

.MODEL QBCP51 PNP(

+ IS=6.1530E-14

+ NF=0.9911

+ ISE=1.382E-16

+ NE=1.089

+ BF=150.8

+ IKF=1.225

+ VAF=105.4

+ NR=0.9965

+ ISC=6.480E-15

+ NC=1.022

+ BR=8.074

+ IKR=0.3627

+ VAR=18.20

+ RB=2

+ IRB=1E-06

+ RBM=2

+ RE=5.562E-02

+ RC=0.1449

+ XTB=0

+ EG=1.11

+ XTI=3

+ CJE=1.157E-10

+ VJE=0.7300

+ MJE=0.3751

+ TF=8.666E-10

+ XTF=1.231

+ VTF=3.008

+ ITF=0.4581

+ PTF=0

+ CJC=5.264E-11

+ VJC=0.6591

+ MJC=0.4533

+ XCJC=0.4401

+ TR=2.75E-07

+ CJS=0

+ VJS=0.75

+ MJS=0.333

+ FC=0.9427 )

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