

SPICE PARAMETER  
RHK005N03

by ROHM TR Div.

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* RHK005N03 NMOSFET model
* Date: 2006/09/08
* This model includes a diode between source and drain.
*****D G S
.SUBCKT RHK005N03 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=3.8358E-6
+ RS=20.000E-3
+ RD=.26227
+ VTO=2.2751
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=50.420E-12
+ CGDO=22.743E-12
+ CBD=64.514E-12
+ MJ=1.3233
+ RG=235.81
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
.MODEL DREV D
+ IS=278.56E-15
+ N=1.0529
+ RS=.12636
+ IKF=26.325
.ENDS RHK005N03
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