

Figure 6: EPC9509 - ZVS class-D amplifier schematic

Addendum Statement; Ongoing testing of the EPC9509 revealed that the improvement in performance of the EPC2108 based design exceeded that of earlier design criteria and as such the design could further be improved to increase efficiency by changing Lzvs1 and Lzvs2 from 390nH (Coilcraft 2929SQ-391JEB) to 500nH (Coilcraft 2929SQ-501JEB).

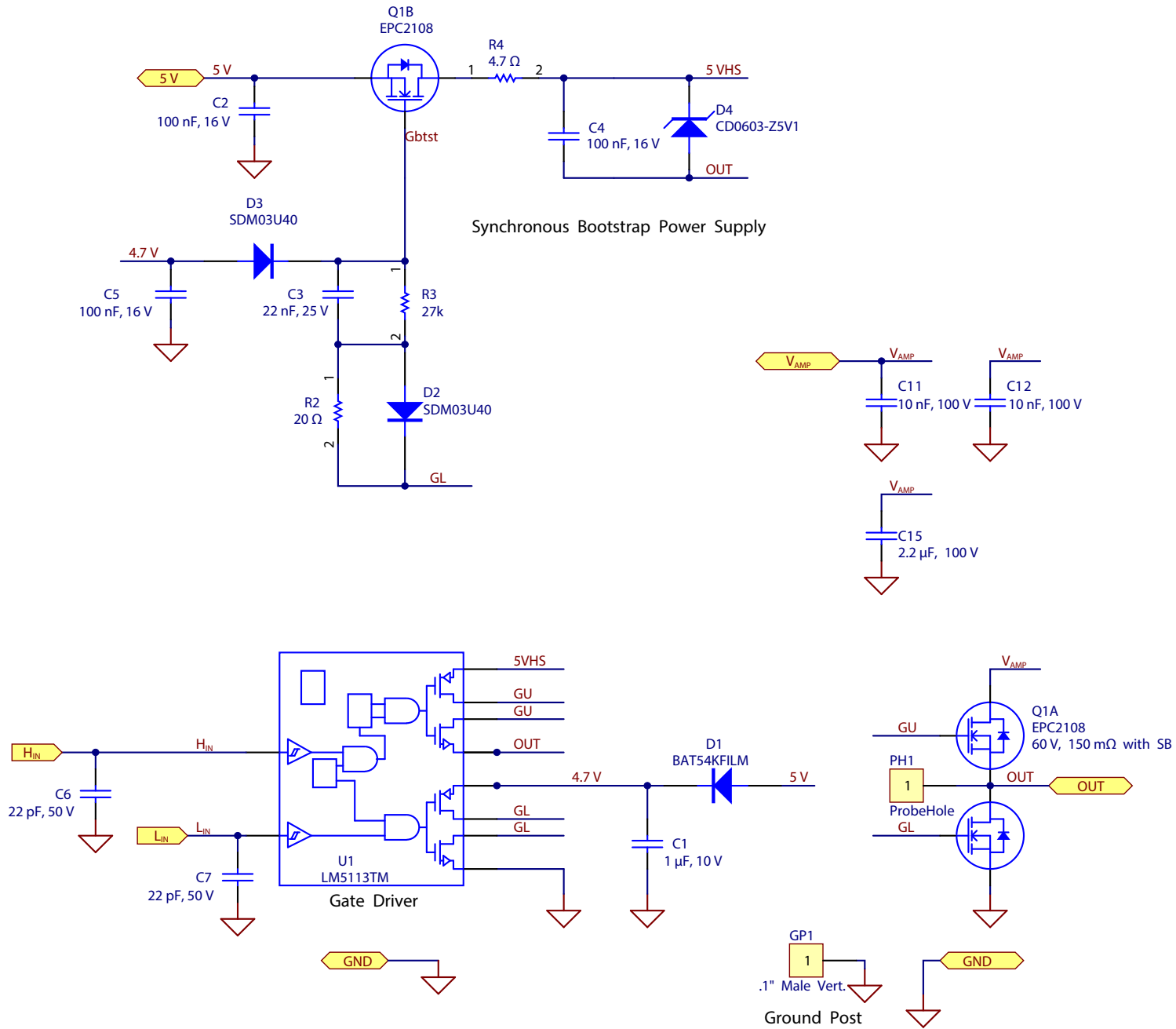


Figure 7: EPC9509 - Gate driver and power devices schematic  
 This schematic is repeated for each single-ended ZVS class D amplifier.

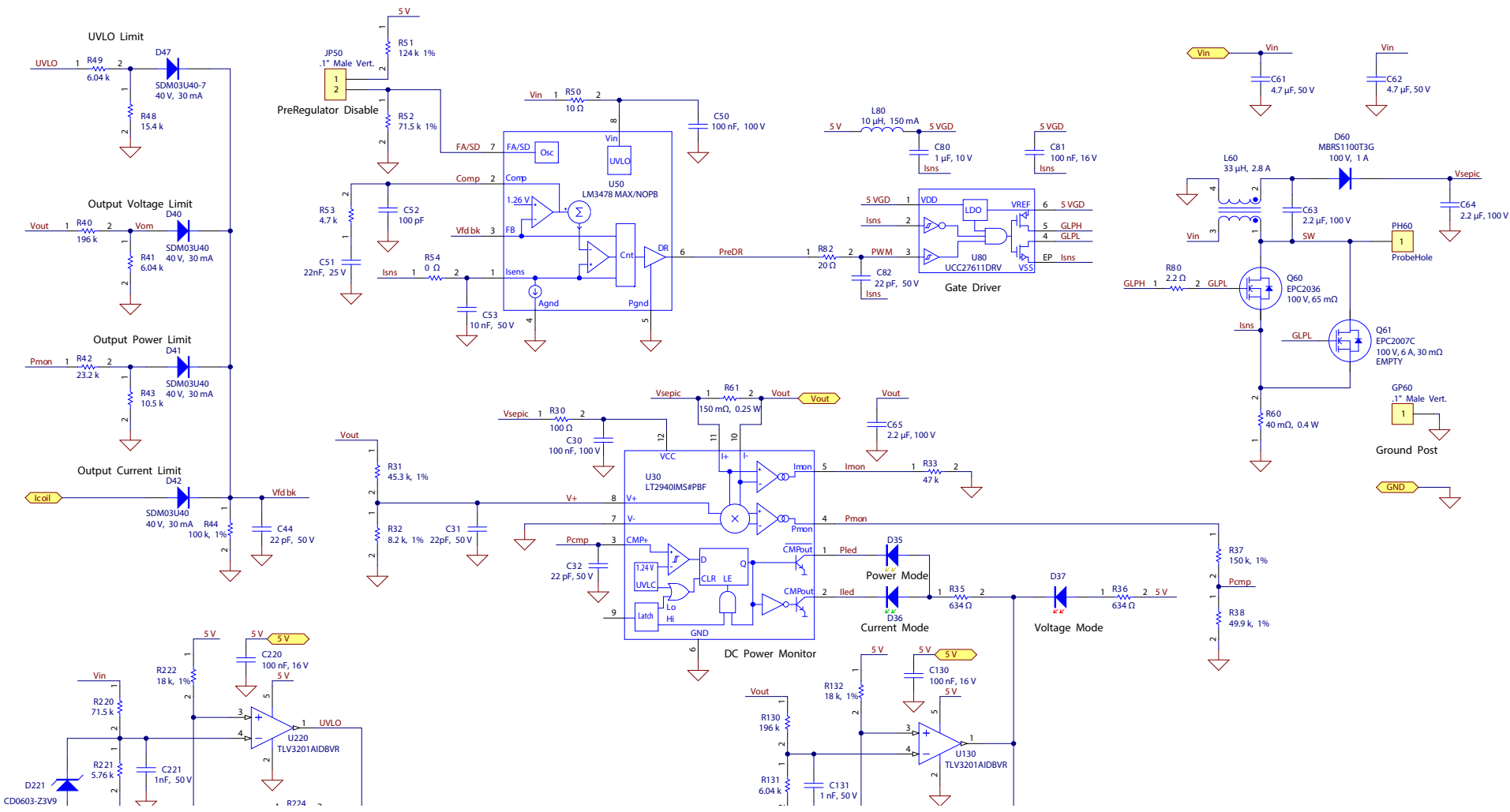


Figure 8: EPC9509 - Pre-regulator schematic