

SPICE PARAMETER

EMF6

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* QEMF6 PNP BJT model
* Date: 2006/11/30
.MODEL QEMF6 PNP
+ IS=110.00E-15
+ BF=394.09
+ VAF=21.739
+ IKF=.52024
+ ISE=110.00E-15
+ NE=1.6818
+ BR=28.439
+ VAR=100
+ IKR=1.3710
+ ISC=2.0285E-12
+ NC=2.1543
+ NK=.56117
+ RE=.1
+ RB=4.9687
+ RC=.26205
+ CJE=44.776E-12
+ MJE=.43395
+ CJC=8.9662E-12
+ MJC=.25891
+ TF=371.39E-12
+ XTF=24.384
+ VTF=41.974
+ ITF=32.155
+ TR=10.676E-9
+ XTB=1.5000
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* MEMF6 NMOS model
* Date: 2006/09/07
.MODEL MEMF6 NMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=.27
+ KP=1.0298E-6
+ RS=.8
+ RD=.36503
+ VTO=1.4405
+ RDS=2.8571E9
+ TOX=2.0000E-6
+ CGSO=37.037E-15
+ CGDO=35.457E-12
+ CBD=18.868E-12
+ MJ=.74958
+ RG=3.9831E3
+ IS=288.79E-18
+ N=.8467
+ RB=.31521
+ GAMMA=0
+ KAPPA=0
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