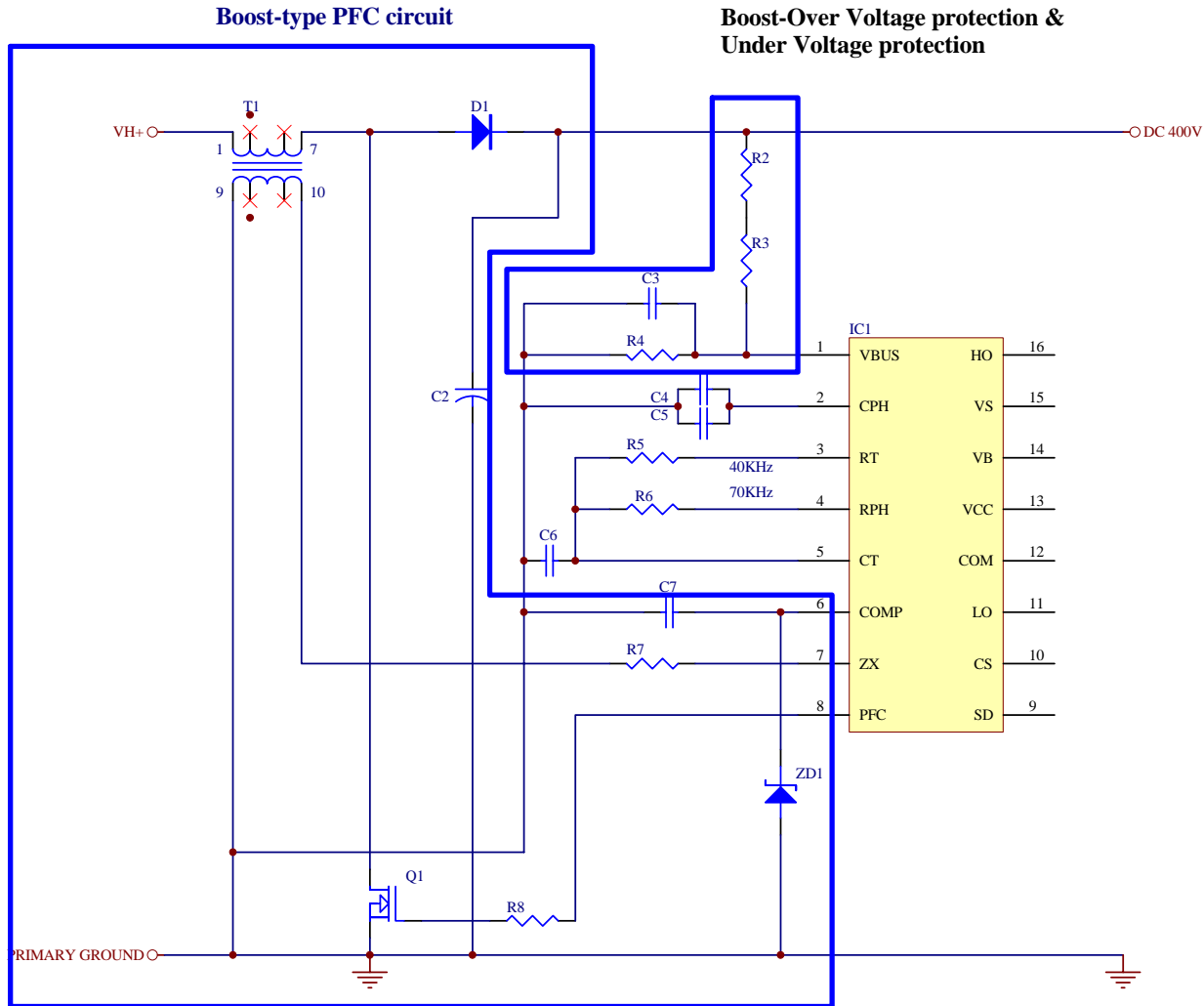


# DA0126 Design information

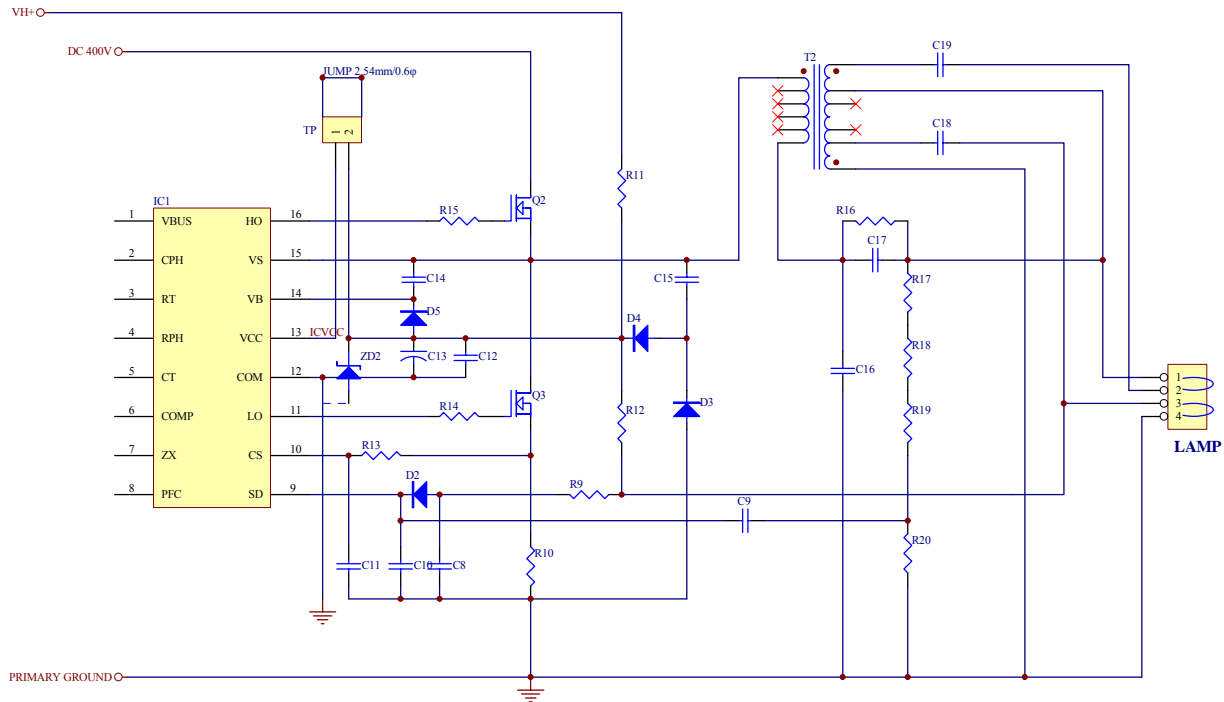
## PFC CIRCUIT



1. D1: 8A/600V,FAST RECOVERY RECTIFIER
2. C2: 33uF/450V,INPUT FILTER CAPACITOR.
3. C4,C5 Preheat timing cap. 1uF=1sec.
4. R5,R6,C6 for output run and Ignition frequency.
5. C7,ZD1:PFC error amplifier compensation.
6. T1,R7:PFC Zero-Crossing detection.

# DA0126 Design information

## OUTPUT STAGE



1. R15,Q2,Q3,R14 : Half-Bridge circuits.
2. R11,R12 : VH+ Under Voltage protection.
3. C15,D3,D4,D5,C12,C13 : Boost voltage circuits.
4. R10,R13,C11 : Over Current Protection.
5. R9,C8,D2,C10 : NO Load protection.
6. R17,R18,R19,R20,C9 : Lamp fault protection.
7. T2,C18,C19 Preheat circuits.
8. T2,C16,R16,C17 : Output resonance circuits.