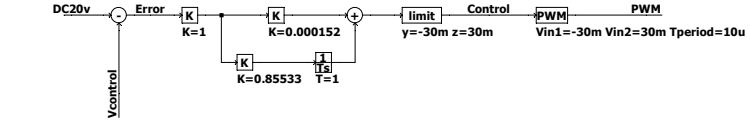

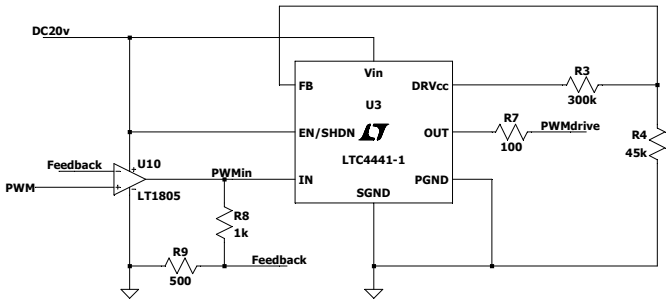

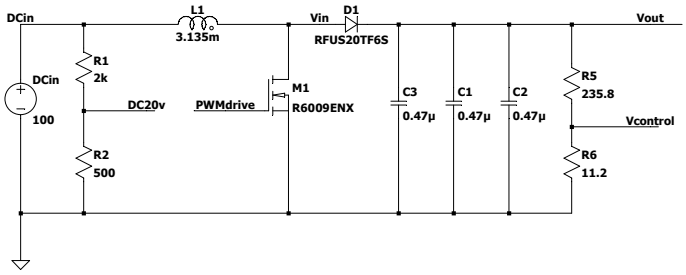


```
.tran 0 .02 0

.meas voutmax max v(vout)
.meas voutavg avg v(vout) FROM 0.015 TO 0.02
.meas ic_avg avg I(C1) FROM 0.015 TO 0.02
.meas iRload_avg avg I(RLoad) FROM 0.015 TO 0.02
.meas iL_avg avg I(L1) FROM 0.015 TO 0.02
.meas settle find V(Vout) when abs(v(Vout)- voutavg)/voutavg=0.05 fall=last
.meas rise time TRIG V(Vout)=(V(DCin)+0.1*(voutavg- V(DCin))) TD=0.2u RISE=1 TARG V(Vout)=(V(DCin)+0.9*(voutavg- V(DCin))) TD=0.2u RISE=1
.meas efficiency avg -V(Vout)*I(Rload)/V(DCin)/I(DCin) FROM 0.015 TO 0.02

.MODEL R6009ENX NMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=1
+ KP=15.407E-6
+ RS=10.000E-3
+ RD=0
+ VTO=4.5552
+ RDS=6.0000E6
+ TOX=2.0000E-6
+ CGSO=500p
+ CGDO=2p
+ CBD=0
+ RG=0
+ N=2
+ RB=1.0000E-3
+ GAMMA=2.5
+ ETA=0.00004
+ KAPPA=0
+ NFS=28G
```