

Figure 1: Bootstrap Circuit

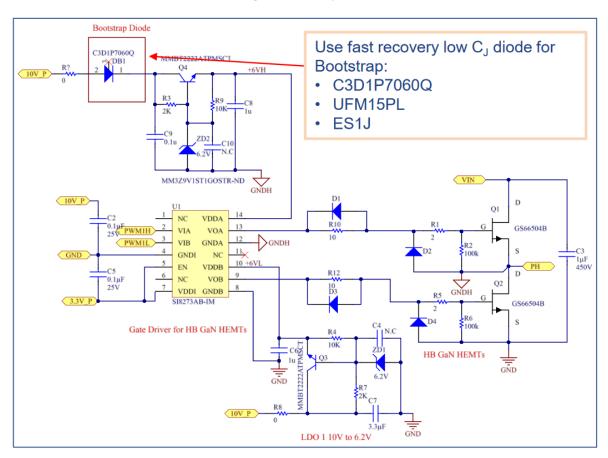


Figure 2: Recommended Bootstrap Driver

Pros and Cons

- + Simple Circuit just a capacitor-diode
- + Cost
- + PCB area
- Charging and discharging oscillations
- Duty cycle limitations
- Required to use Source pin of GaN instead of Kelvin
- Starting strategy for 2 parallel 2 series concept
- Less slew rate

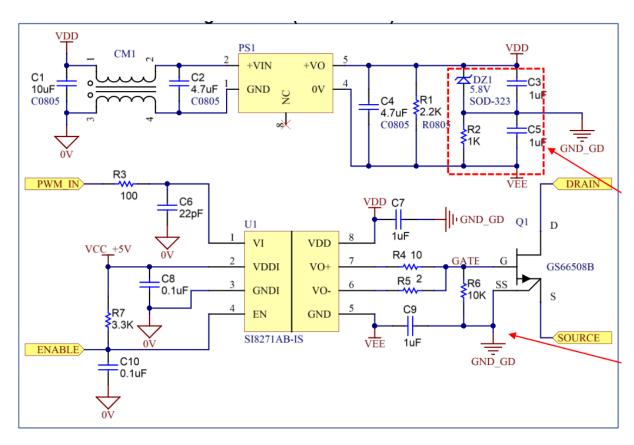


Figure 3: Single Isolated Gate Driver