



```
.tran 0.25 startup
.include C2M0160120D.lib
.param PWM12=0.6 Freq=50000 C=220u L=150u Vin=10
```

```
.model STTH6012 D(Is=21.196E-6 N=3.1366 Rs=6.1729E-3 Cjo=586.19E-12 M=.41675 Vj=.85569 Nr=4.9950 Fc=0.5 tt=90.0000E-9 Ikf=.34615)
.model 1N914 D(Is=2.52n Rs=.568 N=1.752 Cjo=4p M=.4 tt=20n lave=200m Vpk=75 mfg=OnSemi type=silicon)
```