

SPICE PARAMETER
RHU002N06

by ROHM TR Div.

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* RHU002N06 NMOSFET model
* Date: 2006/09/06
* This model includes a diode between source and drain.
*****D G S
.SUBCKT RHU002N06 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=829.32E-9
+ RS=1
+ RD=80.879E-3
+ VTO=2.2110
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=143.34E-12
+ CGDO=10.027E-12
+ CBD=8.0748E-12
+ MJ=.89885
+ PB=1.0955
+ RG=610.06
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
.MODEL DREV D
+ IS=47.627E-15
+ N=1.0276
+ RS=.12653
+ IKF=71.817E-3
.ENDS RHU002N06
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