

.MODEL QBCX17 PNP(

+ IS=1.08E-13
+ NF=0.99
+ ISE=2.713E-14
+ NE=1.4
+ BF=385.7
+ IKF=0.3603
+ VAF=31.29
+ NR=0.9849
+ ISC=5.062E-13
+ NC=1.295
+ BR=20.57
+ IKR=0.054
+ VAR=11.62
+ RB=1
+ IRB=1E-06
+ RBM=0.5
+ RE=0.1415
+ RC=0.2623
+ XTB=0
+ EG=1.11
+ XTI=3
+ CJE=5.114E-11
+ VJE=0.8911
+ MJE=0.4417
+ TF=7.359E-10
+ XTF=1.859
+ VTF=3.813
+ ITF=0.4393
+ PTF=0
+ CJC=2.656E-11
+ VJC=0.62
+ MJC=0.4836
+ XCJC=0.459
+ TR=5.00E-08
+ CJS=0
+ VJS=0.75
+ MJS=0.333
+ FC=0.99)

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