

0.1. Snubber

$$C > L_d \left(\frac{I_{L1}}{V_C} \right)^2 = 1 \mu H \cdot \left(\frac{15 A}{100 V} \right)^2 = 22.5 nF \quad (1)$$

$$R < \left. \frac{DT_S}{3C} \right|_{C=50 nF} = \frac{0.5}{150 kHz} \cdot \frac{1}{3 \cdot 50 nF} = 22.22 \Omega \quad (2)$$