

.MODEL QBFS18 NPN(

+ IS=5.7880E-16
+ NF=0.9898
+ ISE=1.078E-15
+ NE=1.516
+ BF=115.2
+ IKF=7.822E-02
+ VAF=79.23
+ NR=0.9896
+ ISC=4.317E-16
+ NC=1.009
+ BR=4.540
+ IKR=2.986E-02
+ VAR=20.64
+ RB=1
+ IRB=1E-06
+ RBM=1
+ RE=0.7900
+ RC=0.7958
+ XTB=0
+ EG=1.11
+ XTI=3
+ CJE=1.901E-12
+ VJE=0.6720
+ MJE=0.2981
+ TF=4.932E-10
+ XTF=300
+ VTF=6.182
+ ITF=0.1208
+ PTF=0
+ CJC=1.625E-12
+ VJC=0.4244
+ MJC=0.1884
+ XCJC=0.1200
+ TR=1.00E-08
+ CJS=0
+ VJS=0.75
+ MJS=0.333
+ FC=0.8118)

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