

.MODEL QBF240 NPN(

+ IS = 6.686E-16
+ NF = 0.9934
+ ISE = 1.84E-15
+ NE = 1.632
+ BF = 135
+ IKF = 0.06
+ VAF = 116.5
+ NR = 1.003
+ ISC = 9.197E-15
+ NC = 1.133
+ BR = 6.24
+ IKR = 0.05
+ VAR = 5.34
+ RB = 1
+ IRB = 0.01
+ RBM = 0.5
+ RE = 0.6
+ RC = 1.8
+ XTB = 0
+ EG = 1.11
+ XTI = 3
+ CJE = 2.288E-12
+ VJE = 0.55
+ MJE = 0.2019
+ TF = 2.911E-10
+ XTF = 54.94
+ VTF = 1.762
+ ITF = 0.1644
+ PTF = 0
+ CJC = 9.099E-13
+ VJC = 0.1927
+ MJC = 0.1982
+ XCJC = 0.811
+ TR = 1E-32
+ CJS = 0
+ VJS = 0.75
+ MJS = 0.333
+ FC = 0.8999)

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