

SPICE PARAMETER
RHU003N03

by ROHM TR Div.

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* RHU003N03 NMOSFET model
* Date: 2006/09/07
* This model includes a diode between source and drain.
*****D G S
.SUBCKT RHU003N03 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=1.5432E-6
+ RS=.2
+ RD=.38113
+ VTO=2.2400
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=15.926E-12
+ CGDO=3.9976E-12
+ CBD=26.171E-12
+ MJ=.44142
+ RG=1.3853E3
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
.MODEL DREV D
+ IS=2.5682E-12
+ N=1.1893
+ RS=.13862
+ IKF=22.451
.ENDS RHU003N03
```