

.MODEL Q2PC4081S NPN(

+ IS=2.409E-14  
+ NF=0.997  
+ ISE=9.842E-16  
+ NE=1.464  
+ BF=351.8  
+ IKF=0.1371  
+ VAF=52.64  
+ NR=1.004  
+ ISC=7.455E-14  
+ NC=1.237  
+ BR=9.646  
+ IKR=0.1144  
+ VAR=364.5  
+ RB=1  
+ IRB=1E-06  
+ RBM=1  
+ RE=0.3666  
+ RC=1.31  
+ XTB=0  
+ EG=1.11  
+ XTI=3  
+ CJE=1.233E-11  
+ VJE=0.707  
+ MJE=0.3698  
+ TF=4.689E-10  
+ XTF=100  
+ VTF=2.586  
+ ITF=0.5651  
+ PTF=0  
+ CJC=3.847E-12  
+ VJC=0.35  
+ MJC=0.3739  
+ XCJC=0.6193  
+ TR=1E-32  
+ CJS=0  
+ VJS=0.75  
+ MJS=0.333  
+ FC=0.8945 )

\*