

```

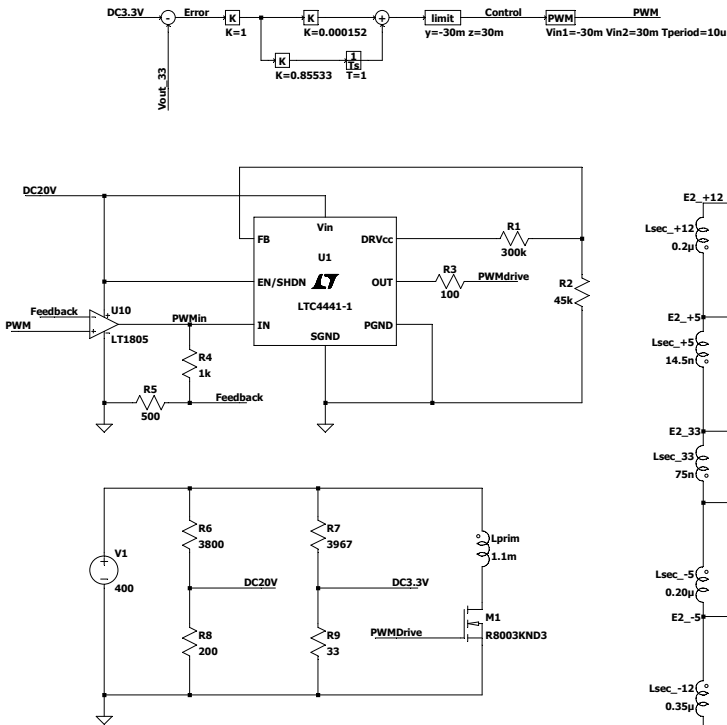
.MODEL R8003KND3 NMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=1
+ KP=5.8375E-6
+ RS=10.000E-3
+ RD=0
+ VTO=3.5286
+ RDS=8.0000E6
+ TOX=2.0000E-6
+ CGSO=260p
+ CGDO=1p
+ CBD=0
+ RG=0
+ N=2
+ RB=1.0000E-3
+ GAMMA=3.1
+ ETA=0.00005
+ KAPPA=0
+ NFS=16G

```

```

.MODEL DRBR40NS30AFH D
+ IS=1.0341E-6
+ N=0.8185
+ RS=3.7552E-3
+ IKF=141.25E-3
+ XTI=2.0
+ EG=0.676
+ CJO=3.4300E-9
+ M=0.5308
+ VJ=0.5031
+ ISR=16.025E-6
+ NR=1.2120
+ BV=30
+ TRS1=1.8511E-3

```



```

K Lprim Lsec_+12 Lsec_-12 Lsec_+5 Lsec_-5 Lsec_33 0.99
.tran 0 0.05 0
.model Switch1 SW(Ron=1 Roff=1Meg Vt=0.5 Vh=-0.4)

```

