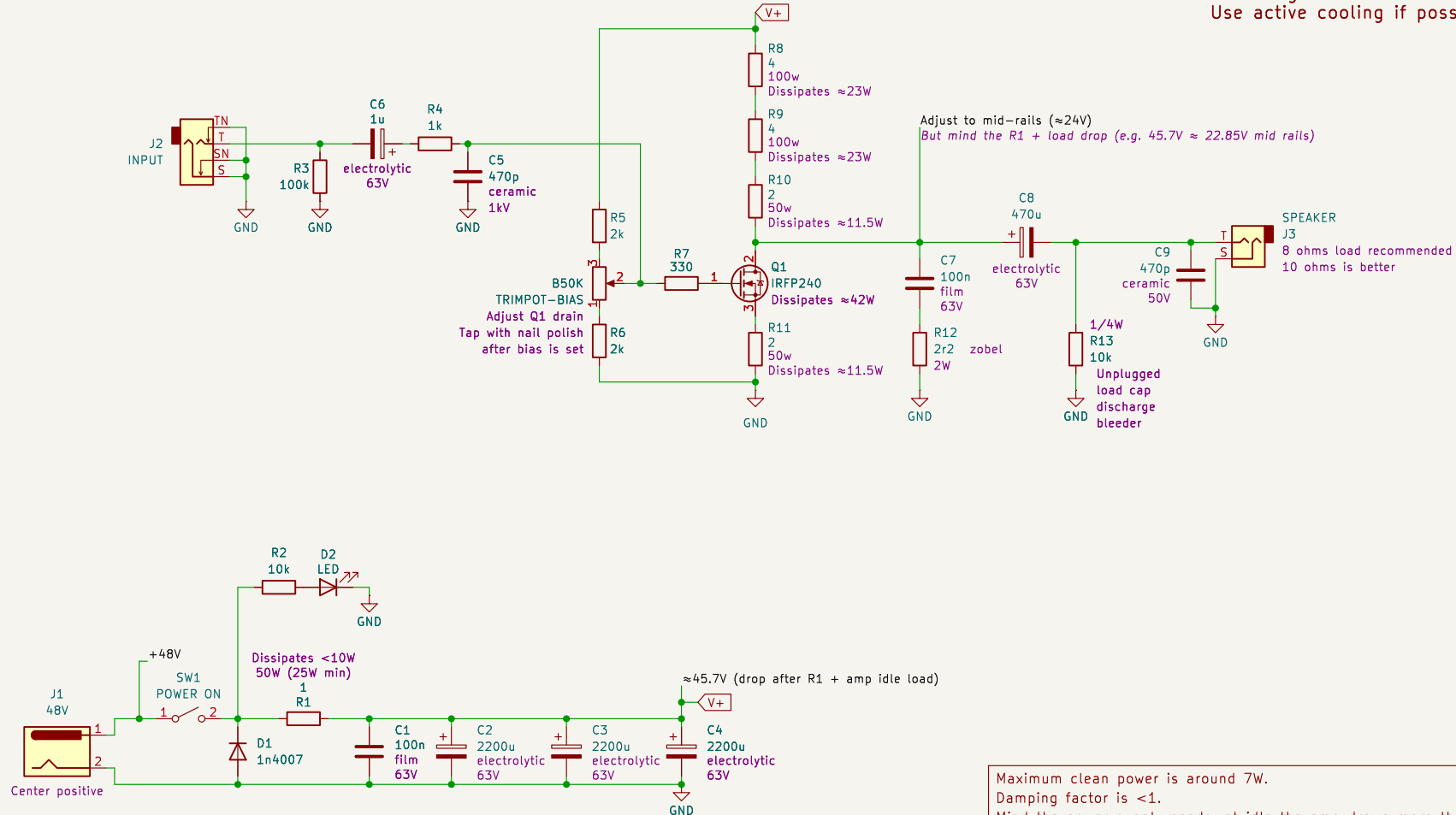


# WARNING!

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! <b>I recommend to use at least <math>\approx 200W</math> (48V/<math>\approx 4A</math>) power supply.</b>		
Sheet: / File: wenzels-simple-mosfet-class-a-power-amp.kicad_sch		
<b>Title: Wenzel's Simple MOSFET Class-A Power Amp</b>		
Size: A4	Date: November 2025	Rev: r1-wip-1
KiCad E.D.A. 9.0.1	Id: 1/1	