

SPICE PARAMETER

EM6M1

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* MEM6M1_N NMOSFET model
* Date: 2006/09/07
.MODEL MEM6M1_N 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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* EM6M1_P PMOSFET model
* Date: 2006/09/06
*****D G S
.SUBCKT EM6M1_P 1 2 3
M1 1 2 3 3 MOS_P
D1 1 3 DREV
.MODEL MOS_P PMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=1
+ KP=2.5001E-6
+ RS=.2
+ RD=.46743
+ VTO=-1.6009
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=158.00E-12
+ CGDO=11.790E-12
+ CBD=3.8598E-12
+ MJ=.88014
+ RG=420
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=1.4083E-12
+ N=1.2060
+ RS=.76666
+ IKF=25.692
.ENDS EM6M1_P
```