IRFZ44 MOSFET model converted from Qucs netlist
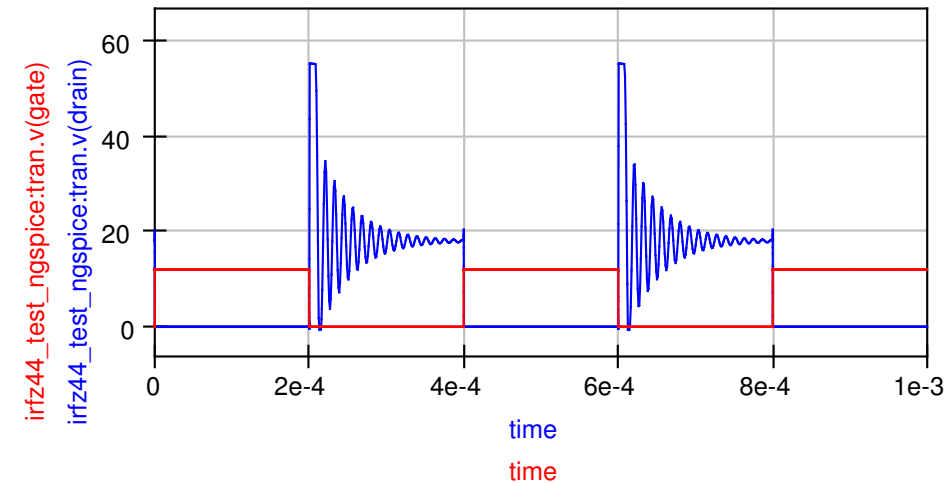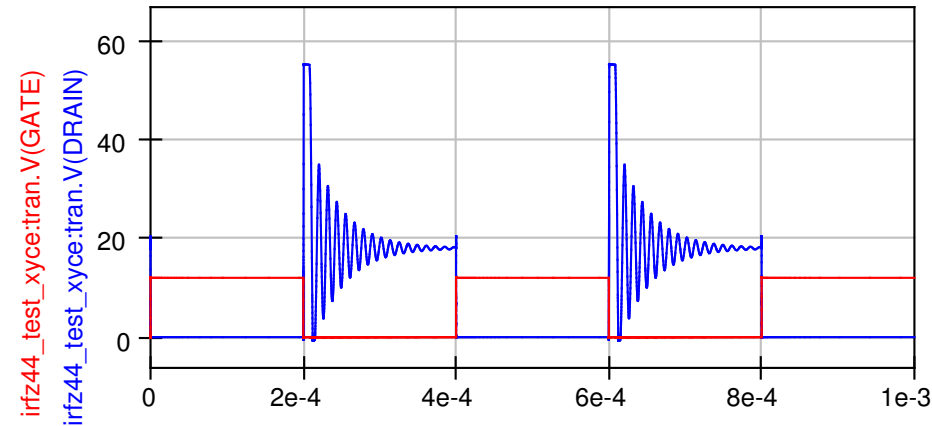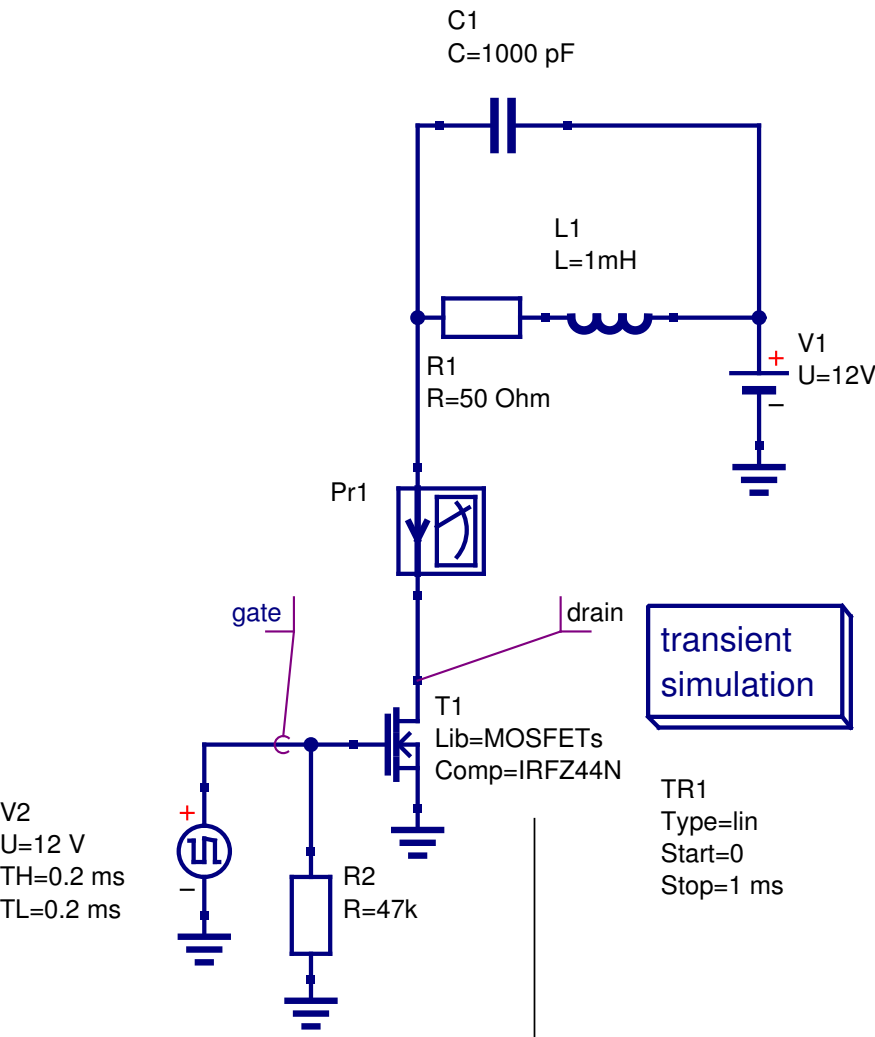
```
.SUBCKT MOSFETs_IRFZ44N  gnd  _net2 _net1 _net3
MM1 _net9 _net7 _net8 _net8 MMOD_M1 L=100u W=100u
.MODEL MMOD_M1 NMOS(Is=1e-32 Vt0=3.56214 Lambda=0
+ Kp=39.3974 Cgso=1.25255e-05 Cgdo=2.2826e-07
+ Rs=0 Rd=0 Ld=0 Cbd=0 Cbs=0 Cgbo=0 Gamma=0 Phi=0.6)
RRS _net8 _net3 0.0133305
DD1 _net3 _net1 DMOD_D1
.MODEL DMOD_D1 D(Is=9.64635e-13 Rs=0.00967689
+ N=1.01377 Bv=55 Ibv=0.00025 Eg=1.08658 Xti=2.9994
+ Tt=1e-07 Cj0=1.39353e-09 Vj=0.5 M=0.42532 Fc=0.5)
RRDS _net3 _net1 2.2e+06
RRD _net9 _net1 0.0001
RRG _net2 _net7 2.20235
DD2 _net4 _net5 DMOD_D2
.MODEL DMOD_D2 D(Is=1e-32 N=50 Cj0=1.52875e-09 Vj=0.5
+ M=0.584414 Fc=1e-08 Rs=0 Eg=1.11 Xti=3 Tt=0 Bv=0
+ Ibv=1mA)
DD3 gnd _net5 DMOD_D3
.MODEL DMOD_D3 D(Is=1e-10 N=0.408752 Rs=3e-06
+ Eg=1.11 Xti=3 Tt=0 Cj0=0 Bv=0 Ibv=1mA M=0.5 Vj=0.7)
RRL _net5 _net10 1
FFI2 _net7 _net9 VFI2 -1
VFI2 _net4 gnd DC 0
EEV16 _net10 gnd _net9 _net7 1
CCAP _net11 _net10 2.06741e-09
FFI1 _net7 _net9 VFI1 -1
VFI1 _net11 _net6 DC 0
RRCAP _net6 _net10 1
DD4 gnd _net6 DMOD_D4
.MODEL DMOD_D4 D(Is=1e-10 N=0.408752 Eg=1.11 Xti=3
+ Tt=0 Cj0=0 Rs=0 Bv=0 Ibv=1mA M=0.5 Vj=0.7)
.ENDS
```

Qucs2spice netlist converter