

.MODEL QBC557C PNP(

+ IS=5.826E-14
+ NF=1.009
+ ISE=3.884E-15
+ NE=1.408
+ BF=516.7
+ IKF=0.08039
+ VAF=26.03
+ NR=1.006
+ ISC=4.014E-14
+ NC=1.313
+ BR=12.45
+ IKR=0.07238
+ VAR=6.717
+ RB=1
+ IRB=1E-06
+ RBM=1
+ RE=0.5685
+ RC=0.6257
+ XTB=0
+ EG=1.11
+ XTI=3
+ CJE=1.26E-11
+ VJE=0.3809
+ MJE=0.3545
+ TF=5.233E-10
+ XTF=4.339
+ VTF=5.425
+ ITF=0.1896
+ PTF=0
+ CJC=7.798E-12
+ VJC=0.5897
+ MJC=0.4569
+ XCJC=0.6288
+ TR=1E-32
+ CJS=0
+ VJS=0.75
+ MJS=0.333
+ FC=0.5729)

*