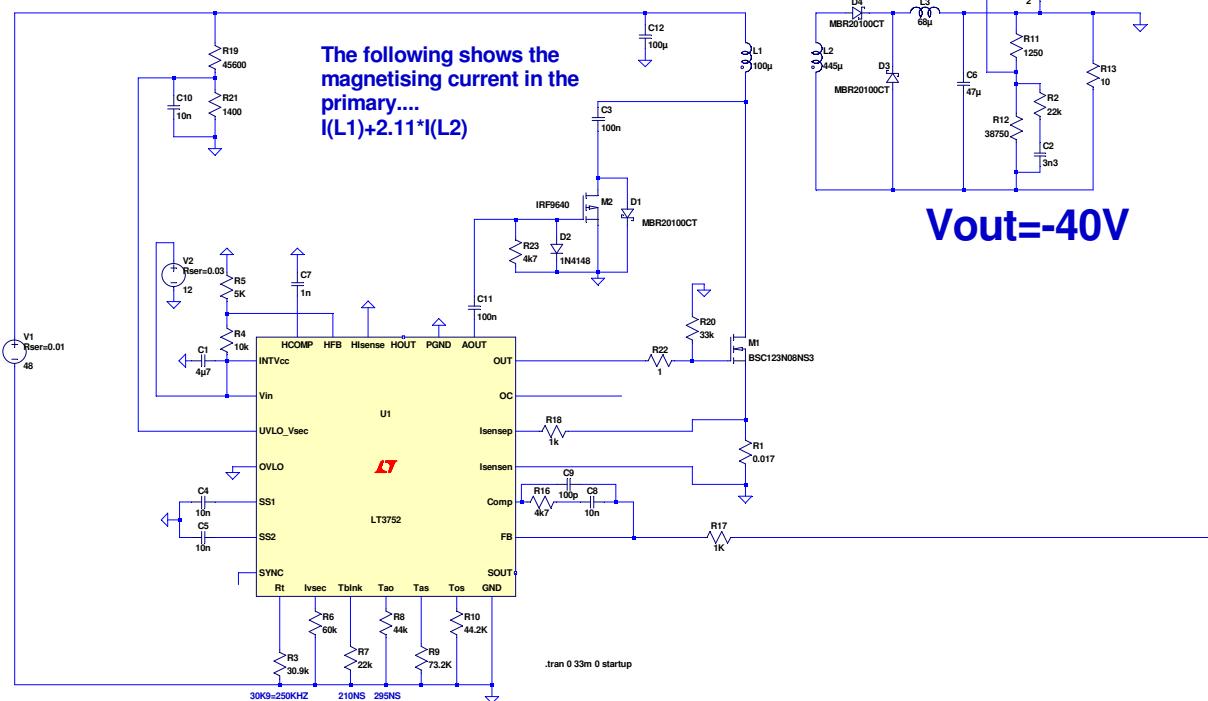


Simulation not totally finished yet.

$V_{in}=+48V$



$V(Cclamp)$  ..want ~constant in steady state  
 Bigger leakage..> Bigger duty due to FET current rise time.  
 Gap the transformer.  
 Lower  $L_{mag}$  generally preferred.  
 $V.dt\text{ ON} = V.dt\text{ OFF}$  for  $L(\text{pri})$   
 $L(\text{mag})$  is in CCM  
 Beware saturation on startup or transients. (remember that  $V.dt\text{ ON}$  should equal  $V.dt\text{ OFF}$ , and for a while, it may not be in transient intervals.)  
 Use controller with max duty cycle clamp.