



**Parameters**  
**Lp=45u**  
**Ls=20u**  
**Fs=100k**  
**Dmin=.05**  
**Dmax=.9**  
**Mc=.273meg**  
**Ks=.02\*10**  
**Cs=1410u**  
**RCs=1**  
**RLp=10m**

$v(Dx,ret) < \{Dmin\} ?$   
 $\{Dmin\} :$   
 $v(Dx,ret) > \{Dmax\} ? \{Dmax\} : v(Dx,ret)$

**Note: Davg is slightly larger than the PWM switching drive to account for the actual switch on time**

**gnd is the secondary side ground. ret is the primary side and control signal ground.**

