

$$IL(PK)=Po(max)/Vin(min)+(Vin(min)/(2*L*fsw*Vo(max))))*(1-Vin(min)/Vo(max))$$

$$L=(Vin^2/(2*Po(BDRY)*fsw))*(1-Vin(TYP)/Vo(TYP))=7.8uH$$

$$Po(BDRY)=Po(max)/3$$

