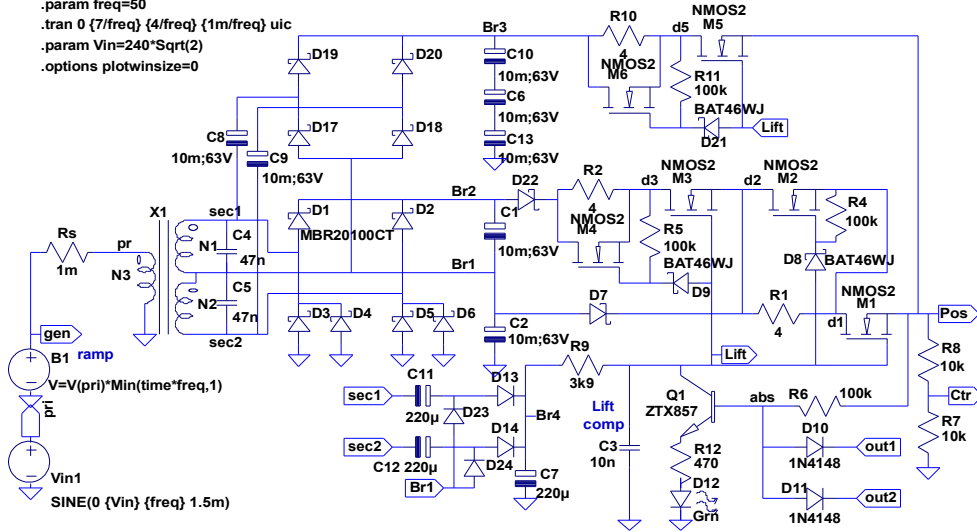


Chan Transformer 3 level 2xClass-G, 3 McP Cap multipliers, Equiv 2xBridge 8R (stereo)

(c) Ian Hegglin Jun 2025

```
.param freq=50
.tran 0 {7/freq} {4/freq} {1m/freq} uic
.param Vin=240*sqrt(2)
.options plotwinsize=0
```



```
.model NMOS2 ako:IRLH5030 ;8mR
.model GRN D[s]=1e-19 N=2.0 Rs=1.5 Eg=2.23 Tnom=27deg ;LTL1CHKGKNN
.MODEL ZTX857 NPN IS=2E-12 NF=1.006 BF=160 IKF=5 VAF=995 ISE=3.6E-13
*NE=1.4088 NR=1.01 BR=40 IKR=94m VAR=33.5 ISC=1.502E-12 NC=1.067
*RB=0.02 RE=0.055 RC=0.02 CJC=3E-12 MJC=0.505 VJCN=0.691 CJE=1.1E-9
*TF=1.3E-9 TR=1.75E-6 XTBS=1.4 TRB1=0.005 TRE=0.005 QUASIMOD=1
*VO=10 RCO=2.5 GAMMA=6E-8 Vceo=300 mfg=Diotnc20125
```

```
.param Vsig=0.26; for just clip 2x8R
.param Vsig=0.31*0.577; for 1/3FP 8R
.param Vsig=0.145 ;for Tr 30c rise 2x8R
```

