

SPICE PARAMETER  
RJP020N06

by ROHM TR Div.

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* RJP020N06 NMOSFET model
* Date: 2006/09/27
* This model includes a diode between source and drain.
*****D G S
.SUBCKT RJP020N06 1 2 3
M1 1 2 3 3 MOS_N
D1 3 1 DREV
.MODEL MOS_N NMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=1
+ KP=21.171E-6
+ RS=10.000E-3
+ RD=.12566
+ VTO=1.2308
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=424.78E-12
+ CGDO=82.548E-12
+ CBD=86.220E-12
+ MJ=.67124
+ RG=3.8000
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
.MODEL DREV D
+ IS=553.05E-15
+ N=1.0320
+ RS=19.704E-3
+ IKF=.31719
.ENDS RJP020N06
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