

SPICE PARAMETER
RJU002N06

by ROHM TR Div.

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* RJU002N06 NMOSFET model
* Date: 2006/09/07
* This model includes a diode between source and drain.
*****D G S
.SUBCKT RJU002N06 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=1.2045E-6
+ RS=.4
+ RD=.6913
+ VTO=1.1050
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=268.00E-12
+ CGDO=9.9717E-12
+ CBD=26.038E-12
+ MJ=1.1381
+ RG=270.69
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
.MODEL DREV D
+ IS=3.1867E-12
+ N=1.2264
+ RS=.18514
+ IKF=5.7035
.ENDS RJU002N06
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