



```
.inc dmtriodep.inc      .tran 15s startup uic
.inc 6bq5.inc
.inc KSC5305F.lib
.model 1N4007 D(Rs=0.010 Tt=2u Cjo=15p Vj=0.6 BV=1000 Ibv=5u)
.model UF4007 D(Rs=0.161 Tt=75n Cjo=17p Vj=0.6 BV=1000 Ibv=10u)
.model 2N5551 NPN (Is=2.511f Xti=3 Eg=1.11 Vaf=100 Bf=242.6 Ne=1.249 Ise=2.511f Ikf=.3458 Xtb=1.5 Br=3.197 Nc=2 Isc=0 Ikr=0 Rc=1 Cjc=4.883p Mjc=.3047 Vjc=.75 Fc=.5 Cje=18.79p Mje=.3416 Vje=.75 Tr=1.202n Tf=560p Itf=50m Vtf=5 Xtf=8 Rb=10)
```