

```
.model 2N4117 NJF(Beta=0.033m Betatce=-.5 Rd=1 Rs=1 Lambda=13m Vto=-1.2 Vtotc=-2.5m  
Is=5.261f Isr=51.03f N=1 Nr=2 Xti=3 Vk=90.45 Cgd=3.94p M=.4335 Pb=1 Fc=.5 Cgs=4.93p  
Kf=45.61E-18 Af=1 Mfg=Linear_Systems)
```